Welcome to the Tempe Union High School District, a collection of successful comprehensive high schools to serve you and your family. We take pride in our highly qualified and dedicated staff. We are committed to graduating all students with the knowledge, understanding and skills necessary for success in college, career and life.

Students, you are about to make some very big decisions that will have a lasting and positive impact on your future. To help you and your families make the best choice about what school to attend and what courses to take, we have provided you with a District-wide catalog. This book is a reference guide that we hope you find useful throughout the school year. It outlines the various courses being offered by Tempe Union High School District; however, the courses listed may not be offered at every site. It’s important that students select courses thoughtfully and take time to review the academic guidelines and requirements specified in this book.

Again, we welcome you to our family of schools and our community of learning. We look forward to an exciting year of celebrating the achievements and success of all our students.

OUR MISSION:
Excellence in Teaching and Learning

OUR VISION:
All students will graduate with the skills necessary for success in college, career and life.

GOVERNING BOARD:
Andres Barraza
Brian Garcia
Michelle Helm
Berdetta Hodge
Sandy Lowe

Published annually by the Teaching and Learning Department
# TABLE OF CONTENTS

GENERAL INFORMATION..............................................................................................................1-14

CAREER AND TECHNICAL EDUCATION..................................................................................16

ENGLISH.........................................................................................................................................29

FINE ARTS......................................................................................................................................35

Art..................................................................................................................................................35

Music .............................................................................................................................................38

Theatre .........................................................................................................................................42

INTERDISCIPLINARY STUDIES.................................................................................................44

MATHEMATICS............................................................................................................................45

MILITARY SCIENCE......................................................................................................................48

PERSONAL DEVELOPMENT.......................................................................................................49

PHYSICAL EDUCATION...............................................................................................................51

Driver's Education .......................................................................................................................52

Health ..........................................................................................................................................53

SCIENCE..........................................................................................................................................53

SOCIAL STUDIES .......................................................................................................................58

SPECIAL EDUCATION.................................................................................................................63

TECHNOLOGICAL EDUCATION..............................................................................................71

WORLD LANGUAGES ..................................................................................................................71

THE PEGGY PAYNE ACADEMY AT McCLINTOCK HIGH ..........................................................77

INTERNATIONAL BACCALAUREATE PROGRAM AT TEMPE HIGH ........................................81

EAST VALLEY INSTITUTE OF TECHNOLOGY .........................................................................89

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**NOTICE OF NONDISCRIMINATION**

Tempe Union High School District does not discriminate on the basis of race, color, national origin, sex, age or handicap in admission or access to, or treatment or employment in its educational programs or activities. Inquiries concerning Title VI, Title VII, and Title IX may be referred to the Assistant Superintendent of District Operations, and Section 504 may be referred to the Section 504 Coordinator, 500 West Guadalupe Road, Tempe, Arizona 85283-3599, (480) 839-0292.

**AVISO DE NO DISCRIMINACIÓN**

El Distrito Escolar de Tempe Union High no discrimina a base de raza, color, origen nacional, sexo, edad o impedimento en admisión o acceso a, o tratamiento de personas o empleo en sus programas educacionales o actividades. Las preguntas concernientes al Título VI, Título VII, Título IX pueden ser referidas al Director de Atletismo, y Sección 504 pueden ser referidas al Coordinador de Sección 504, 500 West Guadalupe Road, Tempe, Arizona 85283, (480) 839-0292.
General Information

Education is an important part of being prepared for life. Since little can be accomplished without planning and structure, it is important that families and students plan a high school course of study that will help the student develop skills and knowledge that will contribute to the future in a positive way.

Education and Career Action Plan
In addition to this catalog, students in grades 9-12 will develop an Education and Career Action Plan (ECAP). An ECAP reflects a student’s current plan of coursework, career aspirations, and extended learning opportunities in order to develop the student’s individual academic and career goals.

Online Enrollment
Enrollment is conducted online for all students. Each school will provide information about course offerings and selection. Questions concerning online enrollment should be directed to the school’s front office staff. Below are documents that are required to submit when enrolling a new student online:

- Proof of residence (Arizona driver’s license, electric or water bill, lease agreement)
- Proof of Custody or Guardianship, if applicable
- Copy of Parent/Guardian Photo Identification
- Birth Certificate
- Immunization Records
- Withdrawal Papers from previous school, including Unofficial Transcript, if applicable

Open Enrollment Application
Open Enrollment enables Arizona students to attend public schools outside their attendance area. In accordance with state law, the Tempe Union High School District has an open enrollment policy (JFB) and offers an open enrollment program without charging tuition to non-resident students and resident transfer students.

Please visit the Tempe Union High School District’s website at www.tempeunion.org for further information regarding open enrollment and to complete the online application.

Course Schedule Procedures
Selecting courses is an important process that involves students, parents, and school personnel. After reviewing course offerings and considering a student's long term goals, a full schedule of classes is selected. Although there is no guarantee that a student will receive a schedule with all of the requested first choices, every attempt is made to ensure a schedule is correct and accurate. If a mistake is made, school personnel will work to correct the situation.

Keep in mind that schedule changes will only be made for the following reasons:

- If you passed a scheduled class during summer school
- If you failed or did not complete a prerequisite course
- If you are placed in a class inappropriate to your ability level
- If you are missing a required class
- If a clerical or computer error was made in assigning your classes

We expect that students will thoroughly discuss their desires in dropping a class with their parents/guardians and the teacher, keeping in mind the possible consequences for graduation, class rank, career preparation, or college admission. Athletes and students involved in other extra-curricular activities should pay special attention to the consequences of dropping a class and its effect on eligibility. More often than not, it is to an educational advantage to stay in the class. Once enrolled, students have the first ten (10) days to make schedule changes.

Additional Course/Credit Guidelines

- One (1) unit of credit is granted for work completed in a subject that meets one period daily for the academic year. One-half (1/2) unit of credit is granted for work completed in a subject that meets one period daily for one semester of the academic year.
- Students are expected to be enrolled in six classes per semester during the school day to be considered on track for graduation.
- High school students who register for additional classes beyond six credits through Evening School, Tempe Union Online (TUOL), etc. will be assessed tuition of $175 per course per semester and must have prior parental and school administration approval.
- Students who are co-enrolled in a Tempe Union High School District designated Joint Technological Education District (EVIT) will be provided an opportunity to enroll in the appropriate number of classes through their home campus.
- No more than 1.0 credit earned as Administrative Assistant will be counted among the twenty-three (23) credits required for graduation.
Scheduling Requirements and Co-Curricular Eligibility
Freshmen, Sophomores, and Juniors must enroll in a minimum of six credit-bearing classes. Seniors are encouraged to enroll in six classes; however, they must enroll in a minimum of four classes. Only Seniors will be allowed a release period. There must be extenuating circumstances in order for Juniors to request a release period. There are minimum course loads that must be maintained for students participating in AIA events. Consult the Assistant Principal for Athletics for details.

Students Registering for School after the 10th day of a Semester
If a student registers in a TUHSD high school after the 10th day of the semester and has not attended any school during the past 10 school days, the student may have the opportunity to earn credit if missed work is made up according to the requirement of the classroom teacher.

Books, Materials, and Supplies
Information regarding book distribution will be available to all registered students during the summer on the school’s website. Books will be lent to students at no charge. If books are not returned at the end of the year, or if they are returned in unusable condition, students will be required to pay the replacement cost.

High school students may be assessed reasonable fees for select courses and for optional services, equipment and materials offered to students beyond those required to successfully complete the basic requirements. Fees for classes will not be refunded unless students drop the class and apply for the refund within the first 10 days of the semester. Any student or family not able to pay these fees because of economic hardship should contact the school’s principal. See page 8 for the fee schedule.

<table>
<thead>
<tr>
<th>Credits and Rank</th>
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</table>

High School Credit for Coursework Prior to 9th Grade
Credits applied toward high school graduation must be earned in grades 9 through 12. The only exceptions are math courses. Credit(s) earned in these classes will be recorded on the high school transcript, but will not be included in a student’s GPA or Class Rank. Prospective college student athletes should be aware that the NCAA only recognizes approved high school courses taken in grades 8-12. Credits earned in seventh grade or prior years are not accepted by the NCAA. The NCAA acknowledges a “P” on a high school transcript as a “D”.

Transfer of Credits from Other Schools
The acceptance of credit from other schools is based upon a variety of factors: the accreditation status of the sending school, the similarity between the previous course content and the TUHSD course content, the number of days/hours for which the previous course met, and student’s grades in the course(s). In addition to transcripts, it is helpful to have a copy of the school’s course of study document, catalog or other similar information. It is advisable that transferring seniors have their credits evaluated prior to registering for courses. Any student receiving a diploma from a TUHSD high school will be expected to meet the graduation requirements identified on page 4.

Online School Transfer Credit
Acceptance of online transfer credits from sources outside the Tempe Union High School District is not automatic. It is recommended that students meet with their counselor before enrolling in courses outside TUHSD to determine what process must be followed, and to clarify whether the credit will be accepted as an elective or core credit.

Weighted Classes
Weighted courses are designed to reward the student who accepts greater challenge and more work by enrolling in the most academically demanding classes. The weight is utilized in computing class rank; the student who has taken the respective weighted course offering may have earned grades identical to those of another student, but the additional class rank point attached to the course would serve to elevate the former student’s class rank. Refer to the TUHSD Policy IKC and IKC-R (Class Rankings/Grade Point Averages) for further information.

Repeated Courses
Each time a course is attempted, the earned grade will be placed on the transcript. Credit and rank points will be given only for the highest grade earned. The course description will indicate if repeatable for credit.

Testing Out
Qualified students may “test out” of courses. A fee is charged for the service. Students who successfully test out will be awarded credit but will not be awarded a letter grade for use in GPA or rank calculations. See the Counseling Office for additional information.
| Academic Requirements |
|------------------------|-----------------|------------------|
| High School Graduation Requirements | In-State University Entrance Requirements | Highly Selective College Preparation |
| English | 4 CREDITS | 4 CREDITS | 4 CREDITS |
| Math | 4 CREDITS Algebra 1 Geometry Algebra 2 Adv Math (College Math +) | 4 CREDITS Algebra 1 Geometry Algebra 2 Adv Math (College Math +) | 4 CREDITS |
| Science | 3 CREDITS 1 Physical Science 1 Life Science 1 Additional Science | 3 CREDITS Laboratory Science 3 years total (1 year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics) | 4 CREDITS Including Chemistry and Physics |
| Social Studies | 3 CREDITS World History/Geography American/Arizona History US Government Economics | 2 CREDITS American History and one additional social studies course | 3-4 CREDITS |
| World Language | | 2 CREDITS In the same language | 3-4 CREDITS |
| Fine Arts or Career and Technical Education (CTE) | 2 CREDITS Any combination of Fine Arts or Vocational Education/CTE (Up to 1 credit may be a Practical Art) | 1 CREDIT Fine Arts or CTE | 1 CREDIT Fine Art |
| Physical Education | 1 CREDIT | | |
| Health | 0.5 CREDIT | | |
| Electives | 5.5 CREDITS | | |
Graduation Requirements

In order to graduate from the Tempe Union High School District, a student must have successfully earned twenty-three (23) credits in the areas listed below.

- **English (AZ state proficiency required)**: 4.0 credits
- **Mathematics (AZ state proficiency required)**: 4.0 credits
- **Science (minimum of 1.0 Life & 1.0 Physical Sciences)**: 3.0 credits
- **World History & Geography**: 1.0 credit
- **American/Arizona History**: 1.0 credit
- **U.S./Arizona Government**: 0.5 credit
- **Economics**: 0.5 credit
- **Health Education**: 0.5 credit
- **Physical Education***: 1.0 credit
- **Fine Arts/Practical Arts/Vocational Education (CTE)**: 1.0 credit
- **Fine Arts/Vocational Education (CTE)**: 1.0 credit
- **Electives**: 5.5 credits

Total: 23.0 credits

*Students who have participated in three complete fall semesters of high school marching band may be granted a waiver of the physical education requirement for graduation. Students may also be granted a waiver of the physical education requirement by earning 2.0 credits in military science.

**Civics Test** - Beginning with the graduating class of 2017, students are required to pass a civics test based on the United States Immigration and Naturalization civics questions. Students will be required to score sixty percent (60%) or higher in order to graduate from high school.

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<thead>
<tr>
<th><strong>GRADUATION CODE INTERPRETATIONS</strong></th>
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<td>PA</td>
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<td>VE</td>
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**Early Graduates**

A student intending to graduate in fewer than four years must first notify the Assistant Principal of Academics’ office by October 1st of the year in which he/she plans to graduate. The student is encouraged to apply in the spring of the second year. The transcript and schedule of classes will be evaluated to determine whether the student can meet the requirements for graduation. For further information, see policy IKFA.

**Late Graduates**

Students who fail to complete graduation requirements by the end of the summer school session of the graduation year must be required to meet the requirements for the year they actually graduate.
Extended Educational Programs

Evening School
Evening School offers all TUHSD students the opportunity to recover credits through a computer based program. Designed to be highly interactive, Edgenuity allows students to work at their own pace. Staffed with certified teachers and on-site counselors, a wide range of courses are offered. The small group setting supports students with one-on-one instruction and immediate feedback. The program is housed at Compadre High School. For additional information, please contact the Counseling Office.

Summer Education Academy (SEA)
The Summer Education Academy is aimed at helping students in the Tempe Union High School District recover and/or gain credits toward graduation. While engaging students during the summer months, it also prepares them for academic excellence during the traditional school year. The Summer Education Academy is open to any incoming ninth grade (freshman) through 12th grade (senior) student. SEA is conducted for two three-week sessions during late May through the month of June. For additional information, please contact your counselor.

Online Learning in Tempe Union
TUHSD offers a number of online opportunities. See your school counselor for further information regarding online courses offered in the district and the registration process of these courses.

Credit Recovery
Credit Recovery is available to all Tempe Union High School District students. Students who need to recover credit from a failed core academic course required for graduation may do so through a variety of options. See a counselor for more information. NOTE: Colleges and universities may not allow credit recovery courses to be used to meet entrance or NCAA requirements.

College Level Coursework

Dual Enrollment College Courses
Dual Enrollment courses are TUHSD courses that also carry the potential of earning college credit due to a Dual Enrollment Intergovernmental Agreement (IGA) with a community college or university. Dual credit courses require payment of college tuition. Consult a school counselor regarding dual enrollment opportunities.

Concurrent Enrollment College Courses
Concurrent enrollment courses are college courses completed at a college while a student is enrolled in a high school. Acceptance of college courses toward high school graduation requirements may be considered if the course is at a higher level than the course taught at the high school. The district determines if the subject matter of the college course is appropriate to the specific high school requirement. Successful completion of a three (3) hour concurrent credit course is equal to one-half (1/2) high school credit. Prior approval is required by the high school from which the student intends to graduate. See your Assistant Principal for Academics or counselor for further details.

Advanced Placement (AP)
Advanced Placement (AP) courses are available at all comprehensive high schools. AP courses prepare students to take the national Advanced Placement Examination administered in late spring each school year. Students may be granted advanced placement status and/or college credit based on their performance on these tests. Information regarding AP courses and examinations is available from the Counseling Office at each high school. Students enrolled in AP courses will be encouraged to take the appropriate AP examination at the end of the course. There are fees for AP exams. Students seeking fee assistance should speak with their student advisement office or AP teacher. However, students are not required to take an AP course to be eligible to take an AP examination.
Special Education

There are a variety of programs in Special Education that are available to students with identified disabilities. Eligible students are provided services from least restrictive which is provided in the general education classrooms to most inclusive which are programs on and off our campuses. Services for students eligible for special education are determined by each student’s individualized education program team. The Individualized Education Program (IEP) considers the unique strengths, needs, and preferences of each student, therefore, services range across a continuum of placement options as directed by federal and state statute and regulations. For some students a more specialized program is required. These programs are for:

- Students who are medically fragile
- Students identified with Autism who require a smaller class size with a more specialized focus
- Students with significant intellectual and communication delays working on life skills
- Students with significant emotional delays
- Students with health needs who require temporary services in their home
- Students requiring a private program for significant emotional and/or behavioral needs
- Students who are offered an Alternative to Long-Term Suspension
- Bridge to Success Transition Program as students prepare to leave school and enter adult settings

Registration for Special Education classes is arranged through the Student Services Coordinators at each site.

Gifted Program

As per Arizona State Law 15-779: School districts may identify any number of pupils as gifted but shall identify as gifted at least those pupils who score at or above the ninety-seventh percentile, based upon national norms, on a test adopted by the state board. Each school in this district has a gifted program for identified students. In addition, The Peggy Payne Academy is a program for gifted students. For more information about these programs, contact either your school counselor or The Peggy Payne Academy at 480-752-8696.

Honors Placement

Students are encouraged to participate in honors courses. See your school counselor for enrollment opportunities.

Additional Educational Programs

Tempe Union High School District offers specialized programs designed to meet the needs of specific high school students. Students should see a school counselor for more specific information. Not every program is offered at each site.

Advancement Via Individual Determination (AVID)

AVID is a college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational skills, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.

East Valley Institute of Technology (EVIT)

Tempe Union High School District cooperates with the East Valley Institute of Technology (EVIT). EVIT is a separate school district apart from TUHSD offering technical training in CTE. Completion of a series of courses culminates with a Skill Profile indicating the degree of competencies for entry level job positions. EVIT vocational/technical training can also lead to advanced education in students’ chosen fields of study. EVIT students attend vocational/technical courses one-half of each day. The other half is spent at their home high school for academic courses. Shuttle bus transportation is available between home schools and EVIT. The EVIT Course Catalog is included at the back of the TUHSD Course Catalog.

International Baccalaureate (IB)

The IB Diploma Program is a rigorous college-prep program designed for highly motivated students interested in a challenging educational experience with an international perspective. Founded in Switzerland in 1968, there are currently over 2,800 IB schools worldwide that offer the IB Diploma. Students study six major content areas built around a central philosophical core while also participating in extracurricular activities and completing individual research. Our aim is to develop students who are knowledgeable, inquiring, compassionate, and who will use cultural understanding and respect to create a more peaceful world.

There are two types of IB courses, Higher Level (HL) and Standard Level (SL). Students pursuing the IB Diploma, or diploma candidates, take six courses during their junior and seniors years, one from each of the six IB subject groups. Most IB courses are taught over two years, and at least three classes must be HL in order for a student to earn the IB Diploma. In addition to their six classes, students take Theory of Knowledge, a class that provides opportunities for students to reflect on the nature of knowledge and is central to the philosophy of the Diploma Program. They also participate in extracurricular activities (Creativity-Activity-Service, CAS) and complete individual research (Extended Essay, EE). Students may also choose to take individual IB courses without pursuing the full IB Diploma; these students are called course candidates. If you would like more information regarding this internationally recognized program, please contact the IB Coordinator at Tempe High School.
Health Occupation (H.O.P.E.)
H.O.P.E. is the Health Occupation Preparatory Education Academy at Tempe High School. It is a partnership between Tempe High and Tempe St. Luke’s Hospital. The H.O.P.E. Medical Academy presents core courses (Math, Science, Social Studies, and English) with a medical focus. Teachers from each of those subject areas work together all year to plan integrated units around medical themes. As a result, students are prepared to pursue a career in health care occupations and start their post-secondary education while still in high school. Student participants are exposed to a variety of careers in health care and complete career research projects. Opportunities, such as volunteerism, are provided to students that allow them to observe and experience health care occupations first-hand.

Indian Education
Indian Education provides academic support and services to all TUHSD Native American students. The program offers a specialist to assist students in achieving their academic goals. Please contact the Counseling Office for further information.

Additional Information

Food and Nutrition
The Food and Nutrition Department is dedicated to providing quality, affordable school meals to our students and school staff. We support learning by promoting healthy habits for lifelong nutritional practices. Tempe Union High School District participates in the National School Lunch and School Breakfast Programs. All food and beverages sold or provided during the school day meet state and federal requirements, which are based on the USDA Dietary Guidelines for Americans.

Meal Prices
Student Breakfast $1.40
Student Lunch $3.25

A la carte entrees, snacks, and beverages are also available on a daily basis at all sites. Refer to our website for a list of items and pricing.

Prepayments
Parents are encouraged to prepay for all meals. Students and staff may prepay into their nutrition accounts by check, cash, or online at www.efundsforschools.com. In order to access funds, students will be required to enter their student ID on the key pad at the point of sale.

Free and Reduced Priced Meals
Free and Reduced Priced Meals are available to families who qualify. If your family chooses to apply, please complete a Free and Reduced Priced Meals Application Form. Applications can be completed and submitted on our website at www.lunchapplication.com or obtained at each school's front office or Nutrition Center. Please allow ten (10) business days for the Food and Nutrition Department to process applications. You will be notified by email of your child’s status. Until notification, we recommend you provide your child with a lunch or lunch money.

Refunds
There is a $30.00 processing fee for refund requests for the following tuition fees: Evening School, Zero-Hour, Online Courses, and Summer Education Academy. Tuition fees of $30.00 or less are non-refundable. Tuition fee refund requests for Online Courses must be made within the first ten (10) days following registration. Tuition fee refund requests for Evening School or Summer Education Academy must be made within the first ten (10) days following the start of the session. Refunds are only made to the individual making the original payment. Requests must be accompanied with a receipt and site administrator approval. Refund checks are mailed within four to six (4 to 6) weeks upon receipt of the request in the District’s Business Office.

Athletics
Tempe Union High School District offers 24 athletic programs for our students that include: badminton (girls), baseball, basketball (boys and girls), cross country (boys and girls), football, golf (boys and girls), pompon (at some campuses), sand volleyball (girls), soccer (boys and girls), softball, swimming (boys and girls), tennis (boys and girls), track & field (boys and girls), indoor volleyball (boys and girls), and wrestling.

In order to participate in school-sponsored athletics, a parent or legal guardian must create an account, register their son/daughter with Register My Athlete (https://www.registermyathlete.com/login) and complete all of the requirements.

Please see your school's athletic department for assistance.

Activities
Each student is sure to find an activity to interest him or her among the wide variety of clubs, organizations and extracurricular activities at our schools. Approximately 80% of our students participate in some type of extracurricular activity, ranging from Auto Club to Chess to Hiking Club or Student Council. Each school offers its own mix of subject-related clubs, student government and service organizations, and personal interest and hobby-related activities. A minimum of five students can form a club by recruiting a faculty sponsor and having a constitution and charter application approved by the school's student council and administration. For further information, please visit www.tempeunion.org (Athletics & Activities) for forms and resources.
## Fee Schedule

To help offset the M&O expense of providing extra-curricular student activities in the Tempe Union High School District, a $50.00 participation fee will be charged for the activities listed below:

- A participation fee of $50.00 with a maximum of $150.00 for any one student per year and no family maximum. The activity fee does not apply to course fees.
- The principal may provide student financial assistance for a portion of the fee(s). Student Financial Assistance forms are available at each school and must be submitted to the Principal’s office for review and approval.
- Refunds can be approved by site administration only.
- Tax credit may be used to pay activity fees if requested during the initial payment of the activity fees.

Under state law ARS 4-1089.01, Arizona taxpayers can receive a dollar-for-dollar tax credit when they contribute up to $200 per year ($400 for married couples filing a joint return) to extracurricular activities in public schools.

### Activity Fees

<table>
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<tr>
<th>Athletics Participation</th>
<th>Fee</th>
<th>Other Participation</th>
<th>$50 per activity</th>
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</thead>
<tbody>
<tr>
<td>Badminton, baseball, basketball, cross country, football, golf, pompon, sand volleyball, soccer, softball, swimming, tennis, track &amp; field, volleyball and wrestling</td>
<td>$50 per activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Band, cheer/spirit-line, chess, choir, dance, drama, Esports, guitar ensemble, literary magazine, marching band, newspaper, orchestra, percussion, robotics, speech &amp; debate (forensic), student council and yearbook</td>
<td>$50 per activity</td>
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### ART

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<tr>
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</tr>
<tr>
<td>ART715</td>
<td>Crafts 3-4</td>
<td>$40</td>
</tr>
<tr>
<td>ART720</td>
<td>Crafts 5-6</td>
<td>$40</td>
</tr>
</tbody>
</table>

### CAREER AND TECHNICAL EDUCATION (CTE)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART200</td>
<td>Introduction to Computer Graphic Art</td>
<td>$25</td>
</tr>
<tr>
<td>ART210</td>
<td>2-Dimensional Graphic Art 1-2</td>
<td>$25</td>
</tr>
<tr>
<td>ART215</td>
<td>2-Dimensional Graphic Art 3-4</td>
<td>$25</td>
</tr>
<tr>
<td>ART220</td>
<td>2-Dimensional Graphic Art 5-6</td>
<td>$25</td>
</tr>
<tr>
<td>ART410</td>
<td>Photography 1-2</td>
<td>$40</td>
</tr>
<tr>
<td>ART415</td>
<td>Photography 3-4</td>
<td>$50</td>
</tr>
<tr>
<td>ART420</td>
<td>Photography 5-6</td>
<td>$50</td>
</tr>
<tr>
<td>ART425</td>
<td>Photography 7-8</td>
<td>$50</td>
</tr>
<tr>
<td>ART625</td>
<td>Animation in Film</td>
<td>$25</td>
</tr>
<tr>
<td>BUS102</td>
<td>Honors Business Management</td>
<td>$10</td>
</tr>
<tr>
<td>BUS110</td>
<td>Business Technology Applications 1-2</td>
<td>$10</td>
</tr>
<tr>
<td>BUS112</td>
<td>Business Technology Applications 3-4</td>
<td>$10</td>
</tr>
<tr>
<td>BUS200</td>
<td>Business Law</td>
<td>$10</td>
</tr>
<tr>
<td>BUS300</td>
<td>Hospitality &amp; Tourism Marketing</td>
<td>$10</td>
</tr>
<tr>
<td>BUS310</td>
<td>Sports &amp; Entertainment Marketing</td>
<td>$10</td>
</tr>
<tr>
<td>BUS320</td>
<td>Marketing</td>
<td>$25</td>
</tr>
<tr>
<td>BUS325</td>
<td>Honors Marketing</td>
<td>$25</td>
</tr>
<tr>
<td>BUS400</td>
<td>Accounting 1-2</td>
<td>$15</td>
</tr>
<tr>
<td>BUS405</td>
<td>Accounting 3-4</td>
<td>$15</td>
</tr>
<tr>
<td>BUS410</td>
<td>Honors Accounting 1-2</td>
<td>$15</td>
</tr>
<tr>
<td>BUS412</td>
<td>Honors Accounting 3-4</td>
<td>$15</td>
</tr>
<tr>
<td>BUS420</td>
<td>Finance for Business Management</td>
<td>$10</td>
</tr>
<tr>
<td>BUS600</td>
<td>Advanced Business Marketing</td>
<td>$25</td>
</tr>
<tr>
<td>BUS610</td>
<td>Honors Advanced Business Marketing</td>
<td>$25</td>
</tr>
<tr>
<td>BUS620</td>
<td>Advanced Business Management</td>
<td>$25</td>
</tr>
<tr>
<td>BUS900</td>
<td>Technology, Leadership &amp; Career Success</td>
<td>$10</td>
</tr>
<tr>
<td>CMT510</td>
<td>Film and TV Production 1-2</td>
<td>$25</td>
</tr>
<tr>
<td>CMT515</td>
<td>Film and TV Production 3-4</td>
<td>$25</td>
</tr>
<tr>
<td>CMT520</td>
<td>Film and TV Production 5-6</td>
<td>$25</td>
</tr>
<tr>
<td>CMT525</td>
<td>Film and TV Production 7-8</td>
<td>$25</td>
</tr>
<tr>
<td>FCS110</td>
<td>Culinary Arts 1-2</td>
<td>$50</td>
</tr>
<tr>
<td>FCS115</td>
<td>Culinary Arts 3-4</td>
<td>$50</td>
</tr>
<tr>
<td>FCS120</td>
<td>Culinary Arts 5-6</td>
<td>$50</td>
</tr>
<tr>
<td>FCS125</td>
<td>Culinary Arts 7-8</td>
<td>$50</td>
</tr>
<tr>
<td>FCS210</td>
<td>Early Childhood 1-2</td>
<td>$30</td>
</tr>
<tr>
<td>FCS215</td>
<td>Early Childhood 3-4</td>
<td>$35</td>
</tr>
<tr>
<td>FCS220</td>
<td>Early Childhood 5-6</td>
<td>$50</td>
</tr>
<tr>
<td>FCS225</td>
<td>Early Childhood 7-8</td>
<td>$50</td>
</tr>
</tbody>
</table>
### FCS240
- Aspire to Teach
- $50

### SCI250
- Biotechnology 1-2
- $50

### SCI255
- Honors Biotechnology 1-2
- $50

### SCI260
- Biotechnology 3-4
- $50

### SCI265
- Honors Biotechnology 3-4
- $50

### TEC100
- Engineering 1-2
- $30

### TEC110
- Engineering 3-4
- $50

### TEC115
- Honors Engineering 3-4
- $50

### TEC120
- Engineering 5-6
- $50

### TEC125
- Honors Engineering 5-6
- $50

### TEC130
- Engineering 7-8
- $50

### TEC135
- Honors Engineering 7-8
- $50

### TEC210
- Automotive Technology 1-2
- $30

### TEC215
- Automotive Technology 3-4
- $30

### TEC220
- Automotive Technology 5-6
- $30

### TEC300
- Construction Technology 1-2
- $40

### TEC310
- Construction Technology 3-4
- $40

### TEC320
- Construction Technology 5-6
- $40

### TEC325
- Construction Technology 7-8
- $40

### TEC510
- Cisco Networking
- $20

### TEC520
- Computer Manufacturing
- $20

### TEC520
- Technical Theatre 1-2
- $50

### TND150
- Technical Theatre 3-4
- $50

### TND155
- Technical Theatre 5-6
- $50

### TND160
- Technical Theatre 7-8
- $50

### TND165
- Honors Technical Theatre Exploration & Performance
- $50

---

### DANCE

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED210</td>
<td>Intermediate Dance</td>
<td>$10</td>
</tr>
<tr>
<td>PED220</td>
<td>Advanced Dance</td>
<td>$10</td>
</tr>
</tbody>
</table>

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### ENGLISH

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG450</td>
<td>Children's Literature</td>
<td>$20</td>
</tr>
</tbody>
</table>

---

### MUSIC

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS110</td>
<td>Choir 1-2</td>
<td>$30</td>
</tr>
<tr>
<td>MUS120</td>
<td>Choir 3-4</td>
<td>$30</td>
</tr>
<tr>
<td>MUS130</td>
<td>Choir 5-6</td>
<td>$30</td>
</tr>
<tr>
<td>MUS140</td>
<td>Choir 7-8</td>
<td>$30</td>
</tr>
<tr>
<td>MUS170</td>
<td>Basic Music</td>
<td>$25</td>
</tr>
<tr>
<td>MUS210</td>
<td>Beginning Orchestra</td>
<td>$30</td>
</tr>
<tr>
<td>MUS220</td>
<td>Concert String Orchestra</td>
<td>$30</td>
</tr>
<tr>
<td>MUS230</td>
<td>Symphony Orchestra</td>
<td>$30</td>
</tr>
<tr>
<td>MUS240</td>
<td>Chamber Orchestra</td>
<td>$30</td>
</tr>
<tr>
<td>MUS300</td>
<td>Marching Band</td>
<td>$30</td>
</tr>
<tr>
<td>MUS310</td>
<td>Junior Varsity Band</td>
<td>$30</td>
</tr>
<tr>
<td>MUS320</td>
<td>Intermediate Band</td>
<td>$30</td>
</tr>
<tr>
<td>MUS330</td>
<td>Varsity Band</td>
<td>$30</td>
</tr>
<tr>
<td>MUS335</td>
<td>Percussion Class</td>
<td>$30</td>
</tr>
<tr>
<td>MUS350</td>
<td>Jazz Ensemble</td>
<td>$30</td>
</tr>
<tr>
<td>MUS360</td>
<td>Mariachi Concierto 1-2</td>
<td>$30</td>
</tr>
<tr>
<td>MUS370</td>
<td>Mariachi Sinfonico 3-4</td>
<td>$30</td>
</tr>
<tr>
<td>MUS380</td>
<td>Mariachi Virtuoso 5-6</td>
<td>$30</td>
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</table>

### PERSONAL DEVELOPMENT

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCS200</td>
<td>Life 101</td>
<td>$20</td>
</tr>
<tr>
<td>FCS205</td>
<td>Life Choices</td>
<td>$30</td>
</tr>
</tbody>
</table>

### THEATRE

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>TND110</td>
<td>Theatre 1-2</td>
<td>$15</td>
</tr>
<tr>
<td>TND120</td>
<td>Theatre 3-4</td>
<td>$15</td>
</tr>
<tr>
<td>TND130</td>
<td>Theatre 5-6</td>
<td>$15</td>
</tr>
<tr>
<td>TND170</td>
<td>Honors Theatre Exploration &amp; Performance</td>
<td>$15</td>
</tr>
</tbody>
</table>
Additional elective English courses not listed in the sequences below are available. Please consult a school counselor to determine the courses that best meet individual academic goals.

*For current course offerings, please contact the Counseling Office.*

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Freshman English</td>
<td>Sophomore English</td>
<td>Junior English</td>
<td>Senior English</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Creative Writing and Advanced Creative Writing</td>
</tr>
<tr>
<td>Advanced</td>
<td>Honors Freshman English</td>
<td>Honors Sophomore English</td>
<td>Honors Junior English</td>
<td>Advanced Composition</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AP English: Literature and Composition</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Humanities/Composition</td>
</tr>
</tbody>
</table>
Mathematics

Additional elective math courses not listed in the sequences below are available. Please consult a school counselor to determine the courses that best meet individual academic goals.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>College Mathematics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Statistics</td>
</tr>
<tr>
<td>Advanced</td>
<td>Honors Geometry</td>
<td>Honors Algebra 2</td>
<td>Honors Finite Mathematics and Honors Brief Calculus</td>
<td>AP Calculus AB</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AP Calculus BC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AP Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Honors Calculus III and Differential Equations</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Honors Linear Algebra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Honors Trigonometry</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Advanced Math Seminar</td>
</tr>
</tbody>
</table>

For two (2) years advanced, begin with Honors Algebra 2.

For current course offerings, please see the Counseling Office.
Additional elective science courses not listed in the sequences below are available. Please consult a school counselor to determine the courses that best meet individual academic goals.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade/12th Grade</th>
</tr>
</thead>
</table>
| Integrated Science | Biology 1-2 | | Biotechnology 1-2  
| | | | Biotechnology 3-4  
| | | | Biology 3-4  
| | | | Botany 1-2  
| | | | Botany 3-4  
| | | | Chemistry 1-2  
| | | | Earth Science  
| | | | Environmental Science  
| | | | Exercise Physiology  
| | | | Forensic Science  
| | | | Human Anatomy and Physiology  
| | | | Physics 1-2  
| | | | Sustainability 1-2  
| | | | Sustainability 3-4  
| | | | Zoology/Botany  
| Honors Integrated Science | Honors Biology 1-2 | | Honors Advanced Biology 3-4  
| | | | Honors Biotechnology 1-2  
| | | | Honors Biotechnology 3-4  
| | | | Honors Botany 1-2  
| | | | Honors Chemistry  
| | | | Honors Earth Science  
| | | | Honors Exercise Physiology  
| | | | Honors Human Anatomy & Physiology  
| | | | Honors Physics 1-2  
| | | | Honors Physics 3-4  
| | | | Organic Chemistry I: Lecture and Lab  
| | | | AP Biology  
| | | | AP Chemistry  
| | | | AP Environmental Science  
| | | | AP Physics 1  
| | | | AP Physics 2  
| | | | AP Physics C  
| | | | Honors Zoology/Botany  

There are multiple combinations of science offerings at the junior/senior level. See site for specific program sequence.
Social Studies

Additional elective social studies courses not listed in the sequences below are available. Please consult a school counselor to determine the courses that best meet individual academic goals.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>World History/Geography</td>
<td>American/Arizona History</td>
<td>Economics</td>
</tr>
<tr>
<td><strong>Advanced</strong></td>
<td></td>
<td>Honors World History/Geography</td>
<td>AP U.S. History</td>
<td>Honors Economics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP World History: Modern</td>
<td></td>
<td>AP Micro/Macro Economics</td>
</tr>
</tbody>
</table>

For current course offerings, please see the Counseling Office.

U.S./AZ Government is a required one semester class. The Economics requirement may be met by taking the following one semester courses: Economics or Business and Economic Applications. The Economics requirement may also be met by taking the following one year courses: Advanced Business Marketing or Honors Advanced Business Marketing.
CTE offers many program choices that include project based instruction and includes opportunities for industry certifications and participation in student organizations. In addition, these programs include dual enrollment opportunities with local community colleges and universities, and participation in work/industry experiences.

The following is a list of programs and suggested minimal course sequences for all CTE programs available in the district. (For some programs additional courses may be available to replace the listed courses. In addition, all programs have additional courses students may take beyond the minimal required sequence listed. All courses offered under these programs are listed and described in the pages immediately following the sequencing chart, organized by program.)

<table>
<thead>
<tr>
<th>Accounting</th>
<th>Automotive Technologies</th>
<th>Bioscience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Accounting 1-2</td>
<td>Year 1: Automotive Technology 1-2</td>
<td>Year 1: Biotechnology 1-2</td>
</tr>
<tr>
<td>Year 2: Accounting 3-4</td>
<td>Year 2: Automotive Technology 3-4</td>
<td>Year 2: Biotechnology 3-4</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td>3 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: FBLA</td>
<td>Student Organization: Skills USA</td>
<td>Student Organization: HOSA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Business Management</th>
<th>Business Operations Support</th>
<th>Construction Technologies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Business Management</td>
<td>Year 1: Business Technology Applications 1-2</td>
<td>Year 1: Construction Technology 1-2</td>
</tr>
<tr>
<td>Year 2: Adv. Business Management</td>
<td>Year 2: Business Technology Applications 3-4</td>
<td>Year 2: Construction Technology 3-4</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: FBLA</td>
<td>Student Organization: FBLA</td>
<td>Student Organization: Skills USA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Culinary Arts</th>
<th>Digital Communications</th>
<th>Digital Photography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Culinary Arts 1-2</td>
<td>Year 1: Media and Publications 1-2</td>
<td>Year 1: Photography 1-2</td>
</tr>
<tr>
<td>Year 2: Culinary Arts 3-4</td>
<td>Year 2: Media and Publications 3-4</td>
<td>Year 2: Photography 3-4</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: FCCLA</td>
<td>Student Organization: FBLA</td>
<td>Student Organization: Skills USA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Early Childhood Education</th>
<th>Engineering Sciences</th>
<th>Film &amp; TV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Early Childhood 1-2</td>
<td>Year 1: Engineering 1-2</td>
<td>Year 1: Film &amp; TV Production 1-2</td>
</tr>
<tr>
<td>Year 2: Early Childhood 3-4</td>
<td>Year 2: Engineering 3-4</td>
<td>Year 2: Film &amp; TV Production 3-4</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td>Year 3: Engineering 5-6</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: FCCLA/EdRising</td>
<td>3 Years = Program Completion</td>
<td>Student Organization: Skills USA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graphics/Web Design</th>
<th>Law, Public Safety &amp; Security</th>
<th>Marketing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: 2-Dimensional Graphic Art 1-2</td>
<td>Year 1: Criminal Justice 1-2</td>
<td>Year 1: Marketing</td>
</tr>
<tr>
<td>Year 2: 2-Dimensional Graphic Art 3-4</td>
<td>Year 2: Criminal Justice 3-4</td>
<td>Year 2: Adv. Business Marketing</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: FBLA/Skills USA</td>
<td>Student Organization: Skills USA</td>
<td>Student Organizations: DECA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Software &amp; App Design</th>
<th>Sports Medicine &amp; Rehabilitation</th>
<th>Technical Theatre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Honors Computer:</td>
<td>Year 1: Sports Medicine 1-2</td>
<td>Year 1: Technical Theatre 1-2</td>
</tr>
<tr>
<td>Programming 1-2</td>
<td>Year 2: Sports Medicine 3-4</td>
<td>Year 2: Technical Theatre 3-4</td>
</tr>
<tr>
<td>Year 2: Honors Computer:</td>
<td></td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Programming 3-4</td>
<td></td>
<td>Student Organization: Skills USA</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td></td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organizations: Skills USA</td>
<td></td>
<td>Student Organization: Skills USA</td>
</tr>
</tbody>
</table>

In addition to the availability of the above CTE programs, students in TUHSD also have the opportunity to complete CTE programs at the East Valley Institute of Technology (EVIT). Additional information can be found about EVIT programs on page 89.
2020-2021
Course Offerings
### Career Exploration

**BUS900 Technology, Leadership, and Career Success**  
Credit: 1.0  
This introductory course will assist students in acquiring the necessary skills to be successful in high school and beyond. An emphasis will be placed on learning Microsoft Applications: Word, Excel, PowerPoint, Access and Publisher. Students will utilize these applications to create highly effective projects throughout their academic and professional career. In this course, students will develop the 21st century skills necessary for success in school, work, and life such as critical thinking, problem solving, time management, organization, collaboration, effective communication, technology and information literacy, and leadership. Students will also explore careers and career paths, and learn about the CTE courses and programs currently available to assist students in their career path decisions. Dual Enrollment credit available through Rio Salado.  
[Board Adopted 2018]  
**Duration:** 1 Year  
**Graduation Code:** EL  
**Course Fee:** $10.00

### Accounting

**BUS400 Accounting 1-2**  
Credit: 1.0  
Accounting 1-2 is essential for students planning to pursue a career or degree in business, marketing, finance, accounting or management. Students are introduced to the accounting cycle and will apply basic accounting principles to both service and merchandising businesses. Topics covered include: analyzing, journalizing and posting transactions; utilizing special journals including accounts payable and accounts receivable subsidiary ledgers; payroll accounting, taxes, and reports; cash control systems; creating, interpreting, and analyzing financial statements; and accounting for plant assets and depreciation. Students may experience applications supporting the Arizona Academic Math Standards.  
[Board Adopted 2011] [Board Revised 2016]  
**Duration:** 1 Year  
**Graduation Code:** VE  
**Course Fee:** $15.00

**BUS405 Accounting 3-4**  
Credit: 1.0  
Accounting 3-4 is designed to develop occupational competencies as well as become familiar with more advanced accounting concepts after Accounting 1-2 competencies have been met. Topics covered within Accounting 3-4 include: departmentalized accounting; inventory planning and valuation; accounting for plant assets, methods of depreciation, and disposition of plant assets; notes payable, prepaid expenses, and accrued expenses; capital stock, treasury stocks, and bonds payable transactions; budgetary planning and control; cost-volume-profit analysis; present value analysis; and manufacturing cost accounting. Students will learn to use QuickBooks and will take the QuickBooks certification test to validate their abilities and knowledge for an accounting career. These concepts and skills will provide a substantial foundation for initial employment and possible advancement in accounting occupations as well as in professional careers through collegiate study. Students may experience applications supporting the Arizona Academic Math Standards. The course completes the sequence in the two-year Accounting Program.  
[Board Adopted 1997] [Board Revised 2004] [Board Revised 2016] [Board Revised 2017]  
**Duration:** 1 Year  
**Graduation Code:** VE  
**Course Fee:** $15.00

**BUS410 Honors Accounting 1-2**  
Credit: 1.0  
Honors Accounting 1-2 is an introductory college-level instructional course designed to help students succeed by meeting and even anticipating the demands of the modern world of accounting. Topics covered include: analyzing, journalizing, and posting transactions; utilizing special journals including accounts payable and accounts receivable subsidiary ledgers; payroll accounting, taxes, and reports; cash control systems; creating, interpreting, and analyzing financial statements; and accounting for plant assets and depreciation. Automated accounting software is utilized to simulate real world experiences. Students may experience applications supporting the Arizona Academic Math Standards.  
[Board Adopted 1997] [Board Revised 2004] [Board Revised 2016]  
**Duration:** 1 Year  
**Graduation Code:** VE  
**Course Fee:** $15.00

**BUS412 Honors Accounting 3-4**  
Credit: 1.0  
Honors Accounting 3-4 is an advanced college-level instructional course designed to help students who have met all of the competencies of Honors Accounting 1-2 as they continue to develop their skills and knowledge for success in the modern world of accounting. Topics covered within Honors Accounting 3-4 include: departmentalized accounting; inventory planning and valuation; accounting for plant assets; methods of depreciation and disposition of plant assets; notes payable, prepaid expenses, and accrued expenses; capital stock, treasury stock, and bonds payable transactions; budgetary planning and control; cost-volume-profit analysis; and manufacturing cost accounting. Automated accounting software is utilized to simulate real world experiences. Students will learn to use QuickBooks and will take the QuickBooks certification test to validate their abilities and knowledge for an accounting career. These concepts and skills will provide a substantial foundation for initial employment and possible advancement in accounting occupations and professional careers through collegiate study. Students may experience applications supporting the Arizona Academic Math Standards. The course completes the sequence in the two-year Accounting Program.  
[Board Adopted 2016] [Board Revised 2017]  
**Duration:** 1 Year  
**Graduation Code:** VE  
**Course Fee:** $15.00

[Underline = NCAA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[Italics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
Animation

ART625  Animation in Film  Credit: 1.0
This course introduces a variety of basic animation techniques for cinema and television, such as hand-drawn, claymation, cutout, stop-motion and flash animation, with an emphasis on the use of computer technology. Examples of diverse animation genres and styles (experimental, cartoon, anime, special effects, computer games) from different cultures will be screened and discussed. Students will explore the unique qualities of the medium through a series of hands-on projects that can be adapted to their own personal interests. They will learn about professional animation process (storyboard and animatic) during the production of a final project that encourages them to consider the role and potential of animation in our society. (May be repeated for credit) [Board Adopted 2019]
Duration: 1 Year  Course Fee: $25.00
Graduation Code: VE

Automotive Technologies

TEC210  Automotive Technology 1-2  Credit: 1.0
This course provides the student with the basic knowledge and understanding of the automotive field. This course is designed for the student interested in Automotive/Transportation Technology and the automotive hobbyist. The course covers safety in the lab, theory of operations, construction, maintenance, repair and adjustments of automotive components, the history and impact of transportation on society, and changing trends in transportation technology. The class is divided into two parts: classroom lecture/discussion and “hands on” lab experience. [Board Adopted] [Board Revised 2003] [Board Revised 2007]
Duration: 1 Year  Course Fee: $30.00
Graduation Code: VE

TEC215  Automotive Technology 3-4  Credit: 1.0
Automotive Technology 3-4 is for the student who is serious about automotive mechanics. The student must be planning a career in the automotive industry or planning to enroll in an advanced preparation program. This course covers career and technical program knowledge and equipment skills necessary for initial employment in the automotive industry. A student may be given Math credit upon successfully completing Automotive Technology 1-2 and 3-4 and having passed Math AIMS. Arizona Academic Math and Language Arts Standards (AIMS) are integrated throughout the curriculum. [Board Adopted 1998] [Board Revised 2007] [Board Revised 2010]
Duration: 1 Year  Course Fee: $30.00
Graduation Code: MA, VE

TEC220  Automotive Technology 5-6  Credit: 1.0
This course is for the student who has completed Automotive Technology 1-2 and 3-4 and is serious about automotive mechanics. The student must be planning a career in some field of the automotive industry or planning to enroll in an advanced preparation program. This course covers career and technical program knowledge and equipment skills necessary for initial employment in the auto mechanics field. [Board Adopted 2009]
Duration: 1 Year  Course Fee: $30.00
Graduation Code: VE

Bioscience

SCI250  Biotechnology 1-2  Credit: 1.0
This course is designed to provide students with the knowledge and understanding of biotechnology, as well as its uses and influence in society. The course will examine the information, the application, and the ethics of a number of technologies. These may include cellular (cloning, stem cells, antibodies), genetic (gene splicing, genomics, electrophoresis), environmental (remote sensing, biohazard remediation), and agricultural topics. It should also prepare students for pursuit of lab technician training or higher educational opportunities in this field. [Board Adopted 1994] [Board Revised 2007] [Board Revised 2008] [Board Revised 2017]
Duration: 1 Year  Course Fee: $50.00
Graduation Code: LS, VE

SCI255  Honors Biotechnology 1-2*  Credit: 1.0
This course is designed to provide students with the knowledge and understanding of biotechnology, as well as its uses and influence on society. The course will examine the information, the application, and the ethics of a number of technologies. These may include cellular (cloning, stem cells, antibodies), genetic (gene splicing, genomics, electrophoresis), environmental (remote sensing, biohazard remediation), and agricultural topics. It should also prepare students for pursuit of lab technician training or higher educational opportunities in this field. Independent lab work and research will be an important component of this course. As part of the classroom instruction, hands-on instruction, career based experience, and leadership development. Students will also be provided with the opportunity to join HOSA, the career and technical student organization for Bioscience. [Board Adopted 2016] [Board Revised 2017]
Duration: 1 Year  Course Fee: $50.00
Graduation Code: LS, VE

SCI260  Biotechnology 3-4  Credit: 1.0
This course applies the concepts of molecular and cellular biology (of bacteria, animals, and plants) to real-world problems, and builds upon the concepts learned in Biotechnology 1-2. Students will learn methods of culturing microorganisms, recombinant DNA technology, and genetic analysis. Students will learn how to use the basic equipment found in a typical molecular and cellular biology laboratory, as well as bacteriological technique. [Board Adopted 2008] [Board Revised 2017]
Duration: 1 Year  Course Fee: $50.00
Graduation Code: LS, VE

[Underline = NCA Approved Core Course]  [Balics underline = Requires student IEP to earn NCA core rank]  [* = Weighted rank status]
SCI265  **Honors Biotechnology 3-4**  Credit: 1.0
This course applies the concepts of molecular and cellular biology (of bacteria, animals, and plants) to real-world problems, and builds upon the concepts learned in Biotechnology 1-2. Students will learn theory and methods of culturing microorganisms, recombinant DNA technology, and genetic analysis. Students will learn how to use and maintain the basic equipment found in a typical molecular and cellular biology laboratory, as well as bacteriological technique. Independent lab work and research will be an important component of this course. [Board Adopted 2008] [Board Revised 2017]

**Duration:** 1 Year  
**Graduation Code:** LS, VE  
**Course Fee:** $50.00

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**Business Management**

**BUS100  Business Management**  Credit: 1.0
This course, designed to provide a fundamental understanding of business management, will cover managing, marketing, financing and communicating within a business environment. Skills taught will include communication, problem solving and decision-making, economics, ethics, financial, and basic marketing principles. Students will experience applications supporting the Arizona Academic Math Standards. Assignments are individual and project based and will provide a solid foundation for future coursework. [Board Adopted 2000] [Board Revised 2003]

**Duration:** 1 Year  
**Graduation Code:** VE  
**Course Fee:** $10.00

**BUS102  Honors Business Management**  Credit: 1.0
Students who enroll for Honors Business Management will be required to complete and present during a Career and Technical Student Organization competitive event an extensive research project to earn honors credit. This course is designed to provide a broad understanding of a variety of Business Management and Administrative Services functions including management, promotion, finance, communication, problem solving, decision making, economic reasoning, financial, and marketing skills needed for an effective and efficient business environment. Students will experience both individual and group based projects throughout the course. [Board Adopted 2017]

**Duration:** 1 Year  
**Graduation Code:** VE  
**Course Fee:** $10.00

**BUS200  Business Law**  Credit: 0.5
This course involves the study of how our nation's laws were formed, the ethics behind our laws, our kinds of law, how laws are enforced, and the difference between crimes and torts. Laws for minors, families, and consumers will also be studied. However, the main emphasis of this course will be the study of contracts—different types, how they are formed and ended, and damages. [Board Adopted 1997] [Board Revised 2003]

**Duration:** 1 Semester  
**Graduation Code:** VE  
**Course Fee:** $10.00

**BUS420  Finance for Business Management**  Credit: 0.5
Finance for Business Management introduces students to basic financial planning concepts and illustrates how these concepts apply to everyday life. Topics covered include career planning and development, goal setting, personal budgeting, cash flow analysis, tax planning, use of credit, savings and investment programs, changes in housing situations, major consumer purchases, insurance needs and retirement and estate planning. Students may experience applications supporting the Arizona Academic Math Standards. [Board Adopted 1997] [Board Revised 2004] [Board Revised 2017]

**Duration:** 1 Semester  
**Graduation Code:** VE  
**Course Fee:** $10.00

**BUS500  Business and Economic Applications**  Credit: 0.5
This course provides students opportunities to determine benefits and risks of self-employment and develop a specific competence in starting a small business. Students will experience application of the following Arizona Economics Standards: implications of scarcity, analysis of current events, interdependence of households and firms, comparison of different economic systems, principles of microeconomics and macroeconomics, the economic role of government, effects of international trade, and financial choices. Students will also experience application of the following Arizona Academic Math Standards: number sense, data analysis and probability, patterns and algebra, discrete math, and logic. (This course meets state economic standards and the TUHS District economics credit requirements.) [Board Adopted 2000] [Board Revised 2003] [Board Revised 2007] [Board Revised 2017]

**Duration:** 1 Semester  
**Graduation Code:** VE  
**Course Fee:** $10.00

**BUS620  Advanced Business Management**  Credit: 1.0
This course provides students with an understanding of business and management principles and applications, internet and e-commerce, human relations and team building skills, spreadsheet and data base management functions, word processing skills, personal and professional ethics, financial skills, communication skills, electronic presentations in public speaking, and other professional skills for college readiness and employment in a business environment. [Board Adopted 2000] [Board Revised 2007] [Revised 2012] [Board Revised 2017] [Board Revised 2019]

**Duration:** 1 Year  
**Graduation Code:** VE  
**Course Fee:** $25.00

**BUS630  Business Management Internship**  Credit: 0.5
This course utilizes a Career and Technical Education Internship model to provide seniors who are Business Management program completers with an interest in work-based learning an opportunity to advance their knowledge and skills in communicating, problem-solving, decision making, service, and computer applications through on the job training in a business environment. Students will earn 0.5 credit for every 135 hours worked per semester, up to 1.0 credit per semester, for working in a paid or unpaid business internship. Course may be repeated for credit up to a maximum of 2.0 credits. [Board Adopted 2000] [Board Revised 2007] [Revised 2012] [Board Revised 2017] [Board Revised 2019]

**Duration:** 1 Semester  
**Graduation Code:** VE

[Underline = NCAA Approved Core Course]  
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[italics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
Business Operations Support

BUS110  Business Technology Applications 1-2  Credit 1.0
Students will learn and apply software, multimedia, and web-based programs such as Microsoft Office (including Access database); Flash (digital animation); desktop publishing and webpage software; Google Applications; and an introduction to the Adobe Creative Suite (including Photoshop). Essential internet skills such as social networking and video communication etiquette and web page creation will be integrated into this project-based class. Students will complete an employment unit to prepare traditional paper-based employment documents as well as on-line practices including digital documents and video resumes. Arizona College and Career Readiness Standards are integrated throughout the curriculum. [Board Adopted 2000] [Board Revised 2003] [Board Revised 2004] [Board Revised 2010] [Board Revised 2017] 
Duration: 1 Year  Course Fee: $10.00
Graduation Code: VE

BUS112  Business Technology Applications 3-4  Credit: 1.0
This course is for students who have completed Business Technology Applications 1-2 and is the second course in the sequence for the Business Operations Support. Students will learn and apply advanced skills in using software applications for creating and editing documents, presentations, spreadsheets, databases, graphics, video and web pages specifically as they relate to business operations/business applications. Students will also develop workplace employability skills essential for careers in business including: working collaboratively on digital projects, managing email contacts and digital calendars, managing business records, planning and participating in business meetings, preparing business travel arrangements, managing cash and payments for a business, and business banking procedures. Arizona College and Career Readiness Standards are integrated throughout the curriculum. [Board Adopted 2017]  
Duration: 1 Year  Course Fee: $10.00
Graduation Code: VE

Computer Maintenance

TEC500  Introduction to Information Technology  Credit: 1.0
This course will provide students with the opportunity to use technology, to identify and apply technological operations of communication systems, and to demonstrate the operation of hardware items that support data output from appropriate software. Students will acquire knowledge and skills in the areas of computer hardware, software, and networks. (Tempe H.S. only) [Board Adopted 2004]  
Duration: 1 Year  
Graduation Code: VE

TEC510  CISCO Networking*  Credit: 1.0
This course is designed to provide students with classroom and laboratory experience in current and emerging networking technology. Students will learn to design, build, and maintain small to medium size networks. Instruction includes safety, networking, network terminology and protocols, local-area networks, Open System Interconnection models, cabling, cabling tools, routers, router programming, Ethernet, Internet Protocol addressing, and network standards. Particular emphasis is given to the use of decision-making and problem solving techniques in applying science, mathematics, communication, and social studies concepts to solve networking problems. The student will experience applications supporting the Arizona Math Standards. (May be repeated for credit) [Board Adopted 2001]  
Duration: 1 Year  Course Fee: $20.00
Graduation Code: VE

TEC520  Computer Manufacturing  Credit: 1.0
Students enrolled in this course will work towards CompTIA A+ Computer Repair Certification. Each student will complete a curriculum that includes but is not limited to computer refurbishing, materials management, component identifications, troubleshooting, and software applications. Students will have the opportunity to troubleshoot and refurbish computers. The software and hardware installation will require troubleshooting skills. Many students need two years to complete the skills necessary for A+ Computer Repair Certification. Advanced students work as team managers and product specialists. (May be repeated for credit) [Board Adopted 2000]  
Duration: 1 Year  Course Fee: $20.00
Graduation Code: VE

Construction Technologies

TEC310  Construction Technology 1-2  Credit: 1.0
An introductory course for students to explore woodworking and construction technology. Students will explore skills, materials, methods, and processes that will provide them with career awareness. The student will obtain basic working knowledge of woodworking skills and construction trade skills through hands on experience in a lab setting, with emphasis on safe use of hand tools, portable power tools, and stationary power equipment. The student will develop work place skills through career and job exploration, leadership style and techniques, construction economy, organization, oral/written communications, and mathematics related to the industry. [Board Adopted 1998] [Board Revised 2004] [Board Revised 2017]  
Duration: 1 Year  Course Fee: $40.00
Graduation Code: VE

[Underline = NCAA Approved Core Course]  
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[bolics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
TEC315  Construction Technology 3-4  Credit: 1.0
An intermediate course for students with a greater interest in building trades profession. This course will include a safe hands-on and applied study of wood frame construction, masonry, concrete, tile, drywall, plumbing, water distribution and electrical. Students will perform record and management duties, demonstrate oral and written communication skills as well as apply mathematic concepts related to construction. The program will include career and job exploration, entrepreneurship, management and leadership skills. [Board Adopted 2002] [Board Revised 2004] [Board Revised 2010] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $40.00

TEC320  Construction Technology 5-6  Credit: 1.0
An advanced course specifically detailing the areas of machine and power tool operations, safety, and maintenance. This course will give the student a strong working and applied understanding of finish carpentry, cabinet design and production, blue print reading, cabinet and door construction and installation, interior and exterior finishing, as well as keeping accurate performance and management records. Through the use of model construction, the student will begin to develop an understanding of floor, frame, and roof construction. The student will further develop work place skills by means of written and oral communications, job and career exploration, work place safety, mathematics related to the industry, and leadership techniques. [Board Adopted 2002] [Board Revised 2004] [Board Revised 2010] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $40.00

TEC325  Construction Technology 7-8  Credit: 1.0
An advanced course of study designed for the student with a strong desire to pursue one or more of the Building Trades professions or occupations. Student will meet with the instructor to determine his/her individualized project-based study to include: structural design and fabrication, electrical, plumbing, masonry, concrete, cabinet design and construction, and finishing. The student, with the instructor’s guidance, will investigate apprenticeship programs, trade schools, technical schools and/or universities. The student will apply for scholarships at institutions of higher learning offering his/her choices of career and occupations. [Board Adopted 2002] [Board Revised 2004] [Board Revised 2010] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $40.00

Culinary Arts

FCS110  Culinary Arts 1-2  Credit: 1.0
Culinary Arts 1-2 gives students the opportunity to learn food preparation and nutrition. Principles of food preparation, food safety, the proper and safe use of equipment, food selection and storage, and the preparation of a variety of foods are examined along with guidelines for making healthy choices. Food laboratory experiences emphasize teamwork and job success. Skills learned can be transferred to entry-level food service careers. Students experience applications supporting the Arizona Academic Math Standards. [Board Adopted 2009] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $50.00

FCS115  Culinary Arts 3-4  Credit: 1.0
Culinary Arts 3-4 is an advanced course that builds on the knowledge and skills learned in Culinary Arts 1-2. Students develop skills in all facets of the food service industry. Advanced meal planning and food preparation techniques are experienced. This course utilizes laboratory experiences in the exploration of American and International cuisine. Students will experience applications that support the Arizona Academic Math Standards. [Board Adopted 2009] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $50.00

FCS120  Culinary Arts 5-6  Credit: 1.0
Culinary Arts 5-6 is an advanced class that prepares students for employment and/or entry into post-secondary education in the food production and service industry. This class provides students the opportunity to apply the skills they have acquired in the Culinary Arts 1-4 classes in greater depth and expand their knowledge of Culinary Arts. [Board Adopted 2009] [Board Revised 2012] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $50.00

FCS125  Culinary Arts 7-8  Credit: 1.0
Culinary Arts 7-8 is an advanced application, and will serve as a capstone experience for students who have previously completed three years of culinary coursework. This class prepares students for gainful employment and/or entry into post-secondary education in the food production and service industry. The course content will provide students the opportunity to apply marketable culinary arts skills they have acquired by assuming increasingly responsible positions including participation in a cooperative education experience. [Board Adopted 2012] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $50.00

[Underline = NCAA Approved Core Course]  
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[italics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
FCS150  Advanced Culinary Arts Studies  Credit: 1.0
This course is designed for students who want to advance their knowledge and skills to prepare for employment in culinary arts, food service, catering, and restaurant operations. Participation in the FCCLA organization is an integral component of the overall experience. [Board Adopted 2016] [Board Revised 2019]
Duration: 1 Year
Graduation Code: VE

FCS160  Culinary Arts Internship  Credit: 0.5
This course utilizes a Career and Technical Education Internship model to provide seniors who are Culinary Arts program completers with an interest in work-based learning an opportunity to advance their knowledge and skills in food service, catering, and restaurant operations through on the job training in a school-based, restaurant, or catering culinary business. Students will earn 0.5 credit for every 135 hours worked per semester, up to 1.0 credit per semester, for working in a paid or unpaid internship related to Culinary Arts. Course may be repeated for credit up to a maximum of 2.0 credits. [Board Adopted 2016] [Board Revised 2019]
Duration: 1 Semester
Graduation Code: VE

Digital Communications

CMT701  Media and Publications 1-2  Credit: 1.0
This course is designed to teach entry level skills of multimedia and print journalism. Skills will include content creation for newspapers, yearbooks and social media platforms through photography, conducting interviews, and news and feature writing. Students will learn layout and design, headlines, captions, and copy writing. Students will use industry standard publishing and multimedia software. Students will manage, transfer, and deliver content. Students will use professional etiquette for print, web, and email. They will investigate intellectual property law and rights management including the topics of plagiarism, copyright, and fair use regulations. [Board Adopted 2016] [Board Revised 2019]
Duration: 1 Year
Graduation Code: VE

CMT703  Media and Publications 3-4  Credit: 1.0
This course is for students who want to continue developing the skills of media and publications in the area of analyzing the media industry, investigating intellectual property rights, communication, computer and technology applications, and all phases of product planning, creation, and refinement in media and publications. Students will also identify key factors to be considered in launching a media business and learn how to monitor product quality assurance throughout all phases of digital product creation. Students will develop editorial skills for media and publications and may assume editorial staff positions for publications such as the school newspaper and yearbook as part of the coherent sequence-based experience and leadership development. [Board Adopted 2016] [Board Revised 2019]
Duration: 1 Year
Graduation Code: VE

CMT705  Media and Publications 5-6  Credit: 1.0
This course is for students who have completed Digital Communications 1-4 and want to complete advanced real-world and work based digital communication projects. Students will build their portfolios and present products to selected audiences using appropriate delivery methods for various publications. Students may assume editorial leadership positions for publications such as the school newspaper and yearbook. As part of the coherent sequence for Digital Communications students will also engage with the four pillars of an effective CTE program: classroom instruction, hands-on instruction, career based experience, and leadership development. Students will also be provided with the opportunity to join FBLA or SkillsUSA, the career and technical student organizations for Digital Communications. [Board Adopted 2016] [Board Revised 2019]
Duration: 1 Year
Graduation Code: VE

CMT707  Media and Publications 7-8  Credit: 1.0
This advanced class is for students who have completed Digital Communications 1-6 and want to complete real-world and work based digital communication projects and expand their portfolios. Students may assume editorial leadership positions for publications such as the school newspaper and yearbook. As part of the coherent sequence for Digital Communications students will also engage with the four pillars of an effective CTE program: classroom instruction, hands-on instruction, career based experience, and leadership development. Students will also be provided with the opportunity to join FBLA or SkillsUSA, the career and technical student organizations for Digital Communications. [Board Adopted 2016] [Board Revised 2019]
Duration: 1 Year
Graduation Code: VE

CMT710  Digital Communications for the Sports Industry  Credit: 1.0
This course is designed to teach all facets of sports journalism including reporting, writing, editing, photojournalism, and social media. Students will learn to write features, game stories, enterprise and breaking news related to sports. Other topics will include the design of sports packages for print. After successful completion of this course, students can move on to Digital Communications 3-4 to cover sports for the newspaper or the yearbook. [Board Adopted 2014] [Board Revised 2016]
Duration: 1 Year
Graduation Code: VE

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[italic underline = Requires student IEP to earn NCAA core rank] [i] * = Weighted rank status]
CMT803  Honors Media and Publications 3-4*  
This course is designed for students who will assume leadership roles to fulfill the requirements to manage the production of school publications such as yearbooks, newspapers, and online media through the Media and Publications program. Leadership roles include positions such as editor in chief, managing editor, section editors (news, sports, human interest, etc.), photo editor, copy editor, and business editor. CTE technical standards for Media and Publications and Workplace and Employability standards will be emphasized. Students must produce work at the highest level for Media and Publications (i.e. effective use of technology, the Media and Publications 3-4 curriculum while including additional rigorous coursework and requirements in areas of production, design, technology, leadership and portfolio development). [Board Adopted 2017] [Board Revised 2019]  
Duration: 1 Year  
Graduation Code: VE  

CMT805  Honors Media and Publications 5-6*  
This course is designed for students who will assume leadership roles to fulfill the requirements necessary to manage the production of school publications such as yearbooks, newspapers, and online media through the Digital Communications program. Leadership roles include positions such as Editor in Chief, Managing Editor, Section Editors (News, Sports, Human Interest; etc.) Photo Editor, Copy Editor, and Business Manager. On average students will complete 5-10 hours of work outside of class per week. Students who are not selected for a leadership role may also earn honors credit for completing projects above. And beyond typical course requirements. Projects can include research reports, publication redesigns, staff or student manuals, as well as fundraising and advertising sales campaigns. This course is open to students who have completed Digital Communications 3-4 who qualify by application and interview. CTE technical standards for Digital Communications and Workplace and Employability standards will be emphasized. Students must produce work at the highest level for Digital Communications publications (i.e., effective use of technology, the Digital Communications 5-6 curriculum while including additional rigorous coursework and requirements in areas of production, design, technology, leadership and portfolio development. [Board Adopted 2017] [Board Revised 2019]  
Duration: 1 Year  
Graduation Code: VE  

CMT807  Honors Media and Publications 7-8*  
This course is designed for students who will assume leadership roles to fulfill the requirements necessary to manage the production of school publications such as yearbooks, newspapers, and online media through the Digital Communications program. Leadership roles include positions such as Editor in Chief, Managing Editor, Section Editors (News, Sports, Human Interest, etc.) Photo Editor, Copy Editor, and Business Manager. On average students will complete 5-10 hours of work outside of class per week. Students who are not selected for a leadership role may also earn honors credit for completing projects above. And beyond typical course requirements. Projects can include research reports, publication redesigns, staff or student manuals, as well as fundraising and advertising sales campaigns. This course is open to students who have completed Digital Communications 5-6 who qualify by application and interview. CTE technical standards for Digital Communications and Workplace and Employability standards will be emphasized. Students must produce work at the highest level for Digital Communications publications (i.e., effective use of technology, the Digital Communications 7-8 curriculum while including additional rigorous coursework and requirements in areas of production, design, technology, leadership and portfolio development. [Board Adopted 2017] [Board Revised 2019]  
Duration: 1 Year  
Graduation Code: VE  

Digital Photography  

ART410  Photography 1-2  
This course provides instruction in photographic fundamentals with an emphasis on digital photography including image capture, image editing, and image output. Camera, computer and printing operations will be covered and aligned with the state standards. Photographic concepts such as elements and principles of art, composition, photographic history, portfolio building, visual literacy and photography as a career will be covered in this level. No prior photography skills are required for this course. [Board Adopted 1997] [Board Revised 2016] [Board Revised 2019]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $40.00  

ART415  Photography 3-4  
This one year course builds on the standards and skills learned in Photography 1-2 with an emphasis on the further development of aesthetic and technical skills that will aid students pursuing careers as photographers. Students will enhance their digital photography skills with an in-depth exploration in the composition, technique, history and cultural influences of photography, portfolio development, and exhibition. Elements of traditional film and alternative processes of photography and the darkroom and how they relate to digital processes may also be explored. [Board Adopted 1997] [Board Revised 2013] [Board Revised 2016] [Board Revised 2019]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00  

ART420  Photography 5-6  
This course will provide ongoing study of previously learned techniques. Emphasis is on perfecting advanced level photographic skills. The student will be offered the opportunity to build and personalized a portfolio. In addition to required technical experience students will build their workplace skills. [Board Adopted 1997]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00  

ART425  Photography 7-8  
This class is for students who have completed Photography 1-6. This course will provide students the opportunity to plan, process, and produce advanced projects utilizing their photography skills. Students will continue to develop and build their portfolios. In addition to required technical experience, students will continue to build their workplace skills. [Board Adopted 2008]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00  

[Underline = NCAA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[Balics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
Early Childhood Education

FCS210  Early Childhood 1-2 Credit: 1.0
Students will explore physical, social, emotional, and intellectual development of children during prenatal, infancy, and early childhood periods. Parental, caregiver, and occupational roles and responsibilities are emphasized in each of these periods of growth and development. Students will have hands-on experience in the on-campus Early Learning Center. This course is a prerequisite to Early Childhood 3-4 as well as a lead-in to Aspire to Teach. [Board Adopted 2009]
Duration: 1 Year Course Fee: $30.00
Graduation Code: VE

FCS215  Early Childhood 3-4 Credit: 1.0
This course is recommended for students interested in careers related to education, counseling, health, human/social services, and parenting. Students will create lesson plans and teach children ages 3-5 in the licensed on-campus Early Learning Center and will participate in all areas of operating the Early Learning Center. Employability and leadership skills needed for success in the workforce are acquired through classroom and lab exercises. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2009]
Duration: 1 Year Course Fee: $35.00
Graduation Code: VE

FCS220  Early Childhood 5-6 Credit: 1.0
Early Childhood 5-6 is an advanced class recommended for students interested in careers related to education, counseling, health, human/social services, and parenting. Students will create lesson plans and teach children ages 3-5 in the licensed on-campus Early Learning Center and will participate in all areas of operating the Early Learning Center. Employability and leadership skills needed for success in the workforce are acquired through classroom and lab exercises. [Board Adopted 2012]
Duration: 1 Year Course Fee: $50.00
Graduation Code: VE

FCS225  Early Childhood 7-8 Credit: 1.0
Early Childhood 7-8 is an advanced class recommended for students interested in careers related to education, counseling, health, human/social services, and parenting. Students will create lesson plans and teach children ages 3-5 in the licensed on-campus Early Learning Center and will participate in all areas of operating the Early Learning Center. Employability and leadership skills needed for success in the workforce are acquired through classroom and lab exercises. [Board Adopted 2012]
Duration: 1 Year Course Fee: $50.00
Graduation Code: VE

FCS230  Early Childhood Lab Credit: 1.0
This lab is designed to give “on-the-job” training to students who have fulfilled requirements of Early Childhood 1-2. Students will spend one hour each day in the Early Learning Center teaching, supervising, and using different techniques with children (May be repeated for credit) [Board Adopted 2000] [Board Revised 2009] [Board Revised 2009]
Duration: 1 Year Course Fee: $50.00
Graduation Code: VE

FCS240  Aspire to Teach* Credit: 1.0
So you want to be a teacher? This honors level course is an elective that allows motivated students to explore education and educational related fields (i.e. counseling, social work) as career options. Throughout the year, students will focus on three major areas of education: the learner (including human growth and development), the school (including organization and practices of American public schools), and the teacher (including classroom field experience). Students choose a grade level or field (special education, math, science, etc.) for their field experience. Aspire to make a difference. Students will experience applications supporting the Arizona Academic Standards. [Board Adopted 2002] [Board Revised 2003]
Duration: 1 Year Course Fee: $50.00
Graduation Code: VE

Engineering Sciences

TEC100  Engineering 1-2 Credit: 1.0
This class gives the student exposure to engineering technologies that include robotics, alternative energies, computer programming, electronics, scientific laws and principles, design, and problem solving. The student will acquire knowledge and skills related to these concepts through project-based learning. The course will prepare students for the Engineering 3-4 and other advanced engineering courses in the program. [Board Adopted 2009] [Board Revised 2017]
Duration: 1 Year Course Fee: $30.00
Graduation Code: VE

TEC110  Engineering 3-4 Credit: 1.0
This class will provide in-depth study to engineering technologies that the students were introduced to in Engineering 1-2 including robotics, alternative energies, computer programming, electronics, scientific laws and principles, design, and problem solving. The course will prepare students for more advanced courses in the Engineering Program. [Board Adopted 2011] [Board Revised 2017]
Duration: 1 Year Course Fee: $50.00
Graduation Code: VE

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[* = Weighted rank status]
TEC115 Honors Engineering 3-4* Credit: 1.0
This class will provide in-depth study to engineering technologies that the students were introduced to in Engineering 1-2 including robotics, alternative energies, computer programming, electronics, scientific laws and principles, design, and problem solving. Students will learn how to compose a technical report and presentations as well as proper documentation and 3D design work. This course will expose students to current engineering issues and challenges that affect today’s global society. The course will prepare students for more advanced courses in the Engineering Program. [Board Adopted 2018]
**Duration:** 1 Year
**Graduation Code:** VE
**Course Fee:** $50.00

TEC121 Engineering 5-6 Credit: 1.0
This course gives the student a broad exposure to many different engineering concepts. The student will acquire knowledge and skills related to these concepts through project based learning. The lab is designed to develop problem-solving, critical-thinking, research and documentation skills. The course will prepare students for further study in engineering careers. [Board Adopted 2007] [Board Revised 2013] [Board Revised 2017] [Board Revised 2018]
**Duration:** 1 Year
**Graduation Code:** VE
**Course Fee:** $50.00

TEC125 Honors Engineering 5-6* Credit: 1.0
This course gives the student a broad exposure to many different engineering concepts. The student will acquire knowledge and skills related to these concepts through project based learning. The lab is designed to develop problem-solving, critical-thinking, research and documentation skills. Students will learn how to compose a technical report and presentations as well as proper documentation and 3D design work. Students will be involved in real world engineering experiences and projects. The course will prepare students for more advanced courses in the Engineering Program. [Board Adopted 2018]
**Duration:** 1 Year
**Graduation Code:** VE
**Course Fee:** $50.00

TEC131 Engineering 7-8 Credit: 1.0
This course gives the student a broad exposure to many different engineering concepts including design practices, fundamental scientific laws and principles relevant to engineering, application of engineering technology and tools, and problem solving. The student will acquire knowledge and skills related to these concepts through project based learning. The Engineering Program is designed to develop problem-solving, critical-thinking, research and documentation skills. The course will prepare students for further study in Engineering. [Board Adopted 2013] [Board Revised 2017] [Board Revised 2018]
**Duration:** 1 Year
**Graduation Code:** VE
**Course Fee:** $50.00

TEC135 Honors Engineering 7-8* Credit: 1.0
This course gives the student a broad exposure to many different engineering concepts. The student will acquire knowledge and skills related to these concepts through project based learning. The lab is designed to further develop problem-solving, critical-thinking, research and documentation skills. Students will learn how to compose a technical report and presentations as well as proper documentation and 3D design work. Students will participate in industry certifications and related projects. Students will take Dual Enrollment ENGR102 through University of Arizona with an emphasis in mathematical modeling. The course will prepare students for further study in engineering careers. [Board Adopted 2018]
**Duration:** 1 Year
**Graduation Code:** VE
**Course Fee:** $50.00

Film and TV

CMT510 Film and TV Production 1-2 Credit: 1.0
This course is designed to teach the basic fundamentals of producing in-studio television shows. Students learn the basic roles of each member of a television production crew: director, scriptwriter, floor director, sound technician, video technician, camera operator, grip, and graphic artist. [ Board Adopted 1998] [Board Revised 2006] [Board Revised 2012] [Board Revised 2016]
**Duration:** 1 Year
**Graduation Code:** PA, VE
**Course Fee:** $25.00

CMT515 Film and TV Production 3-4 Credit: 1.0
This course includes script writing, directing, special effects, audio sound tracking, floor direction, electronic editing, camera operation, and film for TV. Students research and produce videotape services to the general faculty. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2006] [Board Revised 2012] [Board Revised 2016]
**Duration:** 1 Year
**Graduation Code:** PA, VE
**Course Fee:** $25.00

CMT520 Film and TV Production 5-6 Credit: 1.0
This course includes advanced script writing, directing, special effects, audio sound tracking, floor direction electronic editing, camera operation, and film for TV. Students research and produce videotape services for school video announcements and work as campus reporters for the district TUTV Program. [Board Adopted 2012] [Board Revised 2016]
**Duration:** 1 Year
**Graduation Code:** PA, VE
**Course Fee:** $25.00

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CMT525  Film and TV Production 7-8  Credit: 1.0
This course includes advanced script writing, directing, special effects, audio sound racking, floor direction electronic editing, camera operation, and film for TV. Students research and produce videotape services for school video announcements and have the option to work as campus reporters for the district TUTV Program. [Board Adopted 2014] [Board Revised 2016]
Duration: 1 Year
Graduation Code: PA, VE

Graphic/Web Design

ART200  Introduction to Computer Graphic Art  Credit: 1.0
This course provides students an introduction to computer systems, graphic communications and design, and various media software applications. Through hands-on experiences, students will apply technical knowledge and skills to plan, design, create and evaluate visual and printed media. The curriculum is based on specific skills using mechanical, electronics, and digital graphics equipment. The student in this program will implement critical thinking, applied academic, artistic principles, evaluation processes and studio techniques. Students will engage in career planning to assist them in making choices for the future. [Board Adopted 1997] [Board Revised 2003] [Board Revised 2016]
Duration: 1 Year
Graduation Code: FA, VE

ART210  2-Dimensional Graphic Art 1-2  Credit: 1.0
2-Dimensional Graphic Arts 1-2 covers a wide variety of graphic art techniques using computers and traditional methods. Areas explored include vector and raster graphics, typography, layout-design, web design and multimedia. Students will utilize critical thinking, applied academic and artistic principles, evaluation processes and studio techniques. Students will explore careers in the Graphic Arts and continue to develop a personal portfolio and resume. For further instruction in this area, students may take 2-Dimensional Graphic Art 3-4. [Board Adopted 1997] [Board Revised 2003] [Board Revised 2016]
Duration: 1 Year
Graduation Code: FA, VE

ART215  2-Dimensional Graphic Art 3-4  Credit: 1.0
2-Dimensional Graphic Arts 3-4 offers advanced exploration into a wide variety of graphic art techniques using computers as well as traditional methods. Areas expanded include vector and raster graphics, typography, layout-design, web design and multimedia. Students will utilize critical thinking, applied academic, artistic principles, evaluation processes and studio techniques. A greater emphasis on self-direction and exploration will be expected. Students will engage in career planning to assist them in making choices for the future and also continue developing a personal portfolio. [Board Adopted 1997] [Board Revised 2003] [Board Revised 2016]
Duration: 1 Year
Graduation Code: FA, VE

ART220  2-Dimensional Graphic Art 5-6  Credit: 1.0
2-Dimensional Graphic Arts 5-6 offers advanced exploration into a wide variety of graphic art techniques using computers as well as traditional methods. This course will provide an in-depth study in media areas and subject matter designed to meet students’ individual developmental needs. Students will continue to utilize critical thinking, applied academic, artistic principles, evaluation processes and studio techniques. Students will continue to engage in career planning to assist them in making choices for the future and also revise their personal portfolio. [Board Adopted 2003] [Board Revised 2016]
Duration: 1 Year
Graduation Code: FA, VE

Law, Public Safety and Security

SST705  Criminal Justice 1-2  Credit: 1.0
Criminal Justice 1-2 is the first year course in the Law, Public Safety, and Security career and technical education program. This course is designed to provide the student with a basic understanding of the concepts, processes and institutions of the Criminal Justice system. The student will develop an understanding and appreciation of how laws work to meet human problems; and how the components and procedures are followed in the administration of law enforcement, adjudication, and post-conviction processes and strategies in American society. This course will include such topics as the juvenile justice system, the roles of courts, attorneys, judges, agencies, law enforcement, and corrections; as well as the background and careers of the criminal justice system. [Board Adopted] [Board Revised 2016] [Board Revised 2018]
Duration: 1 Year
Graduation Code: VE

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[italics underline = Requires student IEP to earn NCAA core rank] [*
* = Weighted rank status]
SST715  **Criminal Justice 3-4**  Credit: 1.0

Criminal Justice 3-4 is for students who have completed Criminal Justice 1 and 2 who want to explore more in-depth aspects of the criminal justice system. Topics include: investigative procedures, technological advancements in policing and forensic science, careers in criminal justice, and the roles and responsibilities of federal and local agencies such as TSA, Border Patrol, FBI, CIA, K9 Unit, Computer Forensics as well as court personnel including judges, prosecutors, public defenders, clerks, bailiffs, and victim advocates. Students will be given the opportunity to examine how crime scenes are investigated, DNA evidence is collected and processed, and police interviews and interrogations are conducted. As part of the coherent sequence for Law and Public Safety students will also engage with the four pillars of an effective CTE program: classroom instruction, hands-on instruction, career based experience, and leadership development. Students will also be provided with the opportunity to join SkillsUSA, the career and technical student organizations for Law and Public Safety. [Board Adopted 2016]

**Duration:** 1 Year

**Graduation Code:** VE

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SST718  **Criminal Justice Internship**  Credit: 0.5

This course utilizes a Career and Technical Education internship model to provide students interested in developing work-based learning experience to advance their knowledge and skills in the field of Law, Public Safety, and Security. Students will earn high school credit for working in a paid or unpaid internship related to criminal justice. Students must work a minimum of 135 hours for each 0.5 credit earned. Course may be repeated for credit for up to a maximum of 2.0 credits. [Board Adopted 2018] [Board Revised 2019]

**Duration:** 1 Semester

**Graduation Code:** VE

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**Marketing**

BUS300  **Hospitality and Tourism Marketing**  Credit: 0.5

Hospitality and Tourism Marketing is offered to grade 9-12 students who have an interest in learning about the fields of business, sales, marketing, merchandising, and management occupations as they apply to hospitality and tourism. This course will help students develop a thorough understanding of the marketing concepts and theories that apply to hospitality-related events. This course will cover basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and sports marketing plans. This course will also delve into the components of promotion plans, sponsorship proposals and the key elements needed in sports marketing plans. Students enrolling in this course are strongly encouraged to join DECA, which is the career and technical student organization associated with the Marketing program. Opportunities through DECA include leadership development, field trips, travel, and competition. [Board Adopted 2012]

**Duration:** 1 Semester

**Graduation Code:** VE

**Course Fee:** $10.00

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BUS310  **Sports and Entertainment Marketing**  Credit: 0.5

Sports and Entertainment Marketing is offered to students in grades 9-12 who have an interest in learning about the fields of business, sales, marketing, merchandising, and management occupations as they apply to the entertainment business. This course will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and entertainment events. This course will cover basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and sports marketing plans. This course will also delve into the components of promotion plans, sponsorship proposals and the key elements needed in sports marketing plans. Students enrolling in this course are strongly encouraged to join DECA, which is the career and technical student organization associated with the Marketing program. Opportunities through DECA include leadership development, field trips, travel, and competition. [Board Adopted 2012]

**Duration:** 1 Semester

**Graduation Code:** VE

**Course Fee:** $10.00

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BUS320  **Marketing**  Credit: 1.0

This course is designed to prepare students for employment in various sales, customer service, advertising and promotion, and first line supervisory positions in wholesale, retail and service areas. Students will prepare to perform marketing and management functions and tasks as they relate to selling and retailing, e-commerce, sports and entertainment, and hospitality and tourism industries. Students will experience application of the following Arizona Academic Math Standards: number sense data analysis and probability, patterns and algebra, discrete math, and logic. [Board Adopted 2000] [Board Revised 2003]

**Duration:** 1 Year

**Graduation Code:** VE

**Course Fee:** $25.00

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BUS325  **Honors Marketing**  Credit: 1.0

Students who enroll in this class will be required to complete an extensive research project in Marketing for honors credit. This course is designed to prepare students for employment in sales, customer service, advertising and promotion, and first line supervisory positions in wholesale, retail and service areas. Students will analyze and learn to perform marketing and management functions and tasks as they relate to selling and retailing, e-commerce, sports and entertainment, and hospitality and tourism industries. [Board Adopted 2015]

**Duration:** 1 Year

**Graduation Code:** VE

**Course Fee:** $25.00

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[italics underline = Requires student IEP to earn NCAA core rank]

[* = Weighted rank status]
BUS600  Advanced Business Marketing  Credit: 1.0
This course is designed to prepare students for employment in various sales, customer service, advertising and promotion, and first line supervisory positions in wholesale, retail, and service areas. Students will prepare to perform marketing and management functions and tasks as they relate to selling and retailing, e-commerce, sports and entertainment, and hospitality and tourism industries. Students will also experience application of the following Arizona Economics Standards: Implications of scarcity, analysis of current events, interdependence of households and firms, comparison of different economic systems, principles of microeconomics and macroeconomics, the economic role of government, effects of international trade, and financial choices. (This course meets state economic standards and the TUHSD economics credit requirement.) [Board Adopted] [Board Revised 2003] [Board Revised 2007] [Board Revised 2012] [Board Revised 2019]
Duration: 1 Year  Course Fee: $25.00
Graduation Code: FE, VE

BUS610  Honors Advanced Business Marketing*  Credit: 1.0
This course is designed to prepare students for employment in various sales, customer service, advertising and promotion, and first line supervisory positions in wholesale, retail, and service areas. Students will prepare to perform advanced marketing and management functions and tasks as they relate to selling and retailing, e-commerce, sports and entertainment, and hospitality and tourism industries. Students will experience application of the following Arizona Economics Standards: Implications of scarcity, analysis of current events, interdependence of households and firms, comparison of different economic systems, principles of microeconomics and macroeconomics, the economic role of government, effects of international trade, and financial choices. Students who enroll in this class will be requested to complete an extensive marketing research project to be eligible for honors credit. (This course meets state economic standards and the TUHSD economics credit requirement). [Board Adopted 2014] [Board Revised 2019]
Duration: 1 Year  Course Fee: $25.00
Graduation Code: FE, VE

BUS635  Marketing Internship  Credit: 0.5
This course utilizes a career and Technical Education internship model to provide seniors who are Marketing program completers with an interest in work-based learning an opportunity to advance their knowledge and skills in customer service, promotion, and public relations through on the job training in a service, retail, or wholesale business. Students will earn .5 credit for every 135 hours worked per semester, up to 1.0 credit per semester, for working in a paid or unpaid internship relating to marketing. Course may be repeated for credit up to a maximum of 2.0 credits. [Board Adopted] [Board Revised 2003] [Board Revised 2007] [Board Revised 2012] [Board Revised 2019]
Duration: 1 Semester
Graduation Code: VE

Software and App Design

MAT590  Computer Programming 1-2  Credit: 1.0
This course introduces students to programming using industry-based language. Students will gain a basic understanding of object-oriented programming to enhance their critical thinking and problem solving skills as they learn to design, code, and debug programming applications. Real world assignments encourage students to master important programming concepts such as variables, operators, and control. Students will use their creativity and imagination to draw different shapes and will discover how to use functions to reuse code and how to read from and write to files. No programming experience is required. [Board Adopted 2019]
Duration: 1 Year
Graduation Code: VE

MAT600  Honors Computer: Programming 1-2*  Credit: 1.0
This rigorous, college-level course introduces students to programming using industry-based language and is designed to immerse students in software application development. Students will gain a strong understanding of object-oriented programming and enhance their critical thinking, collaboration, and real-world problem-solving skills as they learn to design, code, and debug programming applications. Challenging assignments encourage students to master important programming concepts such as objects, constructors, variables, arrays, operators, control structures, loops, exception handling, data files, basic graphical user interfaces, and development of advanced algorithms. No prior programming experience is required. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2016] [Board Revised 2019]
Duration: 1 Year
Graduation Code: MA, VE

MAT610  Honors Computer Programming 3-4*  Credit: 1.0
This course is designed to continue to develop the student’s programming skills. Options could include extending the knowledge base of the language(s) used in the introductory level course or studying additional languages. Emphasis will be placed on participation in programming teams and writing programs for a variety of industrial and academic applications. This course is valuable for any student intending to pursue a career in a technical field. [Board Adopted 2016]
Duration: 1 Year
Graduation Code: MA, VE

MAT620  Honors Computer: Programming 5-6*  Credit: 1.0
This course is designed to continue to develop the student’s programming skills. Options could include extending the knowledge base of the language used in the previous course, or studying other languages. Emphasis will be placed on modular programming and participation in programming teams. Application programs will be written in the areas of mathematics, business, science, and economics. This course is valuable for any student intending to pursue a career in mathematics, science, engineering, business, or computer science. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2016]
Duration: 1 Year
Graduation Code: MA, VE

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[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[Bold italic = Alternatives to the above course(s)]
[Bold underlined = Requires student IEP to earn NCAA core rank]
[* = Weighted rank status]
MAT630  Honors Mobile Device Programming*  Credit: 1.0
This course is designed to continue to develop the student’s programming skills. Options could include programming applications for mobile devices and creating internet applications. Emphasis will be placed on using the theoretical knowledge base gained in the previous course to develop applications that reflect the demands of the “real-world” development environment, complete with understanding customer needs, cost of development and marketing. The applications developed will be written in a cross-curricular manner, in such fields of study as business, mathematics, economics, and science. This course will give valuable experience to any student intending on pursuing a career or further study in engineering, mathematics, science, software development, or business. [Board Adopted 2011]
Duration: 1 Year
Graduation Code: VE

MAT640  AP Computer Science A*  Credit: 1.0
This college level course is designed to continue to develop the student’s programming skills in a high level language. Application programs will be written in the areas of mathematics, business, science, and economics. These programs will utilize advanced data structures including searches, sorts, arrays, and inheritance. This course is valuable for any student intending to pursue a career in mathematics, science, engineering, business, or computer science. In cooperation with Rio Salado Community College, the student may concurrently in the corresponding college course to receive college credit. The student may choose, upon completion of the course, take the Computer Science A Advanced Placement Exam. Upon completion of additional topics; linked lists, binary trees, stacks and queues, the student may choose to take the Computer Science AB Advanced Placement Exam. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2016]
Duration: 1 Year
Graduation Code: MA, VE

Sports Medicine and Rehabilitation

PED300  Sports Medicine 1-2  Credit: 1.0
Sports Medicine 1-2 is an elective course available to all students who are interested in learning about sports medicine. This course will provide material focused on important concepts and methods used in sports medicine. Topics include roles of various sports medicine personnel, basic anatomical structures, medical terminology, prevention of athletic injuries, management of athletic injuries, first aid, and taping and wrapping skills for specific injuries [Board Adopted 2010]
Duration: 1 Year
Graduation Code: VE

PED310  Sports Medicine 3-4  Credit: 1.0
This course is the second year of the Sports Medicine Program and is available to those students who are interested in sports medicine and athletic training. This course will provide material focused on important concepts and methods used in sports medicine. Topics include an in-depth study of the roles of various sports medicine personnel, basic anatomical structures, medical terminology, prevention of athletic injuries, management of athletic injuries, first aid, and taping and wrapping skills for specific injuries. Students will assist the Athletic Trainers at school events. [Board Adopted 2012]
Duration: 1 Year
Graduation Code: VE

PED320  Sports Medicine 5-6  Credit: 1.0
This course is the third year of the Sports Medicine Program and is available to those students who are interested in sports medicine and athletic training. Sports Medicine 5-6 is a rehabilitation and wellness centered course that is part of the Mountain Pointe Wellness Academy and is an internship opportunity. Students will assist the Athletic Trainer at school events. [Board Adopted 2013]
Duration: 1 Year
Graduation Code: VE

Technical Theatre

TND150  Technical Theatre 1-2  Credit: 1.0
Technical Theatre 1-2 is the merging of the many technical elements of play. Students who study Technical Theatre acquire an intimate knowledge of design, construction, costuming, make-up, sound, lighting and all other technical aspects of theater production. They are afforded “hands-on” practical experience that may lead them into technical careers. [Board Adopted 1997] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $50.00

TND155  Technical Theatre 3-4  Credit: 1.0
Technical Theatre 3-4 provides an opportunity for students to practice leadership roles within the Technical Theatre class. Students who study stagecraft at the advanced levels refine their skills in design and production while acting as mentors to the basic students. They may further their experience and deepen their understanding of professional production in a technical setting that may lead to career opportunities. [Board Adopted 1997] [Board Revised 2012] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $50.00

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[* = Weighted rank status]
TND160  Technical Theatre 5-6  
Credit: 1.0  
This course is open to students in grades 11 and 12. Students must have successfully completed Technical Theatre 1-4. This course is designed for students interested in specializing in Technical Theatre. Students will actively lead and develop technical theatre elements (i.e. design, lighting, sound, costumes, etc.). Students will participate in productions and performances designed to prepare students for technical theatre career opportunities. Students will participate in culminating production performances throughout the year. Students in this course are required to participate in theatre productions and other theatrical events. [Board Adopted 2012] [Board Revised 2016] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00

TND165  Technical Theatre 7-8  
Credit: 1.0  
This course is open to students in grade 12. Students must have successfully completed Technical Theatre 1-6. It is designed for students interested in specializing in Technical Theatre. Students will actively lead and develop technical theatre elements (i.e. design, lighting, sound, costumes, etc.). Students will participate in productions and performances designed to prepare students for technical theatre career opportunities. Students will participate in culminating production performances throughout the year. Students in this course are required to participate in theatre productions and other theatrical events. The course includes and external internship and work as auditorium manager for campus events and activities. [Board Adopted 2012] [Board Revised 2016] [Board Revised 2017]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00

TND180  Honors Technical Theatre Exploration and Performance*  
Credit: 1.0  
This course is designed for students who will demonstrate giftedness in technical theatre and will include all of the CTE technical standards, workplace standards, and Arizona High School Advanced Arts standards for creating, presenting, responding, and connecting. It is open to Technical Theatre 5-6 and 7-8 students who qualify by application and interview only. Students must produce work at the highest level of technical theatre production (i.e. shop safety, tools/power tools, design, set construction, lighting, sound, costumes, make-up, etc.). The honors course mirrors the Technical Theatre 5-6 and 7-8 curriculums, and includes additional rigorous coursework and requirements in the areas of production, design, technology, and portfolio development.  
(May be repeated for credit) [Board Adopted 2017] [Board Revised 2019]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00

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**English**

ENG100  Freshman English  
Credit: 1.0  
Freshman English is required of all freshmen. This course includes the study of grammar, composition, library orientation and research, vocabulary, spelling, literature, oral expression, reading skills and study skills. [Board Adopted 1998]  
Duration: 1 Year  
Graduation Code: EF

ENG120  Honors Freshman English*  
Credit: 1.0  
This course is designed to challenge academically those students who are able to work beyond the curriculum of regular Freshman English. This course includes a study of advanced grammar, basic composition, and a survey of world literature. [Board Adopted 1998]  
Duration: 1 Year  
Graduation Code: EF

ENG200  Sophomore English  
Credit: 1.0  
The Sophomore English content continues to build on skills learned in Freshman English, including idea development, drafting, editing, revising, research, vocabulary, grammar, and usage skills. Students read and analyze multicultural literature from the following genres; short story, novel, drama, poetry, and non-fiction. All skills taught align with the state standards. [Board Adopted] [Board Revised 2009]  
Duration: 1 Year  
Graduation Code: ES

ENG220  Honors Sophomore English*  
Credit: 1.0  
This course is designed for those students who meet the general criteria for honors established by the District. In addition to refining students’ skills in composition, oral expression and literary analysis, this yearlong course will also explore such accelerated activities as debate, symposium, oral interpretation, techniques of persuasion, and application of mythology. Composition work will consist of advanced research with emphasis on various types of expository and creative writing. [Board Adopted 1998]  
Duration: 1 Year  
Graduation Code: ES

ENG300  Junior English  
Credit: 1.0  
Junior English is required in the third year of high school. A survey of American literature is presented from the first recorded writings to the 20th century. Junior level grammar, composition, research, vocabulary, spelling, literary terms, oral expression skills, reading, and study skills are offered. A research project is required of all students. [Board Adopted 1998]  
Duration: 1 Year  
Graduation Code: EJ

[Underline = NCAA Approved Core Course] 
[† = Course must be taken in conjunction w/another to meet Grad. Requirement] 
[Italics underlined = Requires student IEP to earn NCAA core rank] 
[* = Weighted rank status]
ENG320  **Honors Junior English*** Credit: 1.0
This course is designed for capable students who meet the general criteria of honors established by the District. Course content varies on the six campuses but emphasizes literature, research, composition, and individual projects. [Board Adopted 1998]
*Duration: 1 Year
*Graduation Code: EJ*

ENG340  **AP English: Language and Composition*** Credit: 1.0
This course is designed to challenge the highly motivated, college bound student. This rigorous course emphasizes language (verbal abilities) and composition (writing abilities) using American literature as the vehicle. Students will be able to identify, apply, analyze, and evaluate multiple rhetorical strategies. The course focuses on the historical, social, and cultural significance of American fiction and nonfiction, the development of students' stylistic maturity in their own writing, research skills, and vocabulary development. Upon successful completion of this course, students are encouraged to take the AP Language and Composition Exam. [Board Adopted 2002]
*Duration: 1 Year
*Graduation Code: EJ*

ENG360  **The Vietnam War Experience: History & Writing of the Vietnam War*** Credit: 0.5
This course is designed as an elective credit for those students looking for historical and literary topics outside of the required curriculum. This course is an interdisciplinary course designed to be taught in one semester by an English or Social Studies teacher. Course content will center around one semester's worth of historical and literary analysis. The syllabus will also include first-hand testimony from Vietnam veterans. Emphasis will be on research, composition, and individual projects. [Board Adopted 2002][Board Revised 2014]
*Duration: 1 Semester
*Graduation Code: EL*

ENG362  **Intermediate Composition*** Credit: 0.5
Students who enroll in this course should already have an understanding of basic sentence and paragraph structures. The emphasis is on increasing vocabulary skills, developing more complex sentence structures, and refining the paragraph structure so that it follows a distinct pattern of organization. Students will be required to write five-paragraph essays incorporating a very definitive structure. [Board Adopted 1998]
*Duration: 1 Semester
*Graduation Code: ER*

ENG364  **College Prep English*** Credit: 0.5
This is an intensive course in reading and study skills for seniors and juniors with average and above reading abilities. Emphasis is placed on enhancing critical reading/thinking abilities, studying literary classics, and acquiring a college-level vocabulary. Note taking, study skills, and test-taking techniques are also covered, in addition to information on college selection, admission, and financial aid. [Board Adopted 1998]
*Duration: 1 Semester
*Graduation Code: ER*

ENG366  **Technical Writing*** Credit: 0.5
This course is a comprehensive and flexible introduction to technical and professional communication. Exercises such as brief memos, summaries, formal reports and proposals will parallel the writing demands students will face both in college and/or on the job. Using a variety of technology from word processing to Internet access will also be a focus of the course. This course can replace a writing semester of junior or senior level English, and must be balanced with an equivalent reading semester. Prerequisite courses are Computer Applications and Sophomore English. [Board Adopted 1998]
*Duration: 1 Semester
*Graduation Code: EJ, ER*

ENG368  **Mythology in the 21st Century*** Credit: 0.5
This course is designed as an elective credit for those students looking for philosophical, ethical, and literary topics outside of the required curriculum. This course is an interdisciplinary course designed to be taught in one semester by an English teacher. Course content will be structured around the reading and analysis of modern mythology literature. Students will approach the material from the perspective of mythology, rather than analyzing the literary merits of the novels. Among other things, they will consider cosmology, value systems, archetypes, symbolism and interpretation of the nature of Good and Evil. Students will consider whether the novels provide models for 21st Century heroes, and in what ways it provides an ethical foundation for future building. Critical essays drawn from a variety of sources as well as selected writings of Joseph Campbell will provide supplemental reading. Emphasis will be on research, composition, and individual or group projects. [Board Adopted 2004]
*Duration: 1 Semester
*Graduation Code: EL*

ENG400  **Senior English*** Credit: 1.0
Senior English fulfills the requirement of a fourth year of English. Composition, grammar, vocabulary, research and study skills, reading and thinking skills, oral expression, and writing of forms, applications, and resumes are included. The course also includes a survey of world literature from the Greeks and Romans to the twentieth century, with a review of literary terms. A research project is required of each student. [Board Adopted 1998]
*Duration: 1 Year
*Graduation Code: ER*

*Underline = NCAA Approved Core Course]
*† = Course must be taken in conjunction w/another to meet Grad. Requirement* [italics underline = Requires student IEP to earn NCAA core rank] [* = Weighted rank status]
ENG410  Advanced Composition*  Credit: 1.0
This course engages students in an extensive writing program of expository and persuasive writing. In addition to improving student writing style, the program focuses on various writing techniques such as comparison and contrast, definition, example, cause and effect, and the analytical process. Research skills are reviewed and a research project is required. Students learn how to use information gathered through library research to add authority and credibility to their writing. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: ER

ENG420  Creative Writing  Credit: 0.5
This course offers an opportunity for students to analyze a diverse selection of literature as well as to develop extensively their own creative writing talents. Students are required to write a play, a selection of various styles of poetry, a short story, and other types of compositions. Emphasis is placed on the development of original ideas, mechanics, vocabulary, and writing styles. [Board Adopted 1998] [Board Revised 2006]
Duration: 1 Semester
Graduation Code: ER

ENG422  Advanced Creative Writing  Credit: 0.5
This is an advanced writing course for those who are interested in writing, journalism, film, advertising, or teaching. Creative Writing is an intensive reading and writing course for those who exhibit mastery of the English language and wish to challenge their writing skills. This course offers an opportunity for students to analyze a diverse selection of literature as well as develop extensively their own creative writing talents. Students are required to write a screenplay, a selection of various styles of poetry, a short story, a children's book, several personal essays, editorials, and a variety of other types of compositions. Other significant writing assignments include literary analysis of various genres and a research paper. Emphasis is placed on the development of original ideas, mechanics, vocabulary and writing styles. [Board Adopted 2006]
Duration: 1 Semester
Graduation Code: ER

ENG430  Humanities/Composition*  Credit: 1.0
This course examines the basic nature of humanity through the study of art, literature, music, drama, and philosophy. Through this examination of the fine arts, students will develop a better understanding of man's desires, hopes, and motivations. Compositions are required, covering ancient cultures through the twentieth century. While students become familiar with the masterpieces through classroom experience and guest speakers, the emphasis is on continual, sustained reading and writing. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: ER

ENG435  World Mythology  Credit: 0.5
This is a one semester class for students who wish to further their knowledge of World Mythology. Students will explore various other cultures and their amazing stories, legends, and folklore. Norse Mythology, Arthurian Legend, Egyptian Mythology, Chinese Mythology, Native American Myths, and a continuation of Greek Mythology will be explored. Students will be able to make historical and literary connections across cultures and in relation to pop culture and literature today. [Board Adopted 2012]
Duration: 1 Semester
Graduation Code: EL

ENG440  AP English: Literature and Composition*  Credit: 1.0
This course is designed to challenge the highly motivated, college bound student. This rigorous course surveys the literature of the world with a particular emphasis on the European writers. Culture, history, ideology, philosophy, and religion complement the critical analysis of literature. In depth discussion, composition and research synthesize the main components of this stringent course. Students in this course should have superior interpretive abilities as well as a competent command of composition and research skills. Upon successful completion of this course, students are encouraged to take the AP Literature and Composition Exam. [Board Adopted 2002]
Duration: 1 Year
Graduation Code: ER

ENG450  Children's Literature  Credit: 0.5
This course is designed to provide students an opportunity to analyze, compare, and create children's literature. Students will find common themes among authors and age cohorts. They will evaluate how morals, social expectations, and history are taught to children through literature. They will compare the values of different societies/nations and across generations by looking at their children's literature. They will be able to explain the lifelong benefits of reading to children. Finally, taking all they have learned, students will create their own children's story. [Board Adopted 2016]
Duration: 1 Semester
Graduation Code: EL
Course Fee: $20.00

ENG460  Holocaust Literature  Credit: 0.5
Holocaust Literature explores the time period from 1933 to 1945. The history of the Holocaust and the rise of Hitler and Nazi party will be studied to provide context for the experiences of the victims, with the main focus of the course being the resulting literature. The class will read literature, both fiction and non-fiction, diaries entries, poetry, and view films, documentaries, and artwork that were created before, during, and after the Holocaust including subsequent genocides. [Board Adopted 2016]
Duration: 1 Semester
Graduation Code: EL

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**ENG465** Media Literacy for the Information Age  
Credit: 0.5  
Students will learn to access, evaluate, analyze, and create media messages. This course will seek to develop students' ability to analyze and evaluate the credibility of multiple media types while also providing opportunities to students to practice critical ELA standards in reading informational texts, writing, and speaking and listening. Units of study include print and digital media, broadcast media, advertising, and social media. [Board Adopted 2019]  
**Duration:** 1 Semester  
**Graduation Code:** EL

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<tr>
<th>Course Code</th>
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<tr>
<td>ENG520</td>
<td>English Language Development (ELD) – Reading, Listening/Speaking &amp; Vocabulary</td>
<td>1.0</td>
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<tr>
<td>ENG522</td>
<td>(Pre-emergent)</td>
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<tr>
<td>ENG524</td>
<td>(Emergent)</td>
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<tr>
<td>ENG526</td>
<td>(Basic)</td>
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<tr>
<td>ENG526</td>
<td>(Intermediate)</td>
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In a highly structured environment, students will move from sound to text by focusing on simple and closed syllables consisting of short vowels and stable consonants. Reading and spelling of high frequency words and unit vocabulary will aid in reading of text. Students will learn the importance of fluency, vocabulary, and summarizing in the development of reading comprehension. This course is designed to provide students new to English with basic oral and aural competence in a wide variety of English language settings. Students will develop receptive and expressive English skills, while they also learn basic elements of the sound system and alphabet. Most coursework focuses on helping students to develop English skills that are immediately useful in school, classroom, and community settings. An emphasis is placed on introducing a wide range of relevant content vocabulary words. Students also are responsible for learning the spelling of a list of commonly used English words. (May be repeated for credit) [Board Adopted 2015] [Board Revised 2019]  
**Duration:** 1 Year  
**Graduation Code:** EL

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<td>ENG520</td>
<td>English Language Development (ELD) – Grammar &amp; Writing</td>
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<tr>
<td>ENG522</td>
<td>(Pre-emergent)</td>
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<tr>
<td>ENG524</td>
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<tr>
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<td>(Intermediate)</td>
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This course exposes students to foundational English language grammar and structure. Students will study basic syntactic elements of English (nouns, verbs, modifiers, etc.) along with phonetic and semantic aspects of the language. Word construction is also taught, as well as how to produce the four kinds of sentences in English (declarative, imperative, interrogative, and exclamatory). Students are expected to study and be able to identify all eight parts of speech. This course is also designed to provide students with a foundation to English writing. Students in this course receive direct instruction in grammar, sentence expansion and writing forms (paragraphs, essays, descriptive, narrative, etc.). Students will learn specific skills for pre-writing, drafting, and editing using a process writing format. Students also are responsible for learning the spelling of a list of commonly used English words. (May be repeated for credit) [Board Adopted 2015] [Board Revised 2019]  
**Duration:** 1 Year  
**Graduation Code:** EN, ES, EJ, ER

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<tr>
<td>ENG602</td>
<td>Forensic Speech 1-2*</td>
<td>1.0</td>
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This is a yearlong co-curricular academic honors course that is open to freshmen, sophomores, juniors, and seniors who have satisfactorily completed Public Speaking 1-2, or one full year of speech and debate competition. Students will learn the fundamentals of oral interpretation and platform speaking events through the study interpretation of dramatic literature, interpretation of humorous literature, interpretation of poetic literature, and duo interpretation of literature expository and persuasive speaking. Students will be required to participate in AIA Speech and Debate Competitions and must become members of the National Forensic League. [Board Adopted 2008]  
**Duration:** 1 Year  
**Graduation Code:** EL

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<tbody>
<tr>
<td>ENG604</td>
<td>Forensic Speech 3-4*</td>
<td>1.0</td>
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This is a yearlong co-curricular academic honors course that is open to sophomores, juniors, and seniors who have satisfactorily completed the prerequisite Forensics Speech 1-2, or two years of competitive speech and debate experience. Students in Forensic Speech 5-6 will prepare two full scale class productions (one per semester) based off of a common theme addressing a social or cultural concern addressed in the literature and rhetoric the class develops. These performances will be open to the public and students must lead an active discussion following their class performance. Students will be required to participate in AIA Speech and Debate Competitions and must become members of the National Forensic League. [Board Adopted 2008]  
**Duration:** 1 Year  
**Graduation Code:** EL

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<tr>
<td>ENG606</td>
<td>Forensic Speech 5-6*</td>
<td>1.0</td>
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</table>

This is a yearlong co-curricular academic honors course that is open to sophomores, juniors, and seniors who have satisfactorily completed the prerequisite Forensics Speech 3-4, or two years of competitive speech and debate experience. Students in Forensic Speech 5-6 will prepare two full scale class productions (one per semester) based off of a common theme addressing a social or cultural concern addressed in the literature and rhetoric the class develops. These performances will be open to the public and students must lead an active discussion following their class performance. Students will be required to participate in AIA Speech and Debate Competitions and must become members of the National Forensic League. [Board Adopted 2008]  
**Duration:** 1 Year  
**Graduation Code:** EL

[Underline = NCAA Approved Core Course]  
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[Bold underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
ENG608  Forensic Speech 7-8*  Credit 1.0
This is a yearlong co-curricular academic honors course that is open to juniors and seniors who have satisfactorily completed the prerequisite Forensics Speech 5-6 or three years of competitive speech and debate experience. Students will use their skills in advanced acting and rhetoric to product two full scale individual interpretation and persuasion productions in addition to writing a publishable article for submission to an appropriate publication. These performances will be open to the public and students must lead an active discussion following their class performance. Students will be required to participate in AIA Speech and Debate Competitions and must become members of the National Forensic League. [Board Adopted 2008]  
Duration: 1 Year  
Graduation Code: EL

ENG612  Debate 1-2*  Credit 1.0
This is a yearlong co-curricular academic honors course that is open to freshmen, sophomores, juniors, and seniors who have satisfactorily completed Public Speaking 1-2 or one full year of speech and debate competition. Debate 1-2 students will learn and practice the fundamental structure of Lincoln-Douglas, Cross-Examination, Public Forum and Student Congress Debates, and Extemporaneous Speaking in addition to an introduction to argumentation theory, communication theory, logic, and active listening. Students will be required to participate in AIA Speech and Debate Competitions and must become members of the National Forensic League. [Board Adopted 2008]  
Duration: 1 Year  
Graduation Code: EL

ENG614  Debate 3-4*  Credit 1.0
This is a yearlong co-curricular academic honors course that is open to sophomores, juniors, and seniors who have satisfactorily completed the prerequisite Debate 1-2, or one year of competitive speech and debate experience. Debate 3-4 students will learn advanced flowing skills, rebuttal revisions, critiques, unified analysis, theory application and will also receive an introductory study of philosophy, political science, and cultural studies. Students will be required to participate in AIA Speech and Debate Competitions and must become members of the National Forensic League. [Board Adopted 2008]  
Duration: 1 Year  
Graduation Code: EL

ENG616  Debate 5-6*  Credit 1.0
This is a yearlong co-curricular academic honors course that is open to sophomores, juniors, and seniors who have satisfactorily completed the prerequisite Debate 3-4 course, or two years of competitive speech and debate. Debate 5-6 will study advanced philosophy, political science theory, and cultural studies in addition to advanced rhetorical theory in preparation for a community open forum on debate issues explored throughout the class. Students will be required to participate in AIA Speech and Debate Competitions and must become members of the National Forensic League. [Board Adopted 2008]  
Duration: 1 Year  
Graduation Code: EL

ENG618  Debate 7-8*  Credit 1.0
This is a yearlong co-curricular academic honors course that is open to juniors and seniors who have satisfactorily completed the prerequisite Debate 5-6 course or three years of speech and debate competition. Debate 7-8 students will, through their practice of Lincoln-Douglas, Cross-Examination, Public Forum and Student Congress Debates, and Extemporaneous Speaking, use their research and experience in debate and extemporaneous topics to prepare a research portfolio for submission for publication. Students are expected to compete in AIA Speech and Debate competitions and maintain their membership to the National Forensic League. [Board Adopted 2008]  
Duration: 1 Year  
Graduation Code: EL

ENG620  Introduction to Public Speaking and Debate  Credit 0.5
Introduction to Public Speaking and Debate is designed to meet the oral communication needs of today's high school student. Emphasis will be placed upon one to group communications and will include oratory, extemporaneous speaking, oral interpretation, impromptu speaking, expository speaking and debate. This course will develop vocabulary, strengthen research skills, emphasize the value of clear and concise communication, and develop a student's poise and self-confidence. [Board Adopted 1998]  
Duration: 1 Semester  
Graduation Code: EL

ENG622  Public Speaking  Credit 0.5
The course of study in this one semester course is designed to develop students' skills in public speaking, debate, oral interpretation (prose and poetry), reader's theater, radio speaking, listening, writing, and organizing materials. Also, the procedures of oral and written evaluation will be stressed. The opportunity to participate in speech competition is available to each student. [Board Adopted 1998] [Board Revised 2011]  
Duration: 1 Semester  
Graduation Code: EL

ENG720  Photojournalism  Credit 1.0
This class is designed for students who wish to learn the principles of black and white photography with emphasis on photojournalism techniques. Students write captions and learn libel laws. Students learn to use a camera, to take pictures, to develop film and to print photographs for both the yearbook and newspaper. (May be repeated for credit) [Board Adopted 1998]  
Duration: 1 Year  
Graduation Code: EL  
Course Fee: $30.00

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* = Weighted rank status]
ENG802  Reading 1-2  Credit: 1.0
This course is open to students who will benefit from additional instruction and practice in reading strategies. Individualized and group instruction is used to help students cope with their high school courses. Freshmen who take this course will also enroll in Freshman Communications or Freshman English. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: EL

ENG804  Reading 3-4  Credit: 1.0
This course is a continuation of Reading 1-2 and must be taken in conjunction with Sophomore Communications or Sophomore English. Emphasis is placed on vocabulary development, critical thinking skills, reading flexibility, study and test-taking skills, survival reading, and career planning. In addition, students will receive help in reading materials from other subject areas and in meeting reading proficiency. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: EL

ENG806  Reading 5-6  Credit: 1.0
This course continues to apply and refine the skills covered in Reading 3-4. Students will receive help in meeting reading proficiency. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: EL

ENG810  Reading Strategies  Credit: 1.0
Reading Strategies is an intensive reading intervention program designed to meet the needs of students whose reading achievement is below the proficient level. The course directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading skills. The course is designed to supplement the regular English classes. Students enrolled in Reading Strategies will also be concurrently enrolled in a regular English course. The course is available only at Title I schools. (May be repeated for credit) [Board Adopted 2003][Board Revised 2005]
Duration: 1 Year
Graduation Code: EL

ENG850  Reading  Credit: 1.0
Individual reading skills are emphasized, and classroom activities range from one-to-one individualized instruction to group activities on various reading levels. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: EL

ENG852  Effective Reading  Credit: 0.5
This course is designed to give an intensive review of basic reading skills preparatory to passing the proficiency requirements. [Board Adopted 1998]
Duration: 1 Semester
Graduation Code: EL

ENG854  Reading Techniques  Credit: 1.0
This course is designed as a companion course to Freshman English, and the curriculum is developed to help the student succeed. Reading, writing, listening, and critical thinking skills are emphasized. Comprehension skills are stressed as well as study skills, vocabulary, and grammar usage. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: EL

SST250  American Studies  Credit: 2.0
American Studies provides an integrated studies approach to American History and Junior English. A two-hour block, the course combines the chronological approach to American History with the literary, dramatic, and oral selections representative of the American experience. Students should expect an in-depth study of American cultural and should be capable of performing in peer groups on extensive projects. Critical thinking skills will be utilized to challenge student perceptions, and assessments will occur through oral presentations and a variety of written work in addition to traditional tests. This course addresses the requirements for both American history and junior English. Students will receive one grade for the combined course. [Board Adopted 1998]
Duration: 1 Year
Graduation Code: EL

SST260  Honors American Studies*  Credit: 2.0
Honors American Studies uses the same chronological and integrated studies approach to American History and Junior English found in American Studies. This two-hour block course is focused on challenging the students to improve their writing by using an in-depth examination of American history and continually making connections and/or analyzing the role of said history in our country today. Students should expect numerous opportunities to write or analyze the literary, dramatic, and oral selections representative of the varied cultures found in the American experience. Students will be expected to complete extensive projects, which will showcase their ability to perform in peer groups, all the while being pushed to go above and beyond regular requirements. Assessments will occur through oral presentations and a variety of written work in addition to traditional tests. This course is designed to push the analytical and writing skills of the students to a new level, while continually highlighting the valuable connections between literature and history. This course addresses the requirements of Honors Junior English and Honors American History. Students will receive one grade for the combined course. [Board Adopted 2003]
Duration: 1 Year
Graduation Code: AA, EJ

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[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[Bold underline] = Requires student IEP to earn NCAA core rank]
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# Fine Arts

## Art

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ART100</td>
<td>Art and Design</td>
<td>1.0</td>
<td>Art and Design is not only for the aspiring young artist but also for the student who selects this course as a general interest class. Students are introduced to guidelines used in producing original artwork. Many art areas such as painting, drawing, sculpture, jewelry, fibers, ceramics, computer art and commercial art are explored. Students also participate in a variety of activities such as art exhibits, sales, and field trips. This course prepares students for study in commercial art, fine arts, art education, special and leisure time interests and other art related careers. [Board Adopted 1997]</td>
<td>1 Year</td>
<td>FA</td>
<td>$30.00</td>
</tr>
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| ART105     | Honors Art 1-2* | 1.0 | This course is designed to give the gifted and talented student an in-depth experience in the visual arts. An individualized program of study is developed to meet the needs and interests of each student. Students may develop their program of study to earn college or Advanced Placement credit. A student application, portfolio and teacher recommendation are each reviewed by committee for placement in the course. For further instruction, the student may take Honors Art 3-4 and Honors 5-6. [Board Adopted 1997] | 1 Year | FA | $50.00 |

| ART110     | Honors Art 3-4* | 1.0 | This course will provide an in-depth study in media areas and subject matter designed to meet the student’s individual developmental needs. Completion of Honors Art 1-2 and permission of the instructor are required. Students may elect to receive Advanced Placement or college credit. [Board Adopted 1997] | 1 Year | FA | $50.00 |

| ART115     | Honors Art 5-6* | 1.0 | This course will provide an in-depth study in several types of media areas. The subject matter is designed to meet students’ individual developmental needs. Completion of Honors Art 1-2 and permission of the instructor are required. Students may elect to receive Advanced Placement or college credit. [Board Adopted 2003] | 1 Year | FA | $50.00 |

| ART130     | Art History | 1.0 | Art History will provide an in depth study of art history and basic art concepts. Students will examine a variety of aspects of art history including themes and purposes of art; styles of art; the elements of art; design principles; two-dimensional media; western and non-western art history. Students will be given exposure to the community through museums, galleries and local artists. Students will also have a working knowledge of media. [Board Adopted 1997] [Board Revised 2003] | 1 Year | FA | $15.00 |

| ART150     | AP Art History* | 1.0 | AP Art History will provide the same benefits to high school students as those provided by an introductory course in art history. Students will have an understanding of architecture, sculpture, painting, and various other art forms within historical and cultural contexts. Students examine forms of artistic expression from the past and present representing a variety of cultures. Students learn to look at art works critically and analyze what they see. [Board Adopted 2001] | 1 Year | FA | $50.00 |

| ART155     | AP Studio Art* | 1.0 | The Advanced Placement Studio Art Program enables highly motivated students who are seriously interested in the study of art to do college-level work while in high school. A high level of effort is expected and students will need to work diligently both inside and outside the classroom. The course is based on suggested Advanced Placement guidelines from the national College Board Association. Emphasis is placed on direct observation, application of design elements and principles, and the development of a body of work that is based on student choice. Three concerns quality, concentration, and breadth are stressed throughout the course work culminating in the submission of a portfolio of student work (either Drawing, 2-D Design, or 3-D Design) to the College Board for review and assessment. AP credit will be awarded once the AP Portfolio has been submitted to the College Board. Students who successfully complete the requirements can request credit from the college or university they will attend. [Board Adopted 2008] | 1 Year | FA | $50.00 |

| ART200     | Introduction to Computer Graphic Art | 1.0 | This course provides students an introduction to computer systems, graphic communications and design, and various media software applications. Through hands-on experiences, students will apply technical knowledge and skills to plan, design, create and evaluate visual and printed media. The curriculum is based on specific skills using mechanical, electronics, and digital graphics equipment. The student in this program will implement critical thinking, applied academic, artistic principles, evaluation processes and studio techniques. Students will engage in career planning to assist them in making choices for the future. [Board Adopted 1997] [Board Revised 2003] [Board Revised 2016] | 1 Year | FA, VE | $25.00 |

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<tbody>
<tr>
<td>ART210</td>
<td>2-Dimensional Graphic Art 1-2</td>
<td>1.0</td>
<td>2-Dimensional Graphic Arts 1-2 covers a wide variety of graphic art techniques using computers and traditional methods. Areas explored include vector and raster graphics, typography, layout-design, web design and multimedia. Students will utilize critical thinking, applied academic and artistic principles, evaluation processes and studio techniques. Students will explore careers in the Graphic Arts and continue to develop a personal portfolio and resume. For further instruction in this area, students may take 2-Dimensional Graphic Art 3-4. [Board Adopted 1997] [Board Revised 2003] [Board Revised 2016]</td>
<td>1 Year</td>
<td>FA, VE</td>
<td>$25.00</td>
</tr>
<tr>
<td>ART215</td>
<td>2-Dimensional Graphic Art 3-4</td>
<td>1.0</td>
<td>2-Dimensional Graphic Arts 3-4 offers advanced exploration into a wide variety of graphic art techniques using computers as well as traditional methods. Areas expanded include vector and raster graphics, typography, layout-design, web design and multimedia. Students will utilize critical thinking, applied academic, artistic principles, evaluation processes and studio techniques. A greater emphasis on self-direction and exploration will be expected. Students will engage in career planning to assist them in making choices for the future and also continue developing a personal portfolio. [Board Adopted 1997] [Board Revised 2003] [Board Revised 2016]</td>
<td>1 Year</td>
<td>FA, VE</td>
<td>$25.00</td>
</tr>
<tr>
<td>ART220</td>
<td>2-Dimensional Graphic Art 5-6</td>
<td>1.0</td>
<td>2-Dimensional Graphic Arts 5-6 offers advanced exploration into a wide variety of graphic art techniques using computers as well as traditional methods. This course will provide an in-depth study in media areas and subject matter designed to meet students' individual developmental needs. Students will continue to utilize critical thinking, applied academic, artistic principles, evaluation processes and studio techniques. Students will continue to engage in career planning to assist them in making choices for the future and also revise their personal portfolio. [Board Adopted 2003] [Board Revised 2016]</td>
<td>1 Year</td>
<td>FA, VE</td>
<td>$25.00</td>
</tr>
<tr>
<td>ART310</td>
<td>Drawing and Painting 1-2</td>
<td>1.0</td>
<td>Drawing and Painting offers instruction in various techniques and processes. Students will use materials expressively to create a series of original art works. Painting and Drawing styles artists will be studied. Media to be explored may include pastel, inking, charcoal, watercolor, pencil, acrylic paint and conte. Students will have the opportunity to exhibit their finished work and evaluate it in group discussions. For further instruction in this area, students may take Drawing and Painting 3-4 and 5-6. [Board Adopted 1997]</td>
<td>1 Year</td>
<td>FA</td>
<td>$35.00</td>
</tr>
<tr>
<td>ART315</td>
<td>Drawing and Painting 3-4</td>
<td>1.0</td>
<td>Drawing and Painting 3-4 offers further instruction in various techniques and processes. Students will use materials expressively to create a series of original art works. The Painting and Drawing styles artists will be studied. More emphasis is placed on self-motivation and originality of work at this level. Media to be explored may include pastel, inking, charcoal, watercolor, pencil, acrylic paint and conte. Students will have the opportunity to exhibit their finished work and evaluate it in group discussions. For further instruction in this area, students may take Drawing and Painting 5-6. [Board Adopted 1997]</td>
<td>1 Year</td>
<td>FA</td>
<td>$35.00</td>
</tr>
<tr>
<td>ART320</td>
<td>Drawing and Painting 5-6</td>
<td>1.0</td>
<td>Drawing and Painting 5-6 offers further instruction in various techniques and process. Students will use materials expressively to create a series of original art works. The Painting and Drawing styles artists will be studied. More emphasis is placed on self-motivation and originality of work at this level. Media to be explored may include pastel, inking, charcoal, watercolor, pencil, acrylic paint and conte. Students will have the opportunity to exhibit their finished work and evaluate it in group discussions. [Board Adopted 1997]</td>
<td>1 Year</td>
<td>FA</td>
<td>$35.00</td>
</tr>
<tr>
<td>ART410</td>
<td>Photography 1-2</td>
<td>1.0</td>
<td>This course provides instruction in photographic fundamentals with an emphasis on digital photography including image capture, image editing, and image output. Camera, computer and printing operations will be covered and aligned with the state standards. Photographic concepts such as elements and principles of art, composition, photographic history, portfolio building, visual literacy and photography as a career will be covered in this level. No prior photography skills are required for this course. [Board Adopted 1997] [Board Revised 2016] [Board Revised 2019]</td>
<td>1 Year</td>
<td>FA, VE</td>
<td>$40.00</td>
</tr>
<tr>
<td>ART415</td>
<td>Photography 3-4</td>
<td>1.0</td>
<td>This one year course builds on the standards and skills learned in Photography 1-2 with an emphasis on the further development of aesthetic and technical skills that will aid students pursuing careers as photographers. Students will enhance their digital photography skills with an in-depth exploration in the composition, technique, history and cultural influences of photography, portfolio development, and exhibition. Elements of traditional film and alternative processes of photography and the darkroom and how they relate to digital processes may also be explored. [Board Adopted 1997] [Board Revised 2013] [Board Revised 2016] [Board Revised 2019]</td>
<td>1 Year</td>
<td>FA, VE</td>
<td>$50.00</td>
</tr>
</tbody>
</table>

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[italics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
ART420  Photography 5-6  Credit: 1.0
This course will provide ongoing study of previously learned techniques. Emphasis is on perfecting advanced level photographic skills. The student will be offered the opportunity to build and personalized a portfolio. In addition to required technical experience students will build their workplace skills. [Board Adopted 1997] [Board Revised 2016]
**Duration:** 1 Year  
**Graduation Code:** FA, VE

**Course Fee:** $50.00

ART425  Photography 7-8  Credit: 1.0
This class is for students who have completed Photography 1-6. This course will provide students the opportunity to plan, process, and produce advanced projects utilizing their photography skills. Students will continue to develop and build their portfolios. In addition to required technical experience, students will continue to build their workplace skills. [Board Adopted 2008] [Board Revised 2016]
**Duration:** 1 Year  
**Graduation Code:** FA, VE

**Course Fee:** $50.00

ART510  Ceramics 1-2  Credit: 1.0
This course is designed to introduce students to basic ceramics construction techniques and their application as an art form. A variety of methods of ceramics techniques will be explored including hand building and throwing techniques. Students will also learn a variety of glazing and surface manipulation techniques. For further instructions, students may take Ceramics 3-4. [Board Adopted 1997]
**Duration:** 1 Year  
**Graduation Code:** FA

**Course Fee:** $35.00

ART515  Ceramics 3-4  Credit: 1.0
The course is designed to expand upon the basic ceramics construction techniques covered in ceramics 1-2. A variety of methods of intermediate pottery techniques will be explored including hand building and throwing techniques. Students will learn a variety of intermediate glazing and surface manipulation techniques. For further instruction, students may take ceramics 5-6. [Board Adopted 1997]
**Duration:** 1 Year  
**Graduation Code:** FA

**Course Fee:** $35.00

ART520  Ceramics 5-6  Credit: 1.0
The course is designed to refine and expand upon the ceramics construction techniques covered in ceramics 3-4. A variety of methods of advanced ceramics technical skills and art related concepts will be explored. Students will also learn a variety of advanced glazing and surface manipulation techniques. For further instruction, students may take ceramics 7-8. [Board Adopted 1997]
**Duration:** 1 Year  
**Graduation Code:** FA

**Course Fee:** $35.00

ART525  Ceramics 7-8  Credit: 1.0
The course is designed to refine and expand upon the advanced ceramics construction techniques covered in ceramics 5-6. A variety of methods of advanced ceramics technical skills and related concepts will be explored. Students will learn a variety of advanced glazing and surface manipulation techniques. [Board Adopted 1997]
**Duration:** 1 Year  
**Graduation Code:** FA

**Course Fee:** $35.00

ART530  Pathway Ceramics 1-2*  Credit: 1.0
Pathway Ceramics 1-2 is designed to provide an in-depth program of study focused on mastery of ceramic artistic practices. Students will demonstrate proficiency in essential handbuilding, basic wheel throwing, and glazing techniques. Students will also engage in critique, evaluation, and exhibition of their work. This course is intended for students who have an interest in pursuing the arts in college, career, or in the community upon graduation. Student application, portfolio and teacher recommendation are each reviewed by the committee for placement in the course. [Board Adopted 2019]
**Duration:** 1 Year  
**Graduation Code:** FA

**Course Fee:** $35.00

ART535  Pathway Ceramics 3-4*  Credit: 1.0
Pathway Ceramics 3-4 is designed to provide an in-depth program of study focused on mastery of ceramic artistic practices. Students will demonstrate proficiency in essential handbuilding, basic wheel throwing, and glazing techniques. Students will also engage in critique, evaluation, and exhibition of their work. This course is intended for students who have an interest in pursuing the arts in college, career, or in the community upon graduation. Student application, portfolio and teacher recommendation are each reviewed by the committee for placement in the course. [Board Adopted 2019]
**Duration:** 1 Year  
**Graduation Code:** FA

**Course Fee:** $35.00

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[* = Weighted rank status]
ART540  Pathway Ceramics 5-6*  Credit: 1.0
Pathway Ceramics 5-6 is designed to provide an in-depth program of study focused on mastery of ceramic artistic practices. Students will demonstrate proficiency in essential handbuilding, basic wheel throwing, and glazing techniques. Students will also engage in critique, evaluation, and exhibition of their work. This course is intended for students who have an interest in pursuing the arts in college, career, or in the community upon graduation. Student application, portfolio and teacher recommendation are each reviewed by the committee for placement in the course. [Board Adopted 2019]
Duration: 1 Year
Course Fee: $35.00
Graduation Code: FA

ART710  Crafts 1-2  Credit: 1.0
This course is designed to introduce students to basic craft techniques and its application as an art form. Areas covered are jewelry, stained/etched glass, textiles, ceramics, silk painting, copper tooling, and beading. Students will apply their design knowledge in creating original 2-D and 3-D works of art. For further instruction in Crafts, you may take Crafts 3-4. [Board Adopted 1997]
Duration: 1 Year
Course Fee: $40.00
Graduation Code: FA

ART715  Crafts 3-4  Credit: 1.0
This course provides students with additional in-depth study in layered glass etching, stained glass, jewelry fabrication and casting batik, fibers, papemaking and ceramics sculpturing. Students will apply their knowledge of elements and principles of 2-D and 3-D design in creating original art works. In addition, instruction in the safe usage of large and small tools and equipment, careers in the craft industry, and analysis evaluation and interpretation of artwork will be covered. [Board Adopted 1997]
Duration: 1 Year
Course Fee: $40.00
Graduation Code: FA

ART720  Crafts 5-6  Credit: 1.0
This course provides additional in-depth study in Crafts. Experiences may include advanced studies in stained glass, jewelry design, fabrication and casting, metal-smithing, fiber techniques, sculpting, papemaking, and ceramics. [Board Adopted 1997]
Duration: 1 Year
Course Fee: $40.00
Graduation Code: FA

Music

MUS110  Choir 1-2  Credit: 1.0
This non-auditioned course, open to grades 9-12, is designed to help students develop foundational music skills, theory, sight-singing, ensemble and vocal techniques are taught through a broad range of literature. Performances will include Fall, Winter and Spring concerts. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Course Fee: $30.00
Graduation Code: FA

MUS120  Choir 3-4  Credit: 1.0
This auditioned course, open to grades 9-12, is designed to give the intermediate singer an opportunity to further develop music skills. Theory, sight-singing, ensemble and vocal techniques are taught through a broad range of literature. Performances will include Fall, Winter and Spring concerts. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Course Fee: $30.00
Graduation Code: FA

MUS130  Choir 5-6  Credit: 1.0
This auditioned course, open to grades 10-12, is designed to give the sight-singing, ensemble and vocal techniques are taught through a broad range of literature. Performances will include Fall, Winter and Spring concerts. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Course Fee: $30.00
Graduation Code: FA

MUS140  Choir 7-8  Credit: 1.0
This auditioned course, requiring concurrent enrollment in Choir 5-6, is designed to give the advanced singer an opportunity to further develop and refine music skills in a chamber ensemble setting. Theory, sight-singing, ensemble and vocal techniques are taught through an emphasis on jazz and madrigal literature. Increased performance requirement. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Course Fee: $30.00
Graduation Code: FA

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS210</td>
<td>Beginning Orchestra</td>
<td>1.0</td>
<td>This course meets the Fine Arts requirement for graduation and is designed for any student who is interested in learning fundamental skills on any stringed instrument (violin, viola, cello or string bass) and furthering an appreciation of music. This group is open to all students in all grade levels and requires no previous experience in music. The orchestra will provide opportunities for public performance; however, the emphasis is on training and developing string-playing techniques. Concerts outside of school are required. A limited number of school instruments are available. [Board Adopted 2003]</td>
</tr>
<tr>
<td>Duration: 1 Year</td>
<td>Course Fee: $30.00</td>
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<tr>
<td>Graduation Code: FA</td>
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</tr>
<tr>
<td>MUS220</td>
<td>Concert String Orchestra</td>
<td>1.0</td>
<td>This course is designed for the intermediate string player who is interested in refining fundamental skills and gaining advanced training on any stringed instrument (violin, viola, cello, or string bass) and furthering an appreciation of music. The group is primarily but not exclusively a freshmen organization. The orchestra will provide opportunities for public performance; however, the emphasis is on training and developing string-playing techniques. Practicing outside of school is required. A limited number of school instruments are available. (May be repeated for credit) [Board Adopted 1997]</td>
</tr>
<tr>
<td>Duration: 1 Year</td>
<td>Course Fee: $30.00</td>
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<tr>
<td>Graduation Code: FA</td>
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<tr>
<td>MUS230</td>
<td>Symphony Orchestra</td>
<td>1.0</td>
<td>This course is designed for advanced string players and is open to students who qualify by audition or instructor approval only. Outside of school practicing and performances are required to maintain a high standard of musical excellence. Where available, wind players from the band join with the strings from symphony orchestra for a full orchestra experience to perform in concerts and festivals. A limited number of school instruments are available. (May be repeated for credit) [Board Adopted 1997]</td>
</tr>
<tr>
<td>Duration: 1 Year</td>
<td>Course Fee: $30.00</td>
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<tr>
<td>Graduation Code: FA</td>
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<tr>
<td>MUS240</td>
<td>Chamber Orchestra</td>
<td>1.0</td>
<td>This course is designed for the advanced string player and is open to students who qualify by audition or instructor approval only. Outside of school practicing, rehearsals, and performances are required. This is the premier string/full orchestra, performing group. It requires the highest level of high school string performance. Opportunities exist for string quartets and other chamber ensembles. Where available, wind players join with the strings from chamber and/or symphony orchestra for a full orchestra experience to perform in concerts and festivals. A limited number of school instruments are available. (May be repeated for credit) [Board Adopted 1997] [Board Revised 2003]</td>
</tr>
<tr>
<td>Duration: 1 Year</td>
<td>Course Fee: $30.00</td>
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<tr>
<td>Graduation Code: FA</td>
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<tr>
<td>MUS300</td>
<td>Marching Band</td>
<td>0.5</td>
<td>This course is designed for students who are interested in participating in a large ensemble which participates in local and regional marching festivals, competitions, and athletic functions. This class will prepare students for involvement in a variety of field, athletic, and stage performances. It will do this through a study of music as part of the competitive field show arena. Required public performances will occur in the Fall. Instruments will be furnished as available. Auditions may be required, per the individual instructor's requirements. Students who have participated in three complete Fall semesters of high school Marching Band may be granted a waiver of the physical education requirement for graduation. (May be repeated for credit) [Board Adopted 2012]</td>
</tr>
<tr>
<td>Duration: 1 Semester</td>
<td>Course Fee: $30.00</td>
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<tr>
<td>Graduation Code: FA</td>
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<tr>
<td>MUS310</td>
<td>Junior Varsity Band</td>
<td>1.0</td>
<td>This course is open to any student who wishes to gain more advanced training in instrumental playing skills. The band will provide opportunities for public performance and individual and group developmental activities. An audition is required. Required public performances will include Fall, Winter and Spring concerts and festivals. Instruments will be furnished as available. (May be repeated for credit) [Board Adopted 1997]</td>
</tr>
<tr>
<td>Duration: 1 Year</td>
<td>Course Fee: $30.00</td>
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<td>Graduation Code: FA</td>
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<tr>
<td>MUS320</td>
<td>Intermediate Band</td>
<td>1.0</td>
<td>This course is designed to help students develop basic instrumental skills and an appreciation and understanding of music. This course is open to any students who would like to further their fundamental skills in musical performance. An audition is required. Required public performances will include Fall, Winter and Spring concerts and festivals. Instruments will be furnished as available. (May be repeated for credit) [Board Adopted 1997]</td>
</tr>
<tr>
<td>Duration: 1 Year</td>
<td>Course Fee: $30.00</td>
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<td>Graduation Code: FA</td>
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<tr>
<td>MUS330</td>
<td>Varsity Band</td>
<td>1.0</td>
<td>This course is open to any student who can qualify by audition. As the premiere, performing band that gives a number of performances each year, outside practicing and sectional are required to maintain the high standards of musical performance. Required public performances will include Fall, Winter and Spring concerts and festivals. Instruments will be furnished as available. (May be repeated for credit) [Board Adopted 1997]</td>
</tr>
<tr>
<td>Duration: 1 Year</td>
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[Underline = NCAAP Approved Core Course]
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[b*ics underline = Requires student IEP to earn NCAAP core rank]
MUS335  Percussion Class  Credit: 1.0
This course is designed for students with previous percussion background to further develop their performance proficiency on all percussion instruments. This class is to prepare students for involvement in performing groups (i.e. percussion ensemble, jazz ensemble, concert band, orchestra). Required public performances will include Fall, Winter and Spring concerts and festivals. Instruments will be furnished as available. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS350  Jazz Ensemble  Credit: 1.0
This course is designed to give the advanced music student the opportunity to study and perform music of all jazz styles. Improvisational skills will be stressed. Students must exhibit by audition, high performance skill on at least one of the following instruments: saxophone, trombone, trumpet, drums, piano, guitar and string bass. Required public performances will include Fall, Winter and Spring concerts and festivals. Instruments will be furnished as available. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS360  Mariachi Concierto 1-2  Credit: 1.0
This course is designed for the novice Mariachi musician, as well as those with minimal experience in the Mariachi ensemble. Open to all without audition, students will have the opportunity to learn traditional mariachi instruments, as well as other instruments at the discretion of the director. Students will be exposed to a variety of styles and genres within the Mariachi ensemble tradition and will perform throughout the academic year. (May be repeated for credit) [Board Adopted 2015] [Board Revised 2019]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS370  Mariachi Sinfonico 3-4  Credit: 1.0
This course is designed for the intermediate Mariachi musician. Placed by audition and/or director discretion, students will have the opportunity to continue to study and skill development on traditional Mariachi instruments, as well as other instruments at the discretion of the director. Students will be exposed to a variety of styles and genres within the Mariachi ensemble tradition and will perform throughout the academic year. (May be repeated for credit) [Board Adopted 2019]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS380  Mariachi Virtuoso 5-6  Credit: 1.0
This course is designed for the advanced Mariachi musician. Placed by audition and/or director discretion, students will have the opportunity to continue to study and skill development on traditional Mariachi instruments, as well as other instruments at the discretion of the director. Students will be exposed to a variety of styles and genres within the Mariachi ensemble tradition and will perform throughout the academic year. (May be repeated for credit) [Board Adopted 2019]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS410  Guitar 1-2  Credit: 1.0
This course is designed to help students develop basic instrumental skills and an appreciation and understanding of music. It is open to students with minimal or no previous experience in guitar. [Board Adopted 1997] [Board Revised 2013]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS420  Guitar 3-4  Credit: 1.0
This course offers the student an opportunity to continue to develop instrumental skills in guitar and musicianship at an intermediate level. Music reading and public performance will be stressed. An audition is required. [Board Adopted 1997] [Board Revised 2013]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS430  Guitar 5-6  Credit: 1.0
This course offers the student an opportunity to continue to develop instrumental skills in guitar and musicianship at an advanced level. Music reading and public performance will be stressed. An audition is required. [Board Adopted 1997] [Board Revised 2013]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $30.00

MUS510  Piano 1-2  Credit: 1.0
This course meets the Fine Arts requirement for graduation. It is designed for students with minimal or no previous experience in piano. It covers the basics of piano playing that include note reading, theory, performance skills, and developing an appreciation for and understanding of music. Students become familiar with beginning piano literature including folk songs and music from many cultures. Research shows an undisputed correlation between musical performance skills and academic success in other curricular areas. [Board Adopted 1997] [Board Revised 2013]
Duration: 1 Year
Graduation Code: FA  
Course Fee: $20.00

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[b]italics underline = Requires student IEP to earn NCAA core rank|]
[* = Weighted rank status]
MUS520 Piano 3-4 Credit: 1.0
This course meets the Fine Arts requirement for graduation. It is designed for students with previous experience in piano and requires instructor approval. It covers the intermediate skills of piano playing that include intermediate note reading, theory, performance skills, and furthering an appreciation for and understanding of music. Students become more familiar with piano literature including folk songs and music from many cultures. Research shows an undisputed correlation between musical performance skills and academic success in other curricular areas. [Board Adopted 1997] [Board Revised 2013]
Duration: 1 Year
Graduation Code: FA
Course Fee: $20.00

MUS530 Piano 5-6 Credit: 1.0
This course meets the Fine Arts requirement for graduation. It is designed for students with previous experience in piano and requires instructor approval. It covers advance skills of piano playing that include advanced note reading, advanced theoretical concepts, advanced performance skills, advanced understanding of musical forms, as well as becoming more familiar with a world-renowned repertoire of piano music. The class is especially valuable any student considering a music major in college. (May be repeated for credit) [Board Adopted 1997] [Board Revised 2005] [Board Revised 2013]
Duration: 1 Year
Graduation Code: FA
Course Fee: $20.00

MUS600 Honors Music Exploration and Performance* Credit: 1.0
MUS610 (Choir) Credit: 1.0
MUS620 (Orchestra) Credit: 1.0
MUS630 (Band) Credit: 1.0
MUS640 (Percussion) Credit: 1.0
This course is designed for students that demonstrate giftedness in band, choir or orchestra and will include all of the Distinction/Honors indicators as stated in the Arizona Arts Standards and Performance Objectives. It is open to students who qualify by audition and application only. Students must perform at the highest-level ensemble in their respective areas. (May be repeated for credit) [Board Adopted2003] [Board Revised 2005]
Duration: 1 Year
Graduation Code: FA
Course Fee (each) $30.00

MUS650 Music Appreciation Credit: 1.0
A music department offering designed for the non-performer. This class will afford students the opportunity to examine music and music performance in a variety of historical contexts. The class will focus primarily on the tradition of Western art music from its origins to the present day. The lives and contributions of selected great composers will be featured. In addition to these studies, students will be required to complete a number of assignments outside of class time that will involve attendance at selected concert performances in the local area and/or on campus. [Board Adopted 1997]
Duration: 1 Year
Graduation Code: FA
Course Fee: $20.00

MUS660 Music Theory Credit: 1.0
This course is designed for students wishing to gain advanced skills in notation, arranging, composition, sight singing, keyboard harmony and harmonic, melodic and rhythmic dictation. Students must be at least sophomores and have at least one year of previous music instruction. [Board Adopted] [Board Revised 2003]
Duration: 1 Year
Graduation Code: FA
Course Fee: $15.00

MUS665 AP Music Theory* Credit: 1.0
This course is designed to develop understanding of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, music history, style, dictation and other listening skills, sight singing, and keyboard harmony. The student’s ability to read and write musical notation is fundamental to such a course. It is also assumed that the student has acquired at least basic performance skills in voice or on an instrument. [Board Adopted 2002]
Duration: 1 Year
Graduation Code: FA
Course Fee: $15.00

MUS670 World Music (Ethnomusicology) Credit: 0.5
This course is designed for students with little or no previous music background. This class will prepare students for involvement in a variety of world music performance ensembles (i.e. steel drum band, African drum ensemble and Mexican marimba ensemble). It will do this through a study of music as part of the culture. Required public performances will include Fall and Spring concerts. Instruments will be furnished as available. (May be repeated for credit) [Board Adopted 1999] [Board Revised 2015]
Duration: 1 Semester
Graduation Code: FA
Course Fee: $15.00

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[* = Weighted rank status]
MUS675 Jazz History Credit: 0.5
This course will outline the history of jazz and how cultural, social, political, and economic conditions have shaped its evolution from pre-jazz eras to the present. [Board Adopted 2015]
Duration: 1 Semester
Graduation Code: FA
Course Fee: $15.00

MUS680 Rock History Credit: 0.5
This course will outline the history of rock and roll and how cultural, social, political, and economic conditions have shaped its evolution, from pre-rock eras to the present. [Board Adopted 2015]
Duration: 1 Semester
Graduation Code: FA
Course Fee: $15.00

Theatre

TND110 Theatre 1-2 Credit: 1.0
This full year course deals primarily with theatre vocabulary, acting techniques and methods, analysis and evaluation of performance, theatre history and application of theatre skills as they relate to other disciplines. [Board Adopted 1997]
Duration: 1 Year
Graduation Code: FA
Course Fee: $15.00

TND120 Theatre 3-4 Credit: 1 This full year course is designed to reinforce and refine skills in Basic Drama. Particular emphasis is placed upon the development of the performance ensemble. Students will investigate in detail the production aspects of make-up, costume, body movement, voice and diction, and line interpretation, in preparation for performance of a selection of the following: period plays, melodramas, children’s theater and reader’s theater. Monologues, scenes, one acts and fully staged productions may be performed both on and off campus. [Board Adopted 1997]
Duration: 1 Year
Graduation Code: FA
Course Fee: $15.00

TND130 Theatre 5-6 Credit: 1.0
This course is open to those junior/senior students who wish to pursue the study of acting and gain further training in character development and analysis and stage direction. Directorial experience enables the student to create living theater out of a written script. Mime, musical theater, playwriting, advanced acting techniques, experimental theater and special projects may be included. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Graduation Code: FA
Course Fee: $15.00

TND150 Technical Theatre 1-2 Credit: 1.0
Technical Theatre 1-2 is the merging of the many technical elements of play. Students who study Technical Theatre acquire an intimate knowledge of design, construction, costuming, make-up, sound, lighting and all other technical aspects of theater production. They are afforded “hands-on” practical experience that may lead them into technical careers. [Board Adopted 1997] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $50.00

TND155 Technical Theatre 3-4 Credit: 1.0
Technical Theatre 3-4 provides an opportunity for students to practice leadership roles within the Technical Theatre class. Students who study stagecraft at the advanced levels refine their skills in design and production while acting as mentors to the basic students. They may further their experience and deepen their understanding of professional production in a technical setting that may lead to career opportunities. [Board Adopted 1997] [Board Revised 2012] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $50.00

TND160 Technical Theatre 5-6 Credit: 1.0
This course is open to students in grades 11 and 12. Students must have successfully completed Technical Theatre 1-4. This course is designed for students interested in specializing in Technical Theatre. Students will actively lead and develop technical theatre elements (i.e. design, lighting, sound, costumes, etc.). Students will participate in productions and performances designed to prepare students for technical theatre career opportunities. Students will participate in culminating production performances throughout the year. Students in this course are required to participate in theatre productions and other theatrical events. [Board Adopted 2012] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $50.00

TND165 Technical Theatre 7-8 Credit: 1.0
This course is open to students in grade 12. Students must have successfully completed Technical Theatre 1-6. It is designed for students interested in specializing in Technical Theatre. Students will actively lead and develop technical theatre elements (i.e. design, lighting, sound, costumes, etc.). Students will participate in productions and performances designed to prepare students for technical theatre career opportunities. Students will participate in culminating production performances throughout the year. Students in this course are required to participate in theatre productions and other theatrical events. The course includes and external internship and work as auditorium manager for campus events and activities. [Board Adopted 2012] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $50.00

[Underline = NCAA Approved Core Course]
[ † = Course must be taken in conjunction w/another to meet Grad. Requirement] [Halics underline = Requires student IEP to earn NCAA core rank] [ * = Weighted rank status]
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<tbody>
<tr>
<td>TND170</td>
<td>Honors Theatre Exploration and Performance*</td>
<td>1.0</td>
<td>This course is designed for students that will demonstrate giftedness in theatre and will include all of the “Advanced” indicators as stated in the Arizona Arts High School Theatre Standards of Creating, Presenting, Responding and Connecting. It is open to theatre 5-6 students who qualify by application and audition only. Students must produce at the highest level of theatrical performance (i.e., theatre education with literacy, theatre history, playwriting, directing, etc.). The honors course mirrors the Theatre 5-6 curriculum, but includes rigorous coursework and requirements in the areas of performance, playwriting, theatre history, directing, and dramaturgy/research. (May be repeated for credit) [Board Adopted 2016] [Board Revised 2019]</td>
</tr>
<tr>
<td>TND180</td>
<td>Honors Technical Theatre Exploration and Performance*</td>
<td>1.0</td>
<td>This course is designed for students that will demonstrate giftedness in technical theatre and will include all of the CTE technical standards, workplace standards, and Arizona High School Advanced Arts standards for creating, presenting, responding, and connecting. It is open to Technical Theatre 5-6 and 7-8 students who qualify by application and interview only. Students must produce work at the highest level of technical theatre production (i.e. shop safety, tools/power tools, design, set construction, lighting, sound, costumes, make-up, etc.). The honors course mirrors the Technical Theatre 5-6 and 7-8 curriculums, and includes additional rigorous coursework and requirements in the areas of production, design, technology, and portfolio development. (May be repeated for credit) [Board Adopted 2017] [Board Revised 2019]</td>
</tr>
<tr>
<td>TND230</td>
<td>Advanced Dance</td>
<td>1.0</td>
<td>This course will build on the elements presented in intermediate dance with emphasis on advanced dance techniques, body awareness, choreography and performance. Student will increase self-awareness, responsibility and confidence. <strong>PE or FA credit dependent upon teacher certification.</strong> Audition is required. (May be repeated for credit) [Board Adopted 1998]</td>
</tr>
<tr>
<td>TND240</td>
<td>Dance Performance</td>
<td>1.0</td>
<td>Dance Performance gives the advanced dance student the opportunity to integrate prior knowledge within the various aspects of concert work. This class includes choreography, rehearsals, technical theatre skills, publicity, committee work and concert performance. The class presents performances several times during the year. <strong>PE or FA credit dependent upon teacher certification.</strong> Audition is required. (May be repeated for credit) [Board Adopted 1998]</td>
</tr>
<tr>
<td>TND300</td>
<td>Film Study I</td>
<td>0.5</td>
<td>This course offers students a panoramic overview of the development of film from the first celluloid to the silent shorts with icons like Chaplin, through the studio boom in the 1930’s – 1950’s into the “Hollywood Renaissance” of the 1960’s and 1970’s. The students will be able to master film vocabulary and concepts while learning to formulate rich interpretations in analysis through written and verbal critiques. The students will examine the fundamental elements of film including narrative form, cinematography, editing and sound. The students will also examine the cultural aspects of film and be able to relate these aspects to the growth of the industry. Through these studies the students will be able to understand how their own reactions to film will have an impact on the overall film experience. [Board Adopted 2005]</td>
</tr>
<tr>
<td>TND310</td>
<td>Film Study II</td>
<td>0.5</td>
<td>Film Study II is a continuation of the principles of film covered in Film Study I. This course offers students an overview of films during the “Hollywood Renaissance” of the 1960’s and 1970’s to the technological wonders of the film world done in the present. The students will be able to master film vocabulary and concepts while learning to formulate rich interpretations in analysis through written and verbal critiques. The students will examine the fundamental elements of film including narrative form, cinematography, editing and sound. The students will also examine the cultural aspects of film and be able to relate these aspects to the growth of the industry. Through these studies the students will be able to understand how their own reactions to film will have an impact on the overall film experience. [Board Adopted 2005]</td>
</tr>
</tbody>
</table>
Interdisciplinary Studies

IDS100  Interdisciplinary Studies  Credit: 1.0
Interdisciplinary Studies is a year-long elective course, which exposes the student to a broad array of academic disciplines and communications skills area. Students taking this course will be expected to possess and demonstrate a high degree of personal initiative, independent research skills, ability to process and synthesize information, and the desire to work cooperatively in a team environment. The course not only serves to introduce the student to the world of Interdisciplinary study, but also serves to prepare interested students for the Academic Decathlon program, a national academic competition. (May be repeated for credit) [Board Adopted]
Duration: 1 Year
Graduation Code: EL

IDS110  Honors Interdisciplinary Studies*  Credit: 1.0
This elective course exposes the student to a broad array of academic disciplines and communications skills area. Students taking this course will be expected to possess and demonstrate a high degree of personal initiative, independent research skills, ability to process and synthesize information, and the desire to work cooperatively in a team environment. The course not only serves to introduce the student to the world of Interdisciplinary study, but also serves to prepare interested students for the Academic Decathlon program, a national academic competition. (May be repeated for credit) [Board Adopted]
Duration: 1 Year
Graduation Code: EL

IDS200  Advanced Studies *  Credit: 1.0
Advanced Studies is a rigorous course focusing on the development of college-level research study and analysis skills, preparation of a professional work for publication related to the student’s eventual career interest, or the successful completion of high level university coursework related to the student’s eventual academic focus. Students enrolled in Advanced Studies will have the option to create independent research projects or engage in college courses of a level beyond that offered as a regular part of district curriculum. Students choosing the independent research project option will formulate a detailed research proposal and project of significant academic or intellectual interest, arrange a faculty advisory committee to guide research and analysis, show evidence of thorough research and analysis of the research topic, and make a formal presentation of research results involving the advanced use of technology or submit the results for professional publication. Students choosing the advanced studies option will pursue studies in advanced university-level curricula offered at a post-secondary institution, e.g. ASU. Students enrolled in this course will also be expected to meet periodically in small groups to present and discuss issues related to their research or coursework. (May be repeated for credit) [Board Adopted 2002] [Board Revised 2005]
Duration: 1 Year
Graduation Code: EL

IDS300  Honors Professional Internship Program*  Credit: 1.0
This year-long course offers gifted students an opportunity to make an in-depth investigation of professional field(s) they are considering. Professionals mentor students in more realistic and advanced career experiences than those available on the school campus. Students have the opportunity to develop professional training, leadership skills, and real-life abilities. Students arrange for their own professional mentors to shadow 5 hours weekly, propose and create an internship-related project or report each quarter, and, on some campuses, participate in online course discussions with classmates. (May be repeated for credit) [Board Adopted 2002] [Board Revised 2005]
Duration: 1 Year
Graduation Code: EL

IDS410  AP Research*  Credit: 1.0
“AP Research allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of approximately 4,000 – 5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.” (Adapted from the College Board) [Board Adopted 2015]
Duration: 1 Year
Graduation Code: PA

IDS400  AP Seminar*  Credit: 1.0
“AP Seminar… engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and reviewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team.” (Adapted from the College Board) [Board Adopted 2015] [Board Revised 2017] [Board Revised 2018]
Duration: 1 Year
Graduation Code: PA

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## Mathematics

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<tbody>
<tr>
<td>MAT100</td>
<td>Algebra 1</td>
<td>1.0</td>
<td>This course is designed for the student who can independently use and apply the basic skills of arithmetic. The course introduces the student to the basic structure of Algebra through the use and application of real numbers, inequalities, factoring, polynomials, linear and quadratic equations, and graphs. Appropriate technology will be used to enhance mathematical understanding and problem solving skills. Students who successfully complete this course with a grade of “C” or higher should be prepared to take Geometry. [Board Adopted 2000] [Board Revised 2017]</td>
</tr>
<tr>
<td>MAT140</td>
<td>Integrated Algebra &amp; Chem-Physics</td>
<td>2.0</td>
<td>This course provides an alternative to all students who will concurrently take Algebra 1 and Chem-Physics Foundations. The course will integrate those two courses, providing a means for students to be exposed to the concepts of Algebra 1 within the context of Chem-Phys. Technology will also be integrated as students apply the fundamentals of mathematics in a scientific setting. All concepts of both courses will be taught and students who successfully complete this course will be credited for both a math course and a physical science course. [Board Adopted 2008]</td>
</tr>
<tr>
<td>MAT200</td>
<td>Geometry</td>
<td>1.0</td>
<td>This course introduces the student to the deductive method of proof with the use of points, lines, and planes. Solid geometry is integrated with plane geometry to lead the student to consideration of two-and three-dimensional figures and to develop the ability to visualize space relationships. Students who successfully complete this course with a grade of “C” or higher should be prepared for Algebra 2. [Board Adopted 2000] [Board Revised 2017]</td>
</tr>
<tr>
<td>MAT210</td>
<td>Honors Geometry*</td>
<td>1.0</td>
<td>This course introduces the student to the deductive method of proof with the use of points, lines, and planes. Solid geometry is integrated with plane geometry to lead the student to consideration of two-and three-dimensional figures and to develop the ability to visualize space relationships. Other geometries and methods of proof will also be explored. Right triangle trigonometry will be included in this course. Opportunities for creative expression and enrichment will be provided. This course meets the state proficiency standards at the distinction level. [Board Adopted 2000] [Board Revised 2004] [Board Revised 2017]</td>
</tr>
<tr>
<td>MAT300</td>
<td>Algebra 2</td>
<td>1.0</td>
<td>This course begins with a review of Algebra 1 topics and introduces the following new topics: matrices, complex numbers, exponential and logarithmic functions, conic sections, higher degree polynomial functions, sequences and series, and trigonometry. This course or Honors Algebra 2 is required for students who are planning to attend most post-secondary institutions. Students who successfully complete this course with a grade of “C” or better have met the prerequisite for Pre-Calculus. [Board Adopted 2000] [Board Revised 2004] [Board Revised 2008] [Board Revised 2017]</td>
</tr>
<tr>
<td>MAT310</td>
<td>Honors Algebra 2*</td>
<td>1.0</td>
<td>This course in second year Algebra and Trigonometry is an extension of topics covered in Algebra 1. The real and complex number systems, solutions of equations and inequalities, trigonometry, logarithms, and exponents are emphasized. The concepts of relations, and functions are explored thoroughly and used to unify the course material. Technology is used as a tool throughout the course to support and enhance learning. This course is highly recommended for the student who is interested in pursuing a career in mathematics, science, or engineering. Students successfully completing this course with a grade of “B” or higher are prepared to take Honors Finite Math/Honors Brief Calculus the following year. [Board Adopted 2000] [Board Revised 2004] [Board Revised 2008] [Board Revised 2017]</td>
</tr>
<tr>
<td>MAT350</td>
<td>Quantitative Reasoning</td>
<td>1.0</td>
<td>Quantitative Reasoning is a mathematics course specifically designed for high school seniors that follows Algebra 1, Geometry, and Algebra 2. Intended to help students develop college and career skills such as collaborating, conducting research, and making presentations, this course builds and extends upon prior student learning and covers a wide range of real-world mathematical topics. Units of study will include: applications in analyzing numerical data, probability, descriptive statistics, recursion, functions, finance, as well as networks and graphs. Whatever your interest – social sciences, environmental issues, politics, business and economics, art and music-mathematics can provide an opportunity to better understand these topics, as well as make you a more aware and better-educated citizen. [Board Adopted 2017] [Board Revised 2018]</td>
</tr>
</tbody>
</table>

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MAT400  Pre-Calculus  Credit: 1.0
This course introduces the student to higher mathematics through the study of fundamental concepts of equations, functions and applications. Emphasis is placed upon understanding rather just manipulation and computation. Appropriate technology will be used to enhance mathematical understanding and problem solving skills. Students successfully completing this course with a "C" or higher should be prepared to take Honors Finite Mathematics and Honors Brief Calculus. [Board Adopted 2000] [Board Revised 2008]
Duration: 1 Year
Graduation Code: MA

MAT410  Honors Pre-Calculus*  Credit: 1.0
This course is designed to complete the student's pre-calculus training. Topics from trigonometry and higher algebra are reviewed and/or extended. A study of analytic geometry is included. Basic calculus concepts including limits, derivatives, continuity and integrals will be developed. The course is designed for those capable students who have completed Honors Algebra 2 or Math Analysis. Students successfully completing this course with a grade of "C" or higher should be prepared to take AP Calculus AB. [Board Adopted 2000]
Duration: 1 Year
Graduation Code: MA

MAT420  Honors Trigonometry*  Credit: 0.5
This honors level course will focus on the study of angles; the trigonometry of angles and real numbers; the trigonometric functions and their inverses including their graphs; solutions of right an oblique triangles; verification of fundamental identities and analytic trigonometry; addition, subtraction and multiple angle formulas; the laws of sines and cosines; vectors and the dot and cross product; complex numbers, De Moivre’s Theorem and the roots of complex numbers; polar coordinates and equations. The course will also include the study of functions including exponential and logarithmic functions. [Board Adopted 2004]
Duration: 1 Semester
Graduation Code: MA

MAT430  Honors Finite Mathematics*  Credit: 0.5
An introduction to the mathematics required for the study of social and behavioral sciences. The topics include: sets, solving linear systems with two and three equations, combinatorics, probability, matrix algebra, linear programming, statistics, and mathematics of finance. Student will be able to compute simple and compound interest, calculate the cost of repaying a loan using the amortization method, solve counting problems using permutations and combinations, use Markov chains, Bayes formula, or binomial experiments to determine the probability of an event. Lastly, students will be able to calculate the mean, median, and standard deviation for a series of scores. Appropriate technology will be used to enhance mathematical understanding and problem solving skills. The use of a graphing calculator/computer program is essential throughout this course. Students successfully completing this course with a "C" or higher should be prepared to take Honors Brief Calculus. [Board Adopted 2008]
Duration: 1 Semester
Graduation Code: MA

MAT450  College Mathematics  Credit: 1.0
Students will gain a working knowledge of college level mathematics and its application to real life problems. There is an emphasis on understanding mathematical concepts and their applications. Topics include set theory, probability, statistics, finance and geometry. This course may be offered for college (dual) credit and is the course most non-math/science majors need. [Board Adopted 2012]
Duration: 1 Year
Graduation Code: MA

MAT500  Honors Brief Calculus*  Credit: 0.5
An introduction to the theory, techniques, and applications of the differential and integral calculus of elementary functions with problems of interest to students required for the study in business and social sciences. Students will be able to find limits of function values of algebraic, exponential, and logarithmic functions. Students will be able to work business and economics applied problems using the derivative. The use of a graphing calculator/computer program is essential throughout this course. Students successfully completing this course with a “C” or higher should be prepared to take AP Calculus BC. [Board Adopted 2008]
Duration: 1 Semester
Graduation Code: MA

MAT510  AP Calculus AB*  Credit: 1.0
This course includes a thorough study of differentiation and integration with many applications. Limits and continuity are investigated in-depth. The course will emphasize the importance of mathematics studied to date. After completion of this course, the student may wish to take the Advanced Placement Test, Calculus AB. [Board Adopted 2000]
Duration: 1 Year
Graduation Code: MA

MAT520  AP Calculus BC*  Credit: 1.0
This course continues the thorough study of differentiation and integration begun in Honors Brief Calculus. Applications of these topics are studied: limits, continuity, differentiation, integration, infinite series, and differential equations are investigated in-depth. After completion of this course, the student may wish to take one of these Advanced Placement Exams: Calculus AB or Calculus BC. [Board Adopted 2000] [Board Revised 2008]
Duration: 1 Year
Graduation Code: MA

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[* = Weighted rank status]
MAT530  Honors Calculus III*  Credit: 0.5
This course is designed as an advanced follow-up course to AP Calculus BC. This course will cover the third semester of college calculus. This course will be taught utilizing a graphing calculator. Computer graphing will be used to enhance visualization and conceptualization. Real life applications and examples will reinforce problem-solving skills. The course will combine graphical, numerical, and algebraic techniques toward the solution of problems involving the techniques of calculus. [Board Adopted 2008]
Duration: 1 Semester
Graduation Code: MA

MAT540  Differential Equations*  Credit: 0.5
This course is designed as an advanced follow-up course to Honors Calculus III. This course will cover differential equations. This course will be taught utilizing a graphing calculator. Computer graphing will be used to enhance visualization and conceptualization. Real life applications and examples will reinforce problem-solving skills. The course will combine graphical, numerical, and algebraic techniques toward the solution of problems involving the techniques of calculus. [Board Adopted 2008]
Duration: 1 Semester
Graduation Code: MA

MAT545  Statistics  Credit: 1.0
This course is designed as a 4th year math credit for students seeking a class that prepares them for college courses that involve statistical reasoning. The course will incorporate real-world applications for core statistical knowledge to better engage students in their learning. Throughout this course, students will be required to communicate using mathematical and statistical vocabulary through giving oral and written analysis on multi-level statistical tests involving real-world context. The primary focus of the class will be to teach students the basic principles of statistical reasoning, asking questions, collecting data, analyzing data, and making conclusions. Major statistical topics include: analyzing distributions of univariate and bivariate data, using graphs and summary statistics, correlation, and using simulations to estimate probability distributions, rules of probability, the logic of hypothesis testing, calculating and interpreting p-values, drawing conclusions, using confidence intervals, and proper methods of data collection. [Board Adopted 2018]
Duration: 1 Year
Graduation Code: MA

MAT550  AP Statistics*  Credit: 1.0
This college level course is designed to explore data analysis, standard deviation, scatter plots, correlation, residual plots, experimental design, bias, probability, central limit theorem, margin or error, null hypothesis, alternative hypothesis, assumptions rules of thumb, p-value, alphas level, type I & II errors, confidence intervals, inference by z-tests, t & II sample and tests, t & II proportion tests, x2 tests, 2 sample t-tests, Anova tests, linear regression t-tests. After completion of this course, the student may wish to take the Advanced Placement Statistics examination. [Board Adopted 2003]
Duration: 1 Year
Graduation Code: MA

MAT560  Honors Linear Algebra*  Credit: 1.0
This course is a college level course for students who have completed Honors Calculus III. This course covers systems of linear equations and matrices, Gauss-Jordan elimination, homogeneous systems, matrix algebra, matrices, and inverses. Study continues with determinants, by row reduction and cofactor expansions, vector spaces, linear independence, subspaces, bases, and dimension. It also covers topics such as linear transformations, matrices, change of basis, similarity, rank, null spaces, range, inner product spaces, Gram-Schmidt orthogonalization, eigenvectors and values and diagonalization. This course is presented in a more rigorous way than a student may be used to from previous math courses, so although the theory is easier than that of calculus, there will be perhaps unexpected challenges for most students. [Board Adopted 2011]
Duration: 1 Year
Graduation Code: MA

MAT580  Advanced Math Seminar*  Credit: 1.0
This course is designed as a college level course for students who have completed Honors Pre-Calculus. Mathematics is dynamic. New math is being invented and applied in new ways every day. Contemporary mathematical thinking helps develop the capacity to engage in logical thinking and read critically the technical information with which our contemporary society abounds. Students may select an emphasis and work from a corresponding syllabus in one or more of the following content areas: discrete mathematics, linear algebra, AP statistics, cryptography, graph theory, or other equally sophisticated math topics. (May be repeated for credit) [Board Adopted 2000]
Duration: 1 Year
Graduation Code: MA

MAT600  Honors Computer: Programming 1-2*  Credit: 1.0
This rigorous, college-level course introduces students to programming using industry-based language and is designed to immerse students in software application development. Students will gain a strong understanding of object-oriented programming and enhance their critical thinking, collaboration, and real-world problem-solving skills as they learn to design, code, and debug programming applications. Challenging assignments encourage students to master important programming concepts such as objects, constructors, variables, arrays, operators, control structures, loops, exception handling, data files basic graphical user interfaces, and development of advanced algorithms. No prior programming experience is required. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2016] [Board Revised 2019]
Duration: 1 Year
Graduation Code: MA, VE

MAT610  Honors Computer Programming 3-4*  Credit: 1.0
This course is designed to continue to develop the student’s programming skills. Options could include extending the knowledge base of the language(s) used in the introductory level course or studying additional languages. Emphasis will be placed on participation in programming teams and writing programs for a variety of industrial and academic applications. This course is valuable for any student intending to pursue a career in a technical field. [Board Adopted 2016]
Duration: 1 Year
Graduation Code: MA, VE

[Underline = NCAA Approved Core Course]
[* = Weighted rank status]
MAT620  Honors Computer: Programming 5-6*  Credit: 1.0
This course is designed to continue to develop the student’s programming skills. Options could include extending the knowledge base of the language used in the previous course, or studying other languages. Emphasis will be placed on modular programming and participation in programming teams. Application programs will be written in the areas of mathematics, business, science, and economics. This course is valuable for any student intending to pursue a career in mathematics, science, engineering, business, or computer science. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2016]
Duration: 1 Year
Graduation Code: MA, VE

MAT640  AP Computer Science A*  Credit: 1.0
This college level course is designed to continue to develop the student’s programming skills in a high level language. Application programs will be written in the areas of mathematics, business, science, and economics. These programs will utilize advanced data structures including searches, sorts, arrays, and inheritance. This course is valuable for any student intending to pursue a career in mathematics, science, engineering, business, or computer science. In cooperation with Rio Salado Community College, the student may concurrently in the corresponding college course to receive college credit. The student may choose, upon completion of the course, the take the Computer Science A, Advanced Placement Exam. Upon completion of additional topics; linked lists, binary trees, stacks and queues, the student may choose to take the Computer Science AB Advanced Placement Exam. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2016]
Duration: 1 Year
Graduation Code: MA, VE

MAT900  Math Lab  Credit: 1.0
Math Lab is a support course designed to meet the needs of students whose mathematics achievement is below the proficient level. This course directly addresses students’ needs through the use of small group instruction, computer aided instruction, review of basic arithmetic and pre-algebra concepts and procedures, supplemental activities that reinforce concepts and objectives presented in the core mathematics course, and by providing time to work on homework in a structured setting under the supervision of a math teacher. The course is designed to supplement Algebra and Geometry. (May be repeated for credit) (Course is available only at Title I schools.) [Board Adopted 2004]
Duration: 1 Year
Graduation Code: EL

MAT910  Algebra Strategies  Credit: 1.0
Algebra Strategies is a support course designed to meet the needs of students whose mathematics achievement is below proficiency in the first three (3) years of math. This course will provide the needed support to be successful as they take Algebra. This course is designed to support and reinforce prerequisite and current content skills. Students will focus on building their Algebra and problem solving techniques. This course will focus on strengthening skills addressed in previous math courses while providing additional support with content covered in Algebra. [Board Adopted 2017]
Duration: 1 Year
Graduation Code: EL

Military Science

JROTC LEADERSHIP EDUCATION AND TRAINING PROGRAM

MIL100  JROTC 1-2  Credit: 1.0
The mission of the Army Junior ROTC program is to “motivate young people to be better Americans.” To accomplish this mission, the program of instruction (POI) discusses citizenship, leadership and a number of other courses designed to help cadets succeed in high school and after graduation. The POI is based on a systematic progression of learning that is designed for the cadets’ development at each grade level. The scope, focus and content of the instruction are sequential; it reflects and builds upon the previous years’ curriculum. The development of communication skills, the incorporation of historical perspectives, the requirement to participate in Cadet Challenge and the significance of drug awareness and prevention are emphasized in the POI, in addition to the emphasis placed on citizenship and leadership. [Board Adopted]
Duration: 1 Year
Graduation Code: EL

MIL110  JROTC 3-4  Credit: 1.0
Elective course similar in content to MS01 but advanced to a higher degree of leadership functions. [Board Adopted]
Duration: 1 Year
Graduation Code: EL

MIL120  JROTC 5-6  Credit: 1.0
Elective course similar in content to MS01 and MS02 but advanced to a higher degree of leadership functions. Cadets will take on leadership roles in the cadet battalion. [Board Adopted]
Duration: 1 Year
Graduation Code: EL

MIL130  JROTC 7-8  Credit: 1.0
Elective course with primary emphasis on the practical application of the cadet’s leadership duties and responsibilities within the cadet battalion. The MS04 course will be structured to allow cadets to perform their assigned command or staff duties, act as a class instructor for selected subjects such as leadership lab, and/or act as assistant class instructors for subjects such as first aid, map reading, etc. [Board Adopted]
Duration: 1 Year
Graduation Code: EL

[Underline = NCAA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[** = Requires student IEP to earn NCAA core rank]**
## Personal Development

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit:</th>
<th>Description</th>
<th>Duration:</th>
<th>Graduation Code:</th>
<th>Course Fee:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCS200</td>
<td>Life 101</td>
<td>1.0</td>
<td>Do you know where you are going? Do you know how you will get there? Are you a “people person”? Discover personal abilities and explore options in this introductory class to the Human Services Career Pathway. Uncover your hidden potential while learning to get along better with friends, family and co-workers. Learn to use time, money, and talents to get ahead. This class includes hands-on activities, group participation, team building, self-discovery, computer usage, and exploration of careers that are in high demand. Check it out! Prepare yourself for life. Students may experience applications supporting the Arizona Academic Math Standards. (Approval to allow schools the option to teach as one semester or full year credit). [Board Adopted 2000] [Board Revised 2016]</td>
<td>1 Year</td>
<td>EL</td>
<td>$20.00</td>
</tr>
<tr>
<td>FCS205</td>
<td>Life Choices</td>
<td>1.0</td>
<td>A combination of Health and Personal Awareness, this course is designed to give students an awareness of the importance of one’s health in improving the quality of life. It is also a course developed to help an individual discover self and develop healthy relationships. Course content includes choosing and financing health services; communicable diseases; chronic disorders; abuse of drugs, alcohol and tobacco; and other topics related to developing health-educated individuals. It also covers the principles of personality development, dealing constructively with emotions, interacting in a positive way with others, and identifying personal values and goals for sound decision-making. These principles are applied to real-life situations faced at home, at school and on the job. [Board Adopted]</td>
<td>1 Year</td>
<td>HE, PA</td>
<td>$30.00</td>
</tr>
<tr>
<td>PDV100</td>
<td>Advancement via Individual Determination (AVID)</td>
<td>1.0</td>
<td>AVID is a course dedicated to helping students achieve their goals of going to college. Students who are bright but might be underachieving, underserved in the college system, or first-generation college students should apply for admission to AVID. The AVID class provides support, academic monitoring, and tutoring. Writing, inquiry, collaboration and reading, along with tutorials and study skills, are the core strategies of the program. (May be repeated for credit) (Application required) [Board Adopted 2010]</td>
<td>1 Year</td>
<td>EL</td>
<td>$20.00</td>
</tr>
<tr>
<td>PDV200</td>
<td>Academic Lab</td>
<td>N/A</td>
<td>The Academic Lab course is a non-credit course designed to develop the appropriate academic skills of each student based on personal needs. The course content includes study and test-taking strategies as well as college and career readiness skills. (May be repeated as needed for no credit) [Board Adopted 2012]</td>
<td>1 Semester</td>
<td>EL</td>
<td>N/A</td>
</tr>
<tr>
<td>PDV300</td>
<td>Career Exploration</td>
<td>1.0</td>
<td>This program provides students an opportunity to earn elective credit while working in a paid position. There are no regular classes to attend, however, career activity assignments may be required to be completed in addition to working on the job. Students will be assigned a teacher coordinator and the employer must complete a satisfactory evaluation form. Students may earn 0.5 Credit for each 128 hours worked. Only one full credit may be earned in a single school year. No more than two such credits may be used to meet graduation requirements. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. [Board Adopted 1995]</td>
<td>1 Year</td>
<td>EL</td>
<td>N/A</td>
</tr>
<tr>
<td>PDV310</td>
<td>Jobs for Arizona’s Graduates</td>
<td>1.0</td>
<td>The Job for Arizona’s Graduates Program is a school to work program which gives participants intensive reinforcement and opportunity at both the school and job site to develop skills directly related to job readiness, job attainment and job survival. Additionally, the student has nine months of job placement assistance following graduation. (May be repeated for credit) [Board Adopted 1997] [Board Revised 2009]</td>
<td>1 Year</td>
<td>EL</td>
<td>N/A</td>
</tr>
</tbody>
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[Halics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
PDV320  College Prep Seminar  Credit: 0.5
This course provides intensive preparation for college readiness and admissions, including specific approaches for success on college entrance examinations. Topics addressed will include study skills and strategies in English, reading, mathematics and science reasoning. [Board Adopted 2019]
Duration: 1 Semester  Course Fee: $25.00
Graduation Code: EL

PDV400  Beyond the Limit 1-2  Credit: 1.0
Beyond the LIMIT, is a one-year elective class for freshmen and sophomores who score in the third and fourth quartile in any area on Achievement Test scores. This class is designed for the student who needs extra support to encourage school success. Some class time will be devoted to homework and tutoring with an emphasis on study skills. Other time will be spent on topics such as self-concept, positive interaction with others, mental health, goal setting, decision making, career interests, and school to work transition. Added support through the Guidance Department will be available. The purpose of Beyond the LIMIT is to help ensure a student's academic success and prepare the student for the work force of 2000. [Board Adopted 1995]
Duration: 1 Year
Graduation Code: EL

PDV410  Beyond the Limit 3-4  Credit: 1.0
Beyond the Limit II is a one-year elective class for Non-Special Education sophomores and juniors who have successfully completed the basic Beyond the Limit class. These students have scored in the third and fourth quartile in any areas on Achievement tests (Iowa or Stanford 9). This class provides an additional year of academic and personal support to encourage and promote school success. All areas of the basic Beyond the Limit curriculum will be covered, but with greater depth and concentration. The daily class structure will remain the same (one-half of each class period is devoted to study skills and the other half is devoted to curriculum topics). Weekly support from the Guidance Office will also be continued. [Board Adopted 1997]
Duration: 1 Year
Graduation Code: EL

PDV600  Summer Bridge  Credit: 1.0
Summer Bridge will target our incoming freshmen in the core subjects of reading, writing, and math. The curricular focus will be aligned with the 8th and 9th grade Arizona State Standards and will incorporate organizational and study skills. This program is intended to familiarize the students with their future high school campus and to assist them with the transition between middle school and high school. Participation will depend on a recommendation from the 8th grade student's English or math teacher and/or counselor or administrator. This course is only available at Title I schools. [Board Adopted 2005]
Duration: 8 weeks
Graduation Code: EL

PDV700  Administrative Assistant  Credit: 0.5
This course is available to students who wish to work with individual staff members to support the educational process. This service-type credit allows students to develop valuable life skills. The maximum credit that may be earned for this course is 1.0. A "P" or "F" grade, only, will be given. This course is not used in GPA or Rank calculations. [Board Adopted]
Duration: 1 Semester
Graduation Code: EL

PDV800  Peer Helper/Volunteer Community Service  Credit: 1.0
This course is designed for students who want to become involved on a volunteer basis in their community. Students volunteer to help in such areas as peer tutoring, mentoring, and/or mediation at their schools or may volunteer at hospitals, city services, and other community organizations. Students spend a minimum of 120 hours in this effort and will be supervised by the community organization and the teacher-coordinator at the participating high school. Students learn many related skills including good human relations, service for others, dependability, and regular attendance. A "P" or "F" grade, only, will be given. (May be repeated for credit) [Board Adopted 1995] [Board Revised 2006]
Duration: 1 Year
Graduation Code: PA

PDV810  Student Government  Credit 1.0
This course is designed to teach students leadership skills that are essential to their future. The students will practice communication skills with peers, adults, businesses and the community at large. They will develop organization, management and decision making skills, and incorporate the setting of SMART goals. Through small group and hands on interactions, they will facilitate successful cooperative group dynamics, roles and conflict resolution strategies. The students will learn and implement proper parliamentary procedures are observed in federal and local governments. They will develop a working calendar of school events and community service projects, focusing on the improvement of campus life and the collaborative relationships with their teachers and administrators. The students will leave the Student Government course with the knowledge and practice necessary to become future leaders in their community. (May be repeated for credit) [Board Adopted 2016] [Board Revised 2017]
Duration: 1 Year
Graduation Code: EL

PDV820  Future Leaders in Training  Credit: 0.5
The semester course is designed to teach students leadership skills that are essential to their future regardless of career paths. The course will focus on skills necessary in the 21st century like critical thinking, problem solving, creative thinking, goal setting, teamwork, communication, as well as interpersonal skills, self-esteem, and motivation. The class will utilize interactive and engaging curriculum through small group work and hands-on experiences. [Board Adopted 2015]
Duration: 1 Semester
Graduation Code: EL

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## Physical Education

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credit</th>
<th>Description</th>
<th>Duration</th>
<th>Graduation Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED100</td>
<td>Physical Education 1-2</td>
<td>1.0</td>
<td>This course is designed to give freshman boys and girls a basic foundation in physical education by exposing them to a variety of dual and team sports, team play, strategy, sportsmanship and physical fitness. [Board Adopted 1998]</td>
<td>1 Year</td>
<td>PE</td>
</tr>
<tr>
<td>PED110</td>
<td>Physical Education 3-8</td>
<td>1.0</td>
<td>This course is designed to give sophomore, junior and senior boys and girls a basic foundation in physical education by exposing them to a variety of dual and team sports. A strong emphasis on lifetime sports and individual sports will be stressed in this class. Advanced techniques and strategies in team play will be stressed. (May be repeated for credit) [Board Adopted 1998]</td>
<td>1 Year</td>
<td>PE</td>
</tr>
<tr>
<td>PED115</td>
<td>Fitness</td>
<td>0.5</td>
<td>This course is designed for sophomores, juniors, and seniors who have their P.E. credit and want to continue a healthy, fitness lifestyle. A variety of activities such as: Zumba, T a b a t a, Kickboxing, Functional Fitness and other popular fitness techniques will be the format of this course experience. Emphasis on building strength, muscle and endurance. [Board Adopted 2005] [Board Revised 2015]</td>
<td>1 Semester</td>
<td>EL</td>
</tr>
<tr>
<td>PED117</td>
<td>Lifetime Personal Fitness and Wellness</td>
<td>0.5</td>
<td>The purpose of this course is to promote the development and maintenance of personal fitness. It is conceptually based and focuses on healthy living and lifestyle choices, with particular emphasis on the role of exercise and physical activity including nontraditional and noncompetitive activities. Course content includes fitness assessment, regular physical activity, laboratory sessions based on fitness concepts and lectures based on the value and benefits of exercise in daily living. In addition to setting and working toward personal fitness goals, students have opportunities to practice positive social skills as they gain an understanding of how well lifestyle affects the quality of life. [Board Adopted 2017]</td>
<td>1 Semester</td>
<td>EL</td>
</tr>
<tr>
<td>PED120</td>
<td>Sports Strength &amp; Performance</td>
<td>1.0</td>
<td>This course is designed to meet the needs of the highly skilled student. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2017]</td>
<td>1 Year</td>
<td>PE</td>
</tr>
<tr>
<td>PED125</td>
<td>Honors Advanced Physical Education*</td>
<td>1.0</td>
<td>This course is designed to give the gifted and talented athlete in-depth experience in performance and fitness training methodologies and techniques. Students taking this course will be expected to possess and demonstrate a high degree of personal initiative, independent research skills, the ability to synthesize information and desire to work cooperatively with instructor both in question and answer sessions with cumulative review. [Board Adopted 2016]</td>
<td>1 Year</td>
<td>PE</td>
</tr>
<tr>
<td>PED130</td>
<td>Net Games and Racquet Sports</td>
<td>1.0</td>
<td>This course offers the following sports: Tennis, Badminton, Racquetball, Volleyball, Table Tennis and Handball, Sportsmanship, advanced techniques and strategies will be covered. [Board Adopted 1998]</td>
<td>1 Year</td>
<td>EL</td>
</tr>
<tr>
<td>PED140</td>
<td>Adaptive Physical Education</td>
<td>1.0</td>
<td>Students who cannot be in a regular physical education class due to a disability will be scheduled into adaptive physical education. Students in adaptive physical education will have individual programs developed for their particular needs. Students who have a temporary disability will be scheduled into adaptive PE during their disability. (May be repeated for credit) [Board Adopted 1998]</td>
<td>1 Year</td>
<td>PE</td>
</tr>
<tr>
<td>PED150</td>
<td>Weight Training 1-2</td>
<td>1.0</td>
<td>This course introduces the students to all types of resistance training. It consists of weight training three-five days per week, with an emphasis in body building strength development and power lifting. Also, a basic foundation of physical fitness will be given. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2019]</td>
<td>1 Year</td>
<td>PE</td>
</tr>
</tbody>
</table>

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PED160  Weight Training 3-4  Credit: 1.0
This course will allow students to continue their study of weight training. Students will perform resistant weight training on a regular basis. Activities will include both aerobic and anaerobic exercise. Students will be required to demonstrate cognitive knowledge of strength and conditioning through written reports and projects. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2019]
Duration: 1 Year
Graduation Code: PE

PED200  Beginning Dance  Credit: 1.0
Dance is a contemporary art form concerned with the communication of ideas or feelings through movement. This class is designed to introduce the basic fundamentals of dance technique, strength, flexibility, coordination, and endurance. Units include the following dance styles: jazz, hip-hop, ballet, modern, and tap. Other units may include improvisation, choreography and dance history. A basic foundation of physical fitness will be given. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2019]
Duration: 1 Year
Graduation Code: PE

PED210  Intermediate Dance  Credit: 1.0
This course will build on the elements presented in Beginning Dance with emphasis on self-discipline and concentration skills. Additional areas of study include music for dance, production, performance and audition techniques. (May be repeated for credit) [Board Adopted 1998]
Duration: 1 Year
Graduation Code: PE

PED220  Advanced Dance  Credit: 1.0
This course will build on the elements presented in intermediate dance with emphasis on advanced dance techniques, body awareness, choreography and performance. Student will increase self-awareness, responsibility and confidence. PE or FA credit dependent upon teacher certification. Audition is required. (May be repeated for credit) [Board Adopted 1998]
Duration: 1 Year
Graduation Code: PE

PED230  Dance Performance  Credit: 1.0
Dance Performance gives the advanced dance student the opportunity to integrate prior knowledge within the various aspects of concert work. This class includes choreography, rehearsals, technical theatre skills, publicity, committee work and concert performance. The class presents performances several times during the year. PE or FA credit dependent upon teacher certification. Audition is required. (May be repeated for credit) [Board Adopted 1998]
Duration: 1 Year
Graduation Code: PE

PED400  Yoga and Fitness  Credit: 1.0
This class will present techniques in yoga. Yoga means union, and refers to the union of the body, mind, and breath. It is a system of self-care that was developed in India and is practiced all over the world. Yoga develops core strength and helps to develop lung capacity through careful breathing. The emphasis in this class will be asana practice which refers to poses and postures designed to develop flexibility, muscular strength, and muscular endurance. Emphasis will be placed on correct alignment and safe practice. Yoga students will learn concepts of physical fitness identify stress reduction techniques, gain an increased ability to concentrate, and develop a Personal Fitness Plan to support a lifetime of fitness. [Board Adopted 2010] [Board Revised 2013]
Duration: 1 Year
Graduation Code: PE

PED410  Advanced Yoga and Fitness  Credit: 1.0
Advanced Yoga and Fitness is designed to support those who wish to deepen their personal connection while mastering the principles and practice of yoga. Blending the highest intentions of Eastern and Western philosophy and practice, this class builds on Yoga and Fitness by guiding students through a deep exploration of the roots, practice, and development of yoga as a path to optimal health (mind, body [cardio-respiratory endurance, muscular strength, muscular endurance, flexibility, body composition], and breath). Advanced poses will be taught and practiced. Prerequisite: Yoga and Fitness. (May be repeated for credit) [Board Adopted 2013]
Duration: 1 Year
Graduation Code: PE

Drivers Education

PED600  Drivers Education  Credit 0.5
This course consists of 18 weeks of class work designed to teach the rules of the road and safe driving techniques. Driver simulators - an educational program for the development of proper perceptual and judgmental proficiencies - are used. Upon completion of the bookwork, a student will be eligible to take the “behind-the-wheel” training. [Board Adopted 1998]
Duration: 1 Semester
Graduation Code: EL

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[Italics underline = Requires student IEP to earn NCAA core rank] [*
* = Weighted rank status]
Health

PED325 Care and Prevention of Injuries Credit: 0.5
Care and Prevention of Injuries is available to all students with a desire to learn about injuries. It is designed to introduce the student to sports medicine. Topics include anatomy, kinesiology, prevention of injuries, recognition of injuries, classification of injuries, injury management and first aid. In addition, each student will be required to spend a minimum of ten hours per nine-week session after school in the athletic training room providing service to the various sports teams. Students will also be required to attend at least one, if not more, competitive event of their choice per nine-week grading period. [Board Adopted 1998]
Duration: 1 Semester
Graduation Code: HE

PED500 Health Education Credit: 0.5
Health Education is designed to give students an awareness of the importance of one’s health in improving the quality of life. Course content includes choosing and financing health services; communicable diseases; chronic disorders; abuse of drugs, alcohol, and tobacco; and other topics related to developing health-educated individuals. Ten (10) hours of community service is a requirement of this course. [Board Adopted 1998] [Board Revised 2006]
Duration: 1 Semester
Graduation Code: HE

PED510 Healthful Living Credit: 1.0
This course is a comprehensive full year health class designed to provide knowledge, heighten awareness, improve attitudes, and cultivate proactive behaviors in an effort to improve the health and happiness of the individual, family, and community. Treated as a multi-dimensional entity, the entire being is challenged with exploration and growth, as well as re-evaluation and reconstruction of personal values. Treating health education as both a process and a product, students will improve individual wellness and the accompanying enhancement of societal wellness. [Board Adopted 2004]
Duration: 1 Year
Graduation Code: HE

Science

SCI100 Integrated Science Credit: 1.0
Integrated Science is a physical laboratory science course that focuses on the topics of the Scientific Process, Physics, Chemistry and Earth Science through the use of inquiry and mathematics. Students will obtain, evaluate, and communicate scientific information. This year-long course will allow students to read scientific texts, use mathematical practices, conduct numerous hands-on laboratory investigations, collect and interpret data and communicate their scientific knowledge through writing and speaking. This course will lay a solid foundation for students to pursue multiple avenues of science in high school and beyond. [Board Adopted 1999] [Board Revised 2018]
Duration: 1 Year
Graduation Code: PS

SCI110 Honors Integrated Science* Credit: 1.0
Students in Honors Integrated Science will utilize an inquiry approach to focus on the skills of planning and conducting investigations; analyzing and interpreting data; and obtaining, evaluating, and communicating science information. This year long physical laboratory science course will allow students to read and interpret scientific texts, conduct numerous hands-on data collection laboratory activities, use mathematical practices, and communicate their scientific knowledge through writing and speaking. The Honors Integrated Science course focuses on the science content topics of the Scientific Process, Physics, Chemistry and Earth Science. The honors curriculum further extends student thinking, covers the concepts in greater detail and depth, and includes more complex analysis and skills. [Board Adopted 1999] [Board Revised 2018]
Duration: 1 Year
Graduation Code: PS

MAT140 Integrated Algebra & Chem-Physics Credit: 2.0
This course provides an alternative to all students who will concurrently take Algebra 1-2 and Chem-Physics Foundations. The course will integrate those two courses, providing a means for students to be exposed to the concepts of Algebra 1-2 within the context of Chem-Phys. Technology will also be integrated as students apply the fundamentals of mathematics in a scientific setting. All concepts of both courses will be taught and students who successfully complete this course will be credited for both a math course and a physical science course. [Board Adopted 2008]
Duration: 1 Year
Graduation Code: PS, MA

SCI200 Biology 1-2 Credit: 1.0
This course is designed for sophomore level students and carries laboratory credit. Topics include genetics, ecology, evolution, human biology, plant and animal kingdoms, and microbiology or physics. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: LS

SCI205 Honors Biology 1-2* Credit: 1.0
This course is designed as an exploratory biology course with the express purpose of exposing outstanding students to scientific concepts and principles in the area of living organisms. This course carries a lab science credit. An in-depth study of traditional biology topics will be supplemented with research projects and open-ended labs. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: LS

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SCI210  Biology 3-4  Credit: 1.0
This course is a second year course and is designed for those students who are interested in the area of biology and who want to pursue topics in greater depth than possible in first year biology. Topics to be investigated include plant, animal and human anatomy and physiology; microbiology; cellular biology; genetics; and ecology. This course meets the laboratory requirement for graduation from high school and for University entrance. [Board Adopted] [Board Revised 1999]
Duration: 1 Year
Graduation Code: LS

SCI220  Honors Advanced Biology 3-4*  Credit: 1.0
This course is designed for outstanding students who wish to continue their studies in the area of biology. Topics to be investigated include wilderness survival, independent field research, ecology at local, regional and global levels, oceanography, human anatomy and physiology, and biomedical techniques. This course meets the laboratory requirement for graduation. Research projects, fieldwork, guest speakers, and dissection will be an integral part of this course. [Board Adopted 1994]
Duration: 1 Year
Graduation Code: LS

SCI230  AP Biology*  Credit: 1.0
Advanced Placement Biology is a Second-year biology course designed for qualifying students that intend to take the AP Biology test. The major areas of emphasis are molecular and cellular biology, organism biology, and population biology. [Board Adopted] [Board Revised 2006]
Duration: 1 Year
Graduation Code: LS

SCI250  Biotechnology 1-2  Credit: 1.0
This course is designed to provide students with the knowledge and understanding of biotechnology, as well as its uses and influence in society. The course will examine the information, the application, and the ethics of a number of technologies. These may include cellular (cloning, stem cells, antibodies), genetic (gene splicing, genomics, electrophoresis), environmental (remote sensing, biohazard remediation), and agricultural topics. It should also prepare students for pursuit of lab technician training or higher educational opportunities in this field. [Board Adopted 1994] [Board Revised 2007] [Board Revised 2008] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Course Fee: $50.00
Graduation Code: LS, VE

SCI255  Honors Biotechnology 1-2*  Credit: 1.0
This course is designed to provide students with the knowledge and understanding of biotechnology, as well as its uses and influence in society. The course will examine the information, the application, and the ethics of a number of technologies. These may include cellular (cloning, stem cells, antibodies), genetic (gene splicing, genomics, electrophoresis), environmental (remote sensing, biohazard remediation), and agricultural topics. It should also prepare students for pursuit of lab technician training or higher educational opportunities in this field. Independent lab work and research will be an important component of this course. As part of the classroom instruction, hands-on instruction, career based experience, and leadership development. Students will also be provided with the opportunity to join HOSA, the career and technical student organization for Bioscience. [Board Adopted 2016] [Board Revised 2017]
Duration: 1 Year
Course Fee: $50.00
Graduation Code: LS, VE

SCI260  Biotechnology 3-4  Credit: 1.0
This course applies the concepts of molecular and cellular biology (of bacteria, animals, and plants) to real-world problems, and builds upon the concepts learned in Biotechnology 1-2. Students will learn methods of culturing microorganisms, recombinant DNA technology, and genetic analysis. Students will learn how to use the basic equipment found in a typical molecular and cellular biology laboratory, as well as bacteriological technique. [Board Adopted 2008] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Course Fee: $50.00
Graduation Code: LS, VE

SCI265  Honors Biotechnology 3-4*  Credit: 1.0
This course applies the concepts of molecular and cellular biology (of bacteria, animals, and plants) to real-world problems, and builds upon the concepts learned in Biotechnology 1-2. Students will learn theory and methods of culturing microorganisms, recombinant DNA technology, and genetic analysis. Students will learn how to use and maintain the basic equipment found in a typical molecular and cellular biology laboratory, as well as bacteriological technique. Independent lab work and research will be an important component of this course. [Board Adopted 2008] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Course Fee: $50.00
Graduation Code: LS, VE

SCI300  Chemistry 1-2  Credit: 1.0
Chemistry is the study of the structure and composition of matter that make up living things and their environment. Chemistry also deals with the study of the changes of matter and the mechanisms by which changes occur. This course is recommended for college-bound students. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: PS

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**SCI310 Honors Chemistry**  Credit: 1.0
Honors Chemistry is a lab-oriented course that covers the same topics as Chemistry 1-2. Emphasis is placed on a more in-depth study of chemical topics and involves a more rigorous and mathematically oriented study than Chemistry 1-2. Opportunities for individualization and creative expression will be provided. [Board Adopted 1999]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI330 Organic Chemistry I: Lecture and Lab**  Credit: 1.0
This course provides a rigorous introduction to chemistry of carbon-containing compounds. Reaction mechanisms and recent methods of synthesis are emphasized, including laboratory experience in support of the course. [Board Adopted 2011]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI340 AP Chemistry**  Credit: 1.0
Advanced Placement Chemistry is for students desiring a second year in Chemistry and who are interested in a more in-depth study of chemistry than can be offered in a one-year course. The course is equivalent to the general chemistry course taken during the first college year with emphasis placed on mathematical solutions to chemical problems. The course is laboratory-oriented with both qualitative and quantitative analysis playing a large part in the laboratory sequence. Students are encouraged to take the Advanced Placement Chemistry Examination near the end of the second semester with the possibility of receiving college credits. [Board Adopted]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI350 Forensic Science**  Credit: 1.0
The forensic science course will explore the history of forensic science, methods of investigating a crime scene, types of evidence, analysis of fingerprints, hair, fibers, drugs, glass, soil, and blood. Major themes of study in this course are pathology, anthropology, ballistics, trace evidence, biological fluids, DNA, fingerprints, impression evidence, human remains, and forensic document analysis. This course will rely heavily on laboratory techniques and virtual simulations. [Board Adopted 2010]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI400 Physics 1-2**  Credit: 1.0
This course is primarily designed for college-bound students and carries lab science credit. Areas to be investigated include measurement, mechanics, heat, wave motion, and electro-magnetism. This course is recommended for college-bound students. [Board Adopted]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI410 Honors Physics 1-2**  Credit: 1.0
A rigorous presentation of classical and modern physics covering topics such as kinematics, dynamics, electricity, optic, quantum theory, and relativity with emphasis on integration of algebra, geometry, and trigonometry. Individualized instruction through the use of research projects and computer experiences will be an integral part of this course. [Board Adopted]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI420 Honors Physics 3-4**  Credit: 1.0
This course is designed for outstanding students who desire to continue their studies in the area of physics. This will be a rigorous continuation of the Honors Physics course with more emphasis placed on electricity, optics, thermodynamics, and engineering applications. Students will utilize their knowledge of algebra, geometry, trigonometry, and calculus, along with computer applications, to develop, interpret and predict outcomes and behaviors of real-world physics applications. Research projects, guest speakers, and hands-on experiences will be an integral part of this course. [Board Adopted 1997]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI430 AP Physics 1**  Credit: 1.0
AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. [Board Adopted 2006] [Board Revised 2016]
*Duration: 1 Year*
*Graduation Code: PS*

**SCI440 AP Physics 2**  Credit: 1.0
AP Physics 2 course is an algebra based, introductory college-level physics course. Students cultivate their understanding through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic and nuclear physics. [Board Adopted 2016]
*Duration: 1 Year*
*Graduation Code: PS*

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[b]alicised underline = Requires student IEP to earn NCAA core rank] [ ]
[* = Weighted rank status]
### SCI450  AP Physics C*
Credit: 1.0
AP Physics C is a calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton’s laws of motion, work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. The course explores topics such as electrostatics; conductors, capacitors, dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. [Board Adopted 2016]
**Duration:** 1 Year  
**Graduation Code:** PS

### SCI500  Earth Science
Credit: 1.0
Earth Science is designed for those students who have taken Chem- Physics and Biology and wish to further their study of the physical sciences. Earth Science meets the laboratory science requirement for graduation and college entrance. The student will study astronomy, geology, meteorology and oceanography. [Board Adopted 1999]  
**Duration:** 1 Year  
**Graduation Code:** PS

### SCI505  Honors Earth Science*
Credit: 1.0
The Honors Earth Science course is for self-motivated, college bound students who would like to investigate and further learn about Earth Sciences. Students will investigate and examine the four major Earth spheres including the geosphere, biosphere, hydrosphere and the atmosphere. Students will explore how the content relates to present Environmental and societal issues and include an in depth examination and use of current technology and equipment relative to Earth Science research and observation. Students will research and explain the processes and changes of Earth occurring over time. Topics covered in this course are resources and the environment, plate tectonics, volcanoes, earthquakes, rocks and minerals, Earth’s history, oceans, weather and space. Prerequisite- B or higher in Chem/Physics Foundations. [Board Adopted 2016]  
**Duration:** 1 Year  
**Graduation Code:** PS

### SCI510  Practical Astronomy
Credit: 0.5
Practical Astronomy is a course in which students gain exposure and explore topics related to the universe. It is designed primarily for meeting the third year high school science graduation requirement and is not considered adequate for college entrance. It will be a hands on course which will give students experience in various topics related to the study of the universe. The prerequisite is Chem-Physics Foundations or Physical World. [Board Adopted 2010]  
**Duration:** 1 Semester  
**Graduation Code:** PS

### SCI512  Practical Geology
Credit: 0.5
Practical Geology is a course in which students gain exposure and explore topics related to the Earth. It is designed primarily for meeting the third year high school graduation requirements and is not considered adequate for college entrance. It will be a hands-on course which will give students experience in various topics related to the study of the Earth such as erosion, earth building, geology, and climates. (Prerequisites: Chem-Physics Foundations or Physical World) [Board Adopted 2010] [Board Revised 2011]
**Duration:** 1 Semester  
**Graduation Code:** PS

### SCI520  Sustainability 1-2
Credit: 1.0
This course serves as an introduction to the concept of sustainable communities from a multidisciplinary perspective. Students will investigate fundamental concepts of ecological economics, ecosystem health, and social ecology and learn multiple perspectives of sustainability that includes sustainability as an ethical concept. Students will gain a working knowledge of sustainability through readings and class discussion of theory and case studies on topics that include climate change, eco-efficiency, life cycle analysis, inequitable distribution of limited resources, and carbon trading. Students will conduct lab research that explores the various aspects of sustainability, such as energy use, industrial processes, waste generation and disposal, and the built environment. [Board Adopted 2010] [Board Revised 2016] [Board Revised 2018]  
**Duration:** 1 Year  
**Graduation Code:** LS

### SCI525  Sustainability 3-4
Credit: 1.0
This course prepares students to conduct research related to solutions for global sustainability. Students will take their knowledge of the interaction of industrial, social, and ecological systems to develop holistic thinking skills and innovative solutions to complex problems. Students will explore the systematic relationships involved with global energy production, distribution, and consumption and the intended impact on political, social, economic, and environmental goals. The class will introduce students to tools humans can use to attain sustainability such as policy, law, communication, marketing, research advocacy, and international treaties. Students will be involved in hands-on labs and fieldwork that analyzes alternative technologies of sustainable development. [Board Adopted 2010] [Board Revised 2018]  
**Duration:** 1 Year  
**Graduation Code:** LS

### SCI600  Human Anatomy and Physiology
Credit: 1.0
This course is designed for those students who have taken biology and who wish to further their study of biology. The student will study the structure and function of the various cells, tissues, and integrated systems of the body. The course is designed to lay the groundwork then move into various human systems. The microscope, skeleton, and preserved materials will be used extensively. [Board Adopted 2000]  
**Duration:** 1 Year  
**Graduation Code:** LS

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[italics underline] = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Description</th>
<th>Duration</th>
<th>Graduation Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCi605</td>
<td>Honors Human Anatomy and Physiology*</td>
<td>1.0</td>
<td>This course is designed for outstanding college-bound students who have taken biology and who wish to further their study of biology. The student will study the structure and function of the various cells, tissues and integrated systems of the body. The course is designed to lay the groundwork then move into various human systems. The microscope, skeleton, and preserved materials will be used extensively. [Board Adopted 2013]</td>
<td>1 Year</td>
<td>LS</td>
</tr>
<tr>
<td>SCi620</td>
<td>Exercise Physiology</td>
<td>1.0</td>
<td>Exercise physiology covers the complete breakdown of the human body as it pertains to exercise and body movement. The course covers lecture and labs in the field of respiration, circulation, digestion, muscular and skeletal movements, VO2 max exchange, muscular overload, body composition, and body recovery. An overview of human anatomy and physiology as well as movement biomechanics will be covered. Students must have successfully completed Biology 1-2 and Algebra 1-2. [Board Adopted 2000]</td>
<td>1 Year</td>
<td>LS</td>
</tr>
<tr>
<td>SCi625</td>
<td>Honors Exercise Physiology*</td>
<td>1.0</td>
<td>Students in this course will study the vitals of the human body, and additionally research the histology of all living tissue of the systems as kinetic testing of Vascular, Respiratory, Nervous, Skeletal, and Muscular systems of Kinematic movement are traced. Outside work is required and preparation is needed. Individualized study opportunities will allow each student to expand his/her talents in these fields. Homework is advanced with outside reading. [Board Adopted 2003]</td>
<td>1 Year</td>
<td>LS</td>
</tr>
<tr>
<td>SCi640</td>
<td>Practical Botany</td>
<td>0.5</td>
<td>Practical Botany is a course that will introduce students to the major concepts of Horticulture. It will be a hands-on laboratory course dealing with grafting, gardening, landscape design, desert botany, propagation, and ecology of agriculture. This course is designed to meet the third year science graduation requirement and is not considered adequate for college entrance. <em>(Prerequisite: Living World or Biology 1-2)</em> [Board Adopted 2010]</td>
<td>1 Semester</td>
<td>LS</td>
</tr>
<tr>
<td>SCi645</td>
<td>Practical Ecology</td>
<td>0.5</td>
<td>Practical Ecology is a curriculum that is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which we live. The curriculum focuses on concepts that are real life issues. It promotes awareness and understanding of practical everyday problems that affects everyone’s life. Practical ecology is designed primarily for meeting the third year high school laboratory science requirement for graduation and is not considered adequate for college entrance. <em>(Prerequisite: Living World or Biology 1-2)</em> [Board Adopted 2010]</td>
<td>1 Semester</td>
<td>LS</td>
</tr>
<tr>
<td>SCi650</td>
<td>Environmental Science*</td>
<td>1.0</td>
<td>This is an introductory course for students who wish to study topics relating to the environment, its resources, quality and ethical issues. Environmental science is the study of the natural sciences in an interdisciplinary context that always includes consideration of people and how they have influenced various systems around us. It includes many aspects of biology, earth and atmospheric sciences, fundamental principles of chemistry and physics, human population dynamics, and an appreciation for the Earth and its natural resources. It will include a lecture portion and both laboratory and field study. The College Board will offer an optional Advanced Placement Exam for college environmental science credit annually in May. <em>(Beginning with the class of 2010, this course will be weighted.)</em> [Board Adopted 1998] [Board Revised 2005]</td>
<td>1 Year</td>
<td>LS</td>
</tr>
<tr>
<td>SCi655</td>
<td>AP Environmental Science*</td>
<td>1.0</td>
<td>This is an introductory course for students who wish to study topics relating to the environment, its resources, quality and ethical issues. Environmental science is the study of the natural sciences in an interdisciplinary context that always includes consideration of people and how they have influenced various systems around us. It includes many aspects of biology, earth and atmospheric sciences, fundamental principles of chemistry and physics, human population dynamics, and an appreciation for the Earth and its natural resources. It will include a lecture portion and both laboratory and field study. The College Board will offer an optional Advanced Placement Exam for college environmental science credit annually in May. [Board Adopted 1998] [Board Revised 2005]</td>
<td>1 Year</td>
<td>LS</td>
</tr>
<tr>
<td>SCi665</td>
<td>Zoology/Botany</td>
<td>1.0</td>
<td>Zoology/Botany is a year-long study of the two main branches of life science: animals and plants. Content will include both a phylogenetic survey of major groups in these kingdoms and conceptual framework for how these diverse organisms meet the challenges of survival. Additionally, exploration of careers in related fields will be included. Virtual and real lab dissection will be mandatory, and some field experiences may be required. This course is not intended to prepare students for a college program of study. <em>(Prerequisite: Biology 1-2)</em> [Board Adopted 2010]</td>
<td>1 Year</td>
<td>LS</td>
</tr>
</tbody>
</table>

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*[italics underline] = Requires student IEP to earn NCAA core rank]*
SCI667  Honors Zoology/Botany*  Credit: 1.0
Honors Zoology/Botany is a year-long course based upon the fundamental principles of evolution. Various groups of animals (zoo-
logy) and plants (botany) will be used as case studies through which students can gain a better understanding of the mechanisms behind evolutionary change. This course will include dissections and some field experiences, along with a research project profiling the evolutionary history of one phyletic group of organisms. [Board Adopted 2017]
Duration: 1 Year
Graduation Code: LS

SCI670  Botany 1-2  Credit: 1.0
This course is for students interested in the practical application of plants. Emphasis is placed on greenhouse experiences and outdoor gardening. Topics include: propagation, houseplants, landscaping, pesticides, and plant anatomy and physiology. [Board Adopted] [Board Revised 2005] [Board Revised 2008] [Board Revised 2011]
Duration: 1 Year
Graduation Code: LS

SCI675  Honors Botany 1-2*  Credit: 1.0
Botany is the study of plants and their relationship to the environment. In this project-based, student centered course, students investigate and research the growth, reproduction, anatomy, morphology and physiology, biochemistry, taxonomy, genetics, evolution and ecology of plants. Students will also get hands-on experience with sustainability, horticulture, agriculture, landscape design and implementation, and explore career paths in botany related to these subjects. Laboratory and outdoor experiences and projects complement classroom activities. [Board Adopted 2016]
Duration: 1 Year
Graduation Code: LS

SCI680  Botany 3-4  Credit: 1.0
This course is for students interested in an advanced application in the practical application of plants. Emphasis is placed on greenhouse experiences and outdoor gardening. Project-based instruction includes enrichment activities in propagation, houseplants, landscaping, pesticides, and plant anatomy and physiology. [Board Adopted 2008] [Board Revised 2011]
Duration: 1 Year
Graduation Code: LS

Social Studies

SST100  World History/Geography  Credit: 1.0
This course is designed as a comprehensive study of world history topics. Students will use inquiry to explore a variety of people, events, and movements in world history. Students will analyze the impact of social, geographic, political, and economic influences on historical events. The course includes a balanced approach to the Eastern and Western Hemispheres including a study of the peoples of Africa, the Americas, Asia, and Europe. To allow for depth of content and connection to current issues and events, the course begins in the 15th century and ends with contemporary global issues. [Board Adopted] [Board Revised 2009] [Board Revised 2019]
Duration: 1 Year
Graduation Code: HG

SST105  Honors World History/Geography*  Credit: 1.0
This course is designed for those students who meet the general criteria for honors classes established by the district. The course will place an emphasis on history, the themes of geography, cultural, political and economic development of people. The student will do individual research using primary and secondary sources, develop writing skills, develop critical thinking skills and analyze the writings of historians. [Board Adopted 1994]
Duration: 1 Year
Graduation Code: HG

SST110  World Geography †  Credit: 1.0
World Geography is an elective course, which encompasses both the physical and cultural aspects of the discipline. Early emphasis is placed on the development and appreciation of physical geographic knowledge including meteorology, geomorphology and cartography. These skills having been mastered, a cultural approach to the world’s various ethnic regions is addressed during the remainder of the year. Elements including political ideologies, religious beliefs, and unique cultural practices, as well as current situations of the world’s major ethnic regions, are discussed. [Board Adopted]
†This course, when taken with SST120 World History satisfies the graduation requirement for World History Geography.
Duration: 1 Year
Graduation Code: HG

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[Italic underline = Requires student IEP to earn NCAA core rank]
SST115  **Honors World Geography**†  
Credit: 1.0  
Honors World Geography is a one-year course that, when coupled with Honors World History meets and exceeds current district social studies requirements at the freshman/sophomore level. It is designed for those students who meet the general criteria for honors level classes established by the district. Curriculum includes both the physical and cultural branches of geography. Physical geography is explored first, including cartography, plate tectonics, and climatology. Mastery of these skills having been attained, a cultural approach to the world’s major ethnic regions are also explored at length. Geographic technology will be used to analyze research and investigate all aspects of the discipline. [Board Adopted 2002]  
†This course, when taken with SST125 Honors World History or SST120 World History satisfies the graduation requirement for World History Geography.  
**Duration:** 1 Year  
**Graduation Code:** HG

SST120  **World History †**  
Credit: 1.0  
World History is an elective course that focuses on social, political and economic development of civilizations from the earliest societies up to the present. [Board Adopted]  
†This course, when taken with SST110 World Geography satisfies the graduation requirement for World History Geography.  
**Duration:** 1 Year  
**Graduation Code:** HG

SST125  **Honors World History**†  
Credit: 1.0  
Honors World History is a one-year elective course that, when coupled with Honors World Geography, meets and exceeds current district social studies requirements at the freshman/sophomore level. It is designed for those students who meet the general criteria for honors level classes established by the social studies department. The curriculum of the course places an emphasis on the political, cultural, geographical and economic aspects of civilizations from the earliest societies up to the present. Historical knowledge will be used to draw inferences in an attempt to hypothesize where current events will lead. Geographic and historical technology will be used to analyze, research, and investigate all aspects of the discipline. Using primary and secondary sources, individual research will be employed to develop writing and oral skills. [Board Adopted 2002]  
†This course, when taken with SST110 World Geography or SST115 Honors World Geography satisfies the graduation requirement for World History Geography.  
**Duration:** 1 Year  
**Graduation Code:** HG

SST140  **AP World History: Modern***  
Credit: 1.0  
This Advanced Placement course is designed to be the equivalent of a two semester introductory college or university world history course. Students will use inquiry to study the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. Students will analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. The course provides relevant themes that students explore throughout the course in order to make connections among historical developments in different times and places. Students who complete this course are encouraged to take the Advanced Placement Exam. [Board Adopted 2002] [Board Revised 2019]  
**Duration:** 1 Year  
**Graduation Code:** HG

SST190  **Introductory World History/Geography**  
Credit: 1.0  
This is a parallel course to standard requirements, yet designed to provide an alternative for students who have learning and reading disabilities that might impair their progress in a regular World History/Geography class. [Board Adopted]  
**Duration:** 1 Year  
**Graduation Code:** HG

SST200  **American/Arizona History**  
Credit: 1.0  
This course is designed as a comprehensive study of United States history. Students will use inquiry to explore a variety of peoples, events, and movements in United States history. Students will analyze the evolution of American democratic principles, changes in society, economic and geographical development, and the emergence of the United States as a global power. To allow for depth of content and connection to current issues and events, the course will begin with the American Revolution and end with contemporary United States. Special attention should be paid to how Arizona and its diverse cultures and individuals have contributed to United States history. [Board Adopted] [Board Revised 2019]  
**Duration:** 1 Year  
**Graduation Code:** AA

SST210  **Honors American/Arizona History**†  
Credit: 1.0  
Students in Honors American History are given an opportunity to:  
1.) Gain a basic knowledge of events and facts of National and State History from earliest cultures to the present,  
2.) Participate in a high level of discussion and debate regarding important issues in American History,  
3.) Become familiar with the literature of American History  
4.) Develop social studies skills such as map and graph interpretation,  
5.) Develop skills in interpreting and analyzing documents of both primary and secondary materials or sources,  
6.) Develop historical writing skills. [Board Adopted]  
**Duration:** 1 Year  
**Graduation Code:** AA

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[Halics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
SST220 **AP U.S. History*** Credit: 1.0
This Advanced Placement course is designed to be the equivalent of a two semester introductory college or university U.S. history course. Students will use inquiry to study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. Students will analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. The course provides relevant themes that students explore to engage in a thorough study, analysis and evaluation of the chronology, context and interpretation of United States history. Students who complete this course are encouraged to take the Advanced Placement Exam. [Board Adopted 1995] [Board Revised 2019]
*Duration: 1 Year*
*Graduation Code: AA*

SST250 **American Studies** Credit: 2.0
American Studies provides an integrated studies approach to American History and Junior English. A two-hour block, the course combines the chronological approach to American History with the literary, dramatic, and oral selections representative of the American experience. Students should expect an in-depth study of American cultural and should be capable of performing in peer groups on extensive projects. Critical thinking skills will be utilized to challenge student perceptions, and assessments will occur through oral presentations and a variety of written work in addition to traditional tests. This course addresses the requirements for both American history and junior English. Students will receive one grade from the combined course. [Board Adopted 1998]
*Duration: 1 Year*
*Graduation Code: AA, EJ*

SST260 **Honors American Studies*** Credit: 2.0
Honors American Studies uses the same chronological and integrated studies approach to American History and Junior English found in American Studies. This two-hour block course is focused on challenging the students to improve their writing by using an in-depth examination of American history and continually making connections and/or analyzing the role of said history in our country today. Students should expect numerous opportunities to write or analyze the literary, dramatic, and oral selections representative of the varied cultures found in the American experience. Students will be expected to complete extensive projects, which will showcase their ability to perform in peer groups, all the while being pushed to go above and beyond regular requirements. Assessments will occur through oral presentations and a variety of written work in addition to traditional tests. This course is designed to push the analytical and writing skills of the students to a new level, while continually highlighting the valuable connections between literature and history. This course addresses the requirements of Honors Junior English and Honors American History. Students will receive one grade for the combined course. [Board Adopted 2003]
*Duration: 1 Year*
*Graduation Code: AA, EJ*

SST290 **Introductory American/Arizona History** Credit: 1.0
This is a parallel course to standard requirements, yet designed to provide an alternative for students who have learning and reading disabilities that might impair their progress in a regular history class. A variety of teaching strategies (role playing, small groups, simulation) will be used to develop an understanding of the cultural, political, and economic growth of the Nation and States. [Board Adopted]
*Duration: 1 Year*
*Graduation Code: AA*

SST300 **U.S./Arizona Government** Credit: 0.5
This course is designed for students to explore the roles and responsibilities of citizenship. In order to become engaged citizens, students will use inquiry to explore a knowledge of history, principles, and foundations of our republic. Students will analyze the foundations of government, structures and function of government, institutions of national government, law making processes, media, interest groups, political parties, media literacy, citizenship, civil liberties, and civil rights. [Board Adopted] [Board Revised 2019]
*Duration: 1 Semester*
*Graduation Code: GV*

SST310 **Honors U.S./Arizona Government*** Credit: 0.5
Honors American Government is a one-semester credit class designed for those students who meet the general criteria for the gifted and the requirements established by the Social Studies Department. Successful completion of this class will satisfy the state mandated government requirement. The course is designed to provide the student with a basic knowledge of the purpose, structure and operation of the national and state governmental systems. Emphasis will be placed on individual research, group activities, and simulation activities. In addition, there will be considerable out-of-class work. [Board Adopted]
*Duration: 1 Semester*
*Graduation Code: GV*

SST319 **Introductory U.S./Arizona Government** Credit: 0.5
This is a parallel course to standard requirements, yet designed to provide an alternative for students who have learning and reading disabilities that might impair their progress in a regular government class. [Board Adopted]
*Duration: 1 Semester*
*Graduation Code: GV*

SST320 **AP U.S. Government and Politics*** Credit: 0.5
This Advanced Placement course is designed to be the equivalent of one semester introductory college course in U.S. government. Students will use inquiry to study the key concepts and institutions of the political system and culture of the United States. Students will read, analyze, and discuss the U.S. Constitution, other foundational documents, and Supreme Court cases as well as complete a research or applied civics project. The course utilizes the concepts of leadership, decision-making, institutions, citizenship and ideologies to describe and analyze the function and operation of federal and state government. Students who complete this course are encouraged to take the Advanced Placement Exam. [Board Adopted 1996] [Board Revised 2019]
*Duration: 1 Semester*
*Graduation Code: GV*

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*[italics underline = Requires student IEP to earn NCAA core rank]*
*[* = Weighted rank status]*
SST350  Economics  Credit: 0.5
This course is designed for students to explore economic decision making. Students will use inquiry to explore how people, institutions, and societies choose to use resources to meet their wants and needs. Students will analyze the economic reasoning process to make informed decisions in a wide variety of contexts including personal finance, economic systems, exchange and markets, the national economy and the global economy. The basis of the course is financial literacy and personal financial management. [Board Approved] [Board Revised 1996] [Board Revised 2010] [Board Revised 2019]
Duration: 1 Semester
Graduation Code: FE

SST360  Honors Economics*  Credit: 0.5
Honors Economics is a course designed to study the American economic system. The reading level will be significantly higher than that of the regular Economics classes. In addition, it is expected that honors students will read a considerable amount of outside related materials. Teaching methods will vary according to topic, but more seminar type discussion and independent study will be utilized than in regular Economics. [Board Approved]
[Board Revised 1996]
Duration: 1 Semester
Graduation Code: FE

SST370  AP Micro/Macro Economics*  Credit: 0.5
This Advanced Placement Micro/Macroeconomics course is designed to be the equivalent of one semester introductory college course in micro/macroeconomics. Students will use inquiry to explore the principles of economics that apply to an economic system. Students will use graphs, charts, and data to analyze, describe, and explain economic concepts. Students who complete this course are encouraged to take the Advanced Placement Exam in either microeconomics or macroeconomics. This course includes financial literacy and personal financial management. [Board Approved 1996] [Board Revised 2019]
Duration: 1 Semester
Graduation Code: FE

SST379  Introductory Economics  Credit: 0.5
This is a parallel course to standard requirements, yet designed to provide an alternative for students who have learning and reading disabilities that might impair their progress in a regular Economics class. [Board Approved] [Board Revised 1996]
Duration: 1 Semester
Graduation Code: FE

SST400  Anthropology/Archaeology  Credit: 0.5
This course is designed to give students a broad understanding of all areas of anthropology with major emphasis on the physical and cultural aspects. Physical anthropology deals with the study of human physical characteristics from prehistoric times to the present, while cultural anthropology covers the study of the pattern of human behavior in social organizations. [Board Approved]
Duration: 1 Semester
Graduation Code: EL

SST410  African American History  Credit: 0.5
The African American History elective course examines the lives, struggles and achievements of people of African descent throughout American History. The semester course covers the time frame from the Middle Passage to slavery through the civil rights movement of the 60’s to the present. [Board Approved 2002]
Duration: 1 Semester
Graduation Code: EL

SST420  World Religions  Credit: 0.5
World Religions is an overview of the development of religions from tribal cultures to present day societies. This course provides the student with a general knowledge of the major religions that exist in the world today as well as an understanding of their origins, development, and adaptation to present day social and political situations. In addition to these major religions, this course will provide an insight into past religions and spiritual thinking and analyze how they influenced historical events and religious thoughts that persist to this day. [Board Approved 2006]
Duration: 1 Semester
Graduation Code: EL

SST430  Yaqui Culture, History and Language  Credit: 1.0
A two semester elective which studies the culture, history and language of the Yaqui Indians, especially as it pertains to the history and settlement of Arizona and of the Phoenix area. [Board Approved 1999]
Duration: 1 Year
Graduation Code: EL

SST500  AP Human Geography*  Credit: 1.0
The purpose of the Advanced Placement course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. [Board Approved 2000]
Duration: 1 Year
Graduation Code: EL

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SST10  **AP European History**  
Credit: 1.0
AP European History course is a college level survey course in modern European history. Students acquire knowledge of the basic events and movements that occurred in Europe during the period of 1450 to the present. These events and themes are uncovered through the study of intellectual and cultural history, political and diplomatic history, and social and economic history. Students will utilize historical documents and strengthen their expression of historical understanding through writing. AP European History offers ambitious students the opportunity to immerse themselves in the events and ideas that have helped to shape our culture. [Board Adopted 2005]
*Duration: 1 Year*
*Graduation Code: EL*

SST05  **Criminal Justice 1-2**  
Credit: 1.0
Criminal Justice 1-2 is the first year course in the Law, Public Safety, and Security career and technical education program. This course is designed to provide the student with a basic understanding of the concepts, processes and institutions of the Criminal Justice system. The student will develop an understanding and appreciation of how laws work to meet human problems; and how the components and procedures are followed in the administration of law enforcement, adjudication, and post-conviction processes and strategies in American society. This course will include such topics as the juvenile justice system, the roles of courts, attorneys, judges, agencies, law enforcement, and corrections; as well as the background and careers of the criminal justice system. [Board Adopted] [Board Revised 2016] [Board Revised 2018]
*Duration: 1 Year*
*Graduation Code: VE. EL*

SST15  **Criminal Justice 3-4**  
Credit: 1.0
Criminal Justice 3-4 is for students who have completed Criminal Justice 1 and 2 who want to explore more in-depth aspects of the criminal justice system. Topics include: investigative procedures, technological advancements in policing and forensic science, careers in criminal justice, and the roles and responsibilities of federal and local agencies such as TSA, Border Patrol, FBI, CIA, K9 Unit, Computer Forensics as well as court personnel including judges, prosecutors, public defenders, clerks, bailiffs, and victim advocates. Students will be given the opportunity to examine how crime scenes are investigated, DNA evidence is collected and processed, and police interviews and interrogations are conducted. As part of the coherent sequence for Law and Public Safety students will also engage with the four pillars of an effective CTE program: classroom instruction, hands-on instruction, career based experience, and leadership development. Students will also be provided with the opportunity to join SkillsUSA, the career and technical student organizations for Law and Public Safety. [Board Adopted 2016]
*Duration: 1 Year*
*Graduation Code: VE, EL*

SST20  **Psychology**  
Credit: 0.5
This course focuses on the study of human behavior. As an introduction to the field of psychology, this course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications. Special topics include personality development, problem solving, group dynamics, and motivation. [Board Adopted 2002] [Board Revised 2017]
*Duration: 1 Semester*
*Graduation Code: EL*

SST25  **AP Psychology**  
Credit: 1.0
Psychology is the science of behavior. The purpose of the Advanced Placement Psychology course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. [Board Adopted 2002]
*Duration: 1 Year*
*Graduation Code: EL*

SST30  **Sociology**  
Credit: 0.5
Sociology is an elective course designed to familiarize students with various cultures and the problems resulting from people living in groups. This course covers such topics as culture, sub-cultures, social institutions, collective behavior, social change, social deviation, the family, religion, racial and ethnic minorities, poverty, and crime. The latter portion of this course deals specifically with the pressing problems of our society, their causes, and possible solutions. [Board Adopted] [Board Revised 2001] [Board Revised 2017]
*Duration: 1 Semester*
*Graduation Code: EL*

SST35  **Sociology II – Culture in America**  
Credit: 0.5
Sociology II – Culture in America is designed to allow students to examine and delve into three aspects of society. First, students will explore current culture in terms of values and meanings that form American pluralism; exploring taste, consumption, art, moral conflict, religion and secularism, identity, community and ideology. Examples include individualism, liberalism, conservatism, the food revolution, struggles in and the changing family, multiculturalism, assimilation and immigration. The second aspect of society, modern social problems, will address race relations, poverty, unemployment, and other current issues with sociological analysis of stigmatized behaviors and conditions, including the causes, effects, and management of stigma. The third component of the course will examine sport in American society as a source of socialization and an institution where gender, race/ethnicity, and class interact. [Board Adopted 2015] [Board Revised 2017]
*Duration: 1 Semester*
*Graduation Code: EL*

[Underline = NCA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]

[Bulics underline = Requires student IEP to earn NCA core rank]

* = Weighted rank status*
SST750  Current Issues  Credit: 0.5
Current Issues is a one-semester Social Studies elective course that examines current issues and events as they unfold across the globe. Students will utilize historical and geographic skills and knowledge as they discuss and examine the causes, implications and effects of global issues. The course is designed for juniors and seniors who have completed World History, World Geography (or World History/World Geography) and American History. [Repeatability for credit, one time, for a total of 1.0 credit] [Board Adopted 1999] [Board Revised 2007]
Duration: 1 Semester
Graduation Code: EL

SST760  The 20th Century: A Multimedia Approach  Credit: 0.5
Students in this course will investigate the origins of modern world problems and issues. Students will examine the key nations, events and people of the 20th century through the developing media (for example: photography, film, literature, art, music, television and computers. [Board Adopted 2003]
Duration: 1 Semester
Graduation Code: EL

SST800  Honors Constitutional Law*  Credit: 0.5
This course is designed to develop higher level thinking skills through comprehensive study of the United States Constitution and of the United States Supreme Court's decisions explaining the principles of the U.S. government. Emphasis is placed on advanced skills in reading, writing, analysis, synthesis and application. The scope of this course is intended to focus on an in-depth study of the U.S. Constitution. It will provide an understanding of the Constitution and an appreciation of the important role that Constitutional interpretation plays in the conduct of our court system in evaluating the constitutionality of actions taken on both the federal and state level. [Board Adopted 2004] [Board Revised 2017]
Duration: 1 Semester
Graduation Code: EL

SST995  Introduction to Social Studies  Credit: 0.5
This elective course will explore five major areas of study: study skills development, self-awareness, social/cultural insights, career exploration, school policies and procedures. After completing this course, students will have a much better understanding of their role in our democratic society. They will display better study habits, have greater knowledge and understanding of school policies and procedures, be able to interact with others, and have an awareness of various career choices. [Board Adopted 1994]
Duration: 1 Semester
Graduation Code: EL

Special Education

ENG170  Basic Freshman English  Credit: 1.0
Freshman English is required of all freshmen. The course includes the study of grammar, composition, library orientation and research, vocabulary, spelling, literature, oral expression, reading skills and study skills. Services provided will be indicated through objectives on the Individualized Education Plan (IEP). [Board Adopted 2008]
Duration: 1 Year
Graduation Code: EF

ENG270  Basic Sophomore English  Credit: 1.0
Basic Sophomore English continues to apply and refine the skills covered in the areas of composition, research and debate, stories, novels, drama, and poetry. The on-going course instruction will include life application skills, vocabulary, grammar, and usage. Services to be provided will be indicated through objectives on the Individual Education Plan (IEP) [Board Adopted 2008]
Duration: 1 Year
Graduation Code: ES

ENG370  Basic Junior English  Credit: 1.0
Junior English is required in the third year of high school. A survey of American literature is presented from the first recorded writings to the 20th century. Junior level grammar, composition, research, vocabulary, spelling, literary terms, oral expression skills, reading, and study skills are offered. A research project is required of all students. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). [Board Adopted 2008]
Duration: 1 Year
Graduation Code: EJ

ENG470  Basic Senior English  Credit: 1.0
Senior English fulfills the requirement of the fourth year of English. Composition, grammar, vocabulary, research and study skills, oral expression, and writing of forms, applications, and resumes are included. The course also includes a survey of world literature from Greek and Romans to the twentieth century, with a review of literary terms. A research paper is required of each student. Services to be provided will be indicated through objectives on the Individual Education Plan (IEP). [Board Adopted 2008]
Duration: 1 Year
Graduation Code: ER

[Underline = NCA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[Italics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
ENG862    Basic Reading 1-2    Credit: 1.0
This course is designed for students who are not recommended for the general curriculum Reading Program and have a current Individual Education Plan (IEP). This course emphasizes the acquisition of reading skills. [Board Adopted] [Board Revised 2004] [Board Revised 2008]
Duration: 1 Year
Graduation Code: EL

ENG864    Basic Reading 3-4    Credit: 1.0
The Basic Reading 3-4 course is a continuation of Basic Reading 1-2 and can be taken in conjunction with other English courses. Emphasis is placed on vocabulary development, critical thinking skills, reading flexibility, study and test taking skills, survival reading, and career planning. In addition, students will receive help in reading materials from other subject areas and in meeting reading proficiency. Based upon initial assessment to improve reading ability as indicated through the objectives in the individual Education Plan (IEP). [Board Adopted 2004] [Board Revised 2008]
Duration: 1 Year
Graduation Code: EL

ENG866    Basic Reading 5-6    Credit: 1.0
The Basic Reading 5-6 course is a continuation of Basic Reading 3-4 and can be taken in conjunction with other English courses. Emphasis is placed on vocabulary development, critical thinking skills, reading flexibility, study and test taking skills, survival reading, and career planning. In addition, students will receive help in reading materials from other subject areas and in meeting reading proficiency. Based upon initial assessment to improve reading ability as indicated through the objectives in the Individual Education Plan (IEP). [Board Adopted 2004] [Board Revised 2008]
Duration: 1 Year
Graduation Code: EL

MAT110    Basic Arithmetic    Credit: 1.0
Enrollment in this course is determined by the needs addressed in the student's Individual Education Plan (IEP). This course is designed to prepare students by teaching and/or reviewing math concepts: basic number concepts, addition, subtraction, multiplication and division of whole numbers, decimals and fractions, percent, and measurement. [Board Adopted] [Board Revised 2004] [Board Revised 2008]
Duration: 1 Year
Graduation Code: MA

MAT120    Basic Financial Math    Credit: 1.0
Enrollment in this course is determined by the needs addressed in the student’s Individual Education Plan (IEP). This course provides the students with a review of the fundamental computational operations. Students will work with applications of mathematics in everyday life. Topics to be studied include: personal finance, banking, consumer credit, housing, taxes, insurance, purchasing and budgeting. [Board Revised 2004] [Board Revised 2008] [Board Revised 2015]
Duration: 1 Year
Graduation Code: MA

MAT130    Basic Algebra 1 - 2    Credit: 1.0
Enrollment in this course is determined by the needs addressed in the student's Individual Education Plan (IEP). The course introduces the student to the basic structure of Algebra through the use and application of real numbers, inequalities, factoring, polynomials, linear and quadratic equations, and graphs. Appropriate technology will be used to enhance mathematical understanding and problem solving skills. [Board Adopted 2008] [Board Revised 2015]
Duration: 1 Year
Graduation Code: MA

MAT230    Basic Geometry 1-2    Credit: 1.0
Enrollment in this course is determined by the needs addressed in the student’s Individual Education Plan (IEP). This course introduces the student to the deductive method of proof with the use of points, lines, and planes. Solid geometry is integrated with plane geometry to lead the student to consideration of two-and three-dimensional figures and to develop the ability to visualize space relationships. [Board Adopted 2008] [Board Revised 2015]
Duration: 1 Year
Graduation Code: MA

MAT330    Basic Algebra 3-4    Credit: 1.0
Enrollment in this course is determined by the needs addressed in the student's Individualized Education Plan (IEP). This course begins with a review of Algebra 1-2 and introduces the following new topics: matrices, complex numbers, exponential and logarithmic functions, conic sections, higher degree polynomial functions, sequences and series, and trigonometry. [Board Adopted 2017]
Duration: 1 Year
Graduation Code: MA

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[italics underline = Requires student IEP to earn NCAA core rank] [*
* = Weighted rank status]
SST130  **Basic World History/Geography**  Credit: 1.0
World History/Geography is a required course for sophomores concerning nations and peoples of the world. Included with the history and geography are an in-depth analysis of the cultural, political, and economic infrastructures of the nations studied. The student will be challenged to think critically about international relations, human commonalities and differences and their impact on the student’s life. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). [Board Adopted] [Board Revised 2011]
*Duration: 1 Year*  
*Graduation Code: HG*

SST230  **Basic American/Arizona History**  Credit: 1.0
Basic American/Arizona History is a comprehensive examination of the United States from the earliest inhabitants to the present day. The course also explores Arizona from the early nomadic tribes to the present day conflicts affecting our great state. In order to accommodate all students, the structure of the course is based on lectures, discussions, and assigned readings designed to develop an understanding of the cultural, political, and economic growth of Arizona and our Nation. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). [Board Adopted] [Board Revised 2011]
*Duration: 1 Year*  
*Graduation Code: AA*

SST330  **Basic Intro to Government**  Credit: 0.5
This is a parallel course to standard requirements, yet designed to provide an alternative for students who have learning and reading disabilities that might impair their progress in a regular government class. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). [Board Adopted] [Board Revised 2011]
*Duration: 1 Semester*  
*Graduation Code: GV*

SST380  **Basic Intro to Economics**  Credit: 0.5
These courses are available to those students not able to succeed in the regular social studies program in the areas of American History, American Government, Economics and World History/Geography. The student must be deemed unable to successfully compete in the regular program by a multidisciplinary team. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). [Board Adopted] [Board Revised 2004] [Board Revised 2011]
*Duration: 1 Semester*  
*Graduation Code: FE*

SCI280  **Basic Biology 1-2**  Credit: 1.0
Basic Biology 1-2 is designed primarily for meeting the minimal high school laboratory science requirement for graduation but is not considered adequate for college entrance. This class gives the student an exposure to biological principles by addressing the state standards and how they are applied to everyday life. The student must be deemed unable to successfully compete in the regular program by a multidisciplinary team. Services to be provided will be indicated through the Individual Education Plan (IEP). [Board Adopted] [Board Revised 2004] [Board Revised 2010] [Board Revised 2015]
*Duration: 1 Year*  
*Graduation Code: LS*

SCI550  **Basic Earth Science**  Credit: 1.0
Basic Earth Science will fulfill one of three science requirements for graduation. The students will study astronomy, geology, meteorology, and oceanography. [Board Adopted 2011]
*Duration: 1 Year*  
*Graduation Code: PS*

SCI130  **Basic Integrated Science**  Credit: 1.0
Basic integrated Science is a physical laboratory science course that focuses on the topics of the Scientific Process, Physics, Chemistry and Earth Science through the use of inquiry and mathematics. Students will obtain, evaluate, and communicate scientific information. This year long course will allow students to read scientific texts, use mathematical practices, conduct numerous hands-on laboratory investigations, collect, analyze and interpret data and communicate their scientific knowledge through writing and speaking. The student must be deemed unable to successfully complete in the regular program by a multidisciplinary team. Services to be provided will be indicated through the Individual Education Plan (IEP). [Board Adopted] [Board Revised 2004] [Board Revised 2010] [Board Revised 2015] [Board Revised 2019]
*Duration: 1 Year*  
*Graduation Code: PS*

PED530  **Basic Health**  Credit: 0.5
This course is available to those students not able to succeed in the regular health program. The student must be deemed unable to successfully compete in the regular program by a multidisciplinary team. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). [Board Adopted 1998] [Board Revised 2004]
*Duration: 1 Semester*  
*Graduation Code: HE*  

*Underline = NCAA Approved Core Course*
[† = Course must be taken in conjunction w/anoterh to meet Grad. Requirement]  
[b]alic[es underline = Requires student IEP to earn NCAA core rank]  
* = Weighted rank status*
ESS310  
**Career Readiness**  
Credit: 1.0  
This course is designed to assist students with developing academic skills and generalizing the skills to multiple careers and independent living skills. The class will emphasize organization, reading, note taking, test taking, assignment completion, stress and time management, communication and self-advocacy with an emphasis on application of strategies to content areas. This course is offered for the elective credit; services to be provided will be indicated through objectives on the Individual Education Plan. (May be repeated for credit) [Board Adopted] [Board Revised 2004] [Board Revised 2016]  
*Duration: 1 Year*  
*Graduation Code: PA*  

ESS320  
**Career Pathways**  
Credit: 1.0  
This course is a specialized class that provides the students with the skills necessary to understand the realistic expectations of employment. Students will complete vocational assessments such as interest inventories, aptitude assessment and value surveys. In addition, the students will develop self-determination skill, research careers, and identify career expectations. This course is offered for an elective credit; services to be provided will be indicated through objectives on the Individual Education Plan. (May be repeated for credit) [Board Adopted] [Board Revised 2004] [Board Revised 2016]  
*Duration: 1 Year*  
*Graduation Code: PA*  

ESS300  
**Transition**  
Credit: 1.0  
This course is designed as a one-year program. Areas addressed include the students’ transition need to include self-directed IEP, self-advocacy, community experiences (leisure and recreation), employment, and independent and living skills. Fulfillment of requirements for this class enables students to be qualified for the work experience program and other career and technical education options. This course is offered for an elective credit and meets the requirements for a practical art credit. Services to be provided will be indicated through objectives on the IEP. The students will develop transition plans to be included and updated annually in the Individual Education Plan. (May be repeated for credit) [Board Adopted 2002] [Board Revised 2004] [Board Revised 2015] [Board Revised 2019]  
*Duration: 1 Year*  
*Graduation Code: PA*  

ESS780  
**Next Steps**  
Credit: 1.0  
This course is a specialized class designed to assist students developing the skills to successfully navigate life after high school. The students will investigate post-secondary options and the skills/prerequisites required to complete college, vocational and technical programs. Students will develop self-advocacy determination skills, critical thinking skill, and determine learning style and improve communication skills. The students will actively practice self-advocacy skills in preparation for post-secondary success. (May be repeated for credit) [Board Adopted 2016] [Board Revised 2019]  
*Duration: 1 Year*  
*Graduation Code: EL*  

ESS770  
**Bridge to Success**  
Credit: 2.0  
Bridge to Success offers the opportunity to explore occupational interest and to develop work behaviors in an off campus community setting. Services to be provided will be determined through the measurable post-secondary goals and the transitions services on the Individual Education Plan for fifth year students. The areas include: instruction, employment, related services, adult living and community experience. The students will learn through real world experiences such as job shadowing and on the job training. The goal of the program is to prepare students to enter the labor market prepared for competitive employment through a vocational phase system. (May be repeated for credit) [Board Adopted] [Board Revised 2004] [Board Revised 2016] [Board Revised 2019]  
*Duration: 1 Year*  
*Graduation Code: PA*  

ESS870  
**Community Education**  
Credit: 1.0  
This course is designed for the special needs student who requires extended, repetitive career exposure to meet career goals. This is a workshop setting that will assess and establish work behaviors in school and community environments. Basic job search skills will be discussed, reviewed, and practiced. Students will be exposed to a variety of community settings to develop, enhance, and refine social behaviors as well as to familiarize students with their local environments. This course is offered for an elective credit with services to be provided indicated through objectives on the Individual Education Plan. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2004]  
*Duration: 1 Year*  
*Graduation Code: PA*  

ESS340  
**Work Career Prep**  
Credit: 1.0  
This course is designed for the special needs student who requires an extended, more guided career program. This course will consist of units covering occupational awareness, personal habits, and readiness skills as they relate to the world of work. The teaching method to be used will be centered on community-based and hands-on instruction, especially on-campus work crews. This course is offered for an elective credit with services to be provided indicated through objectives on the Individual Education Plan. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2004]  
*Duration: 1 Year*  
*Graduation Code: PA*
ESS360  Vocational Exploration  Credit: 1.0
On-campus work experience is designed to place students in an entry-level work situation on the school campus. The main emphasis is on the development of appropriate work behaviors. (May be repeated for credit) [Board Adopted] [Board Revised 2004]
Duration: 1 Year
Graduation Code: PA

ESS700  Functional Work Place Skills 1-2  Credit: 1.0
Functional Work Place Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on preparing the student for transitioning to Adult Day Care, Shelter Workshop, Supported employment, or other options determined by the IEP team and family. Student preferences are considered while developing appropriate work habits and routines. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: EL

ESS710  Functional Work Place Skills 3-4  Credit: 1.0
Functional Work Place Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on preparing the student for transitioning to Adult Day Care, Shelter Workshop, Supported employment, or other options determined by the IEP team and family. Student preferences are considered while developing appropriate work habits and routines. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: HG

ESS720  Functional Work Place Skills 5-6  Credit: 1.0
Functional Work Place Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on preparing the student for transitioning to Adult Day Care, Shelter Workshop, Supported employment, or other options determined by the IEP team and family. Student preferences are considered while developing appropriate work habits and routines. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: AA

ESS730  Functional Work Place Skills 7-8  Credit: 1.0
Functional Work Place Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on preparing the student for transitioning to Adult Day Care, Shelter Workshop, Supported employment, or other options determined by the IEP team and family. Student preferences are considered while developing appropriate work habits and routines. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: EL

ESS740  Functional Work Place Skills 9-10  Credit: 1.0
Functional Work Place Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on preparing the student for transitioning to Adult Day Care, Shelter Workshop, Supported employment, or other options determined by the IEP team and family. Student preferences are considered while developing appropriate work habits and routines. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: GV

ESS750  Functional Work Place Skills 11-12  Credit: 1.0
Functional Work Place Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on preparing the student for transitioning to Adult Day Care, Shelter Workshop, Supported employment, or other options determined by the IEP team and family. Student preferences are considered while developing appropriate work habits and routines. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: FE

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[Bold underline = Requires student IEP to earn NCAA core rank]
[* = Weighted rank status]
ESS200  Functional Academics ELA 1-2  Credit: 1.0
Functional Academics is designed for freshman students who are significantly cognitively impaired, eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on grammar, composition, and reading. Language Arts concepts taught include but are not limited to basic tracking skills, comprehension of simple sight words, increased motor skills, and use of personal identification information in a variety of settings. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. [Board Adopted 2005] [Board Revised 2018]
*Duration: 1 Year
*Graduation Code: EF

ESS210  Functional Academics ELA 3-4  Credit: 1.0
Functional Academics is designed for sophomore students who are significantly cognitively impaired, eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on Language Arts concepts taught include but are not limited to basic tracking skills, comprehension of simple sight words, increased motor skills, and use of personal identification information in a variety of settings, reading for information in stories and novels, and grammar. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. [Board Adopted 2005] [Board Revised 2018]
*Duration: 1 Year
*Graduation Code: ES

ESS220  Functional Academics ELA 5-6  Credit: 1.0
Functional Academics is designed for junior students who are significantly cognitively impaired, eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on Language Arts concepts taught include but are not limited to basic tracking skills, comprehension of simple sight words, increased motor skills, and use of personal identification information in a variety of settings, reading for information specifically American Literature grammar, and composition. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. [Board Adopted 2005] [Board Revised 2018]
*Duration: 1 Year
*Graduation Code: EJ

ESS230  Functional Academics ELA 7-8  Credit: 1.0
Functional Academics is designed for senior students who are significantly cognitively impaired, eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on Language Arts concepts taught include but are not limited to basic tracking skills, comprehension of simple sight words, increased motor skills, use of personal identification information in a variety of settings, and learning to complete forms, applications, and resumes. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005] [Board Revised 2018]
*Duration: 1 Year
*Graduation Code: ER

ESS240  Functional Academics Math 1-2  Credit: 1.0
Functional Academics is designed for freshman students who are significantly cognitively impaired, eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts and application of real numbers. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. [Board Adopted 2005] [Board Revised 2018]
*Duration: 1 Year
*Graduation Code: MA

ESS250  Functional Academics Math 3-4  Credit: 1.0
Functional Academics is designed for sophomore students who are significantly cognitively impaired, eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts and the ability to visualize special relationships. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. [Board Adopted 2005] [Board Revised 2018]
*Duration: 1 Year
*Graduation Code: MA

ESS260  Functional Academics Math 5-6  Credit: 1.0
Functional Academics is designed for junior students who are significantly cognitively impaired and eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts plus money management and functional math skills. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. [Board Adopted 2018]
*Duration: 1 Year
*Graduation Code: MA

[Underline = NCAA Approved Core Course]  
[# = Course must be taken in conjunction w/another to meet Grad. Requirement]  
*[italics underline = Requires student IEP to earn NCAA core rank]*  
[* = Weighted rank status]*
ESS270  Functional Academics Math 7-8  Credit: 1.0
Functional Academics is designed for senior students who are significantly cognitively impaired and eligible to be assessed on the state approved alternate assessment(s), and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts, expand functional math skills within a variety of community environments. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2018]
Duration: 1 Year
Graduation Code: MA

ESS400  Basic Comprehensive Health 1-2  Credit: 1.0
Basic Comprehensive Health is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on safety, self-help and care, and basic mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: PS

ESS410  Basic Comprehensive Health 3-4  Credit: 1.0
Basic Comprehensive Health is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on safety, self-help and care, and basic mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: LS

ESS420  Basic Comprehensive Health 5-6  Credit: 1.0
Basic Comprehensive Health is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on safety, self-help and care, and basic mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: LS

ESS430  Basic Comprehensive Health 7-8  Credit: 1.0
Basic Comprehensive Health is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on safety, self-help and care, and basic mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit.) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: LS

ESS440  Basic Comprehensive Health 9-10  Credit: 1.0
Basic Comprehensive Health is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on safety, self-help and care, and basic mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: LS

ESS450  Basic Comprehensive Health 11-12  Credit: 1.0
Basic Comprehensive Health is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on safety, self-help and care, and basic mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: LS

ESS600  Functional Daily & Living Skills 1-2  Credit: 1.0
Functional Daily and Living Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on independence within contexts, self-help and care skills, and basic communication and mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: LS

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  [italics underline = Requires student IEP to earn NCAA core rank]  [* = Weighted rank status]
ESS610  Functional Daily & Living Skills 3-4  Credit: 1.0
Functional Daily and Living Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on independence within contexts, self-help and care skills, and basic communication and mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]

Duration: 1 Year
Graduation Code: EL

ESS620  Functional Daily & Living Skills 5-6  Credit: 1.0
Functional Daily and Living Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on independence within contexts, self-help and care skills, and basic communication and mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]

Duration: 1 Year
Graduation Code: EL

ESS630  Functional Daily & Living Skills 7-8  Credit: 1.0
Functional Daily and Living Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on independence within contexts, self-help and care skills, and basic communication and mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]

Duration: 1 Year
Graduation Code: FA

ESS640  Functional Daily & Living Skills 9-10  Credit: 1.0
Functional Daily and Living Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on independence within contexts, self-help and care skills, and basic communication and mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]

Duration: 1 Year
Graduation Code: PA

ESS650  Functional Daily & Living Skills 11-12  Credit: 1.0
Functional Daily and Living Skills is designed for students who are significantly cognitively impaired, eligible to be assessed on the AIMS-A or ASAT state assessment and receive special education services. The instruction is focused within the functional context of home, school, work, and community environments focusing on independence within contexts, self-help and care skills, and basic communication and mobility. The student’s Individual Education Plan (IEP) designates the standards for the class. A “P” or “F” grade only will be given. This course is not used in GPA or Rank calculations. (May be repeated for credit) [Board Adopted 2005]

Duration: 1 Year
Graduation Code: EL

ESS500  Study Skills 1-2  Credit: 1.0
ESS510  Study Skills 3-4  Credit: 1.0
ESS520  Study Skills 5-6  Credit: 1.0
ESS530  Study Skills 7-8  Credit: 1.0
Study Skills is designed for Special Education students. The purpose of the class is to teach effective study techniques and strategies that will help students meet the requirements and responsibilities in regular classes. It is recommended that students in the class be able to read at the 4th grade level or higher. [Board Adopted] [Board Revised 2004]

Duration: 1 Year
Graduation Code: EL

ESS100  Basic Skills 1-2  Credit: 1.0
ESS110  Basic Skills 3-4  Credit: 1.0
ESS120  Basic Skills 5-6  Credit: 1.0
ESS130  Basic Skills 7-8  Credit: 1.0
This is designed to provide remediation in the individual deficit areas. Due to the nature of this course, many of the goals and objectives span the curriculum of courses offered in Sp. Ed. The students in this course may need academic support in content class at the same time they are learning strategies to cope with their specific deficit. (May be repeated for credit) [Board Adopted] [Board Revised 2004] [Board Revised 2015]

Duration: 1 Year
Graduation Code: EL
ESS670 Social Behavior Skills Credit: 1.0
The Social Behavior class is designed for students placed in Special Education Programs. The course teaches students appropriate behavior skills in themselves as it relates to others. Students (a) gain personal insights and discover how appropriate behavior affects their lives and others, (b) gain better control over their lives and become more responsible for their actions, (c) learn to communicate more effectively, (d) enhance the ability to self-regulate emotions and behaviors, (e) become better decision makers, and (f) gain better self-image. (May be repeated for credit) [Board Adopted] [Board Revised 2004] [Board Revised 2009]
Duration: 1 Year
Graduation Code: EL

ART170 Basic Art Credit: 1.0
This course meets your Fine Art requirement for graduation. This course is available to those students not able to succeed in the regular art program. The student must be deemed by a multidisciplinary team to be unable to successfully compete in the regular program. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). (May be repeated for credit) [Board Adopted 1997] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA

MUS170 Basic Music Credit: 1.0
This course is available to those students not able to succeed in the regular general music program. The student must be deemed unable to successfully compete in the regular program by a multidisciplinary team. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). (May be repeated for credit) [Board Adopted]
Duration: 1 Year
Graduation Code: FA

Course Fee: $25.00

BUS140 Basic Keyboarding 1-2 Credit: 1.0
This course involves learning to "key by touch" on the keyboard of a computer using proper technique. This course is taught for personal use by the students but may be used in the workplace also. The major emphasis after learning the keyboard involves speed building and teaching the formatting of documents through the following units: announcements, memos, personal business letters, business letters, lists, outlines, unbound reports, and employment. [Board Adopted]
Duration: 1 Year
Graduation Code: PA

FCS170 Basic Foods Credit: 0.5
This course is available to those students not able to succeed in the regular foods program. The student must be deemed unable to successfully compete in the regular program by a multidisciplinary team. Services to be provided will be indicated through the objectives on the Individual Education Plan (IEP). [Board Adopted]
Duration: 1 Semester
Graduation Code: PA

Technological Education

TEC170 STEM Academy Credit: 0.5
The STEM Academy course will provide incoming freshmen the opportunity to develop their reasoning and problem solving skills in a collaborative, project-based environment. The area of focus will be STEM education (Science, Technology, Engineering, and Math). Students will work in small groups and will have the opportunity to interact with industry professionals and university professors while engaging in hands-on STEM experiments. They will experience technical reading and writing and will present conclusions to their peers. [Board Adopted 2010] [Board Revised 2016]
Duration: Summer
Graduation Code: EL

World Languages

WLD100 Spanish 1-2 Credit: 1.0
This course introduces students to the basic communication skills: speaking, reading, writing and listening. Students also will be introduced to culture and history. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD110 Spanish 3-4 Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[italics underline = Requires student IEP to earn NCAA core rank] [*
= Weighted rank status]
WLD115  Honors Spanish 3-4*  Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. **Honors classes will include more in-depth writing exercises and an introduction to short stories and poetry. [Board Adopted 1999]
*Duration: 1 Year
Graduation Code: EL

WLD120  Spanish 5-6  Credit: 1.0
The third year course emphasizes conversation, grammatical construction, writing, reading, listening, literature and culture all in more depth than at the first two levels. The material will be taught primarily in the target language, and the student’s use of the target language will be promoted and fostered. [Board Adopted 1999] [Board Revised 2005]
*Duration: 1 Year
Graduation Code: EL

WLD125  Honors Spanish 5-6*  Credit: 1.0
The third year course emphasizes conversation, grammatical construction, writing, reading, listening, literature and culture all in more depth than at the first two levels. The material will be taught primarily in the target language, and the student’s use of the target language will be promoted and fostered. **Emphasis is placed on increasing the students’ capacity and ease in mastering advanced grammatical concepts and expressing themselves on a more advanced level, both in conversation and in writing. [Board Adopted 1999]
*Duration: 1 Year
Graduation Code: EL

WLD130  Spanish 7-8  Credit: 1.0
The fourth year course continues the study of advanced concepts of grammar and communication. At this level a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. [Board Adopted 1999] [Board Revised 2005]
*Duration: 1 Year
Graduation Code: EL

WLD135  Honors Spanish 7-8*  Credit: 1.0
The fourth year course continues the study of advanced concepts of grammar and communication. At this level a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. **Along with oral class discussions of works read, students deliver oral presentations of personal interest and culture, and write well-organized essays on both personal and literary topics. [Board Adopted 1999]
*Duration: 1 Year
Graduation Code: EL

WLD140  Spanish 9-10  Credit: 1.0
This fifth year course continues the refined study of advanced concepts of grammar and communication. There is emphasis on the study of literature. At this level a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. There is a strong focus on integrating their knowledge of the language into real-life situations. [Board Adopted 2005]
*Duration: 1 Year
Graduation Code: EL

WLD145  Honors Spanish 9-10*  Credit: 1.0
The fifth year course continues the refined study of advanced concepts of grammar and communication. There is emphasis on the study of literature. At this level a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. There is a strong focus on integrating their knowledge of the language into real-life situations. [Board Adopted 1999]
*Duration: 1 Year
Graduation Code: EL

WLD150  AP Spanish Language and Culture*  Credit: 1.0
This fourth year course integrates the national standards for Foreign Language Learning in the 21st century. Per the College Board, when communicating, “students demonstrate an understanding of the Culture(s), incorporate interdisciplinary topics (Connections), make comparisons between the native language and the target language and between cultures (Comparisons), and use the target language in real-life settings (Communities).” This course will empower students to speak and write proficiently in a variety of situations. More importantly, students will become aware of and appreciate “cultural products, both tangible (tools, books, music) and intangible (laws, conventions institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products).” Students will explore language concepts through themes and meaningful contexts. Finally, teachers will “build content knowledge and sharpen critical-thinking skills by exposing students to authentic media (music, documentary films, radio, television), and encouraging them to interpret what they hear or see.” This AP-based curriculum, including the exclusive use of Spanish in the classroom as well as advanced concepts of grammar and communication, is used to prepare students for the AP Spanish Language and Culture Exam offered at the completion of the year. [Board Adopted 2001] [Board Revised 2012]
*Duration: 1 Year
Graduation Code: EL

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[Balics underline = Requires student IEP to earn NCAA core rank] [*
= Weighted rank status]
WLD155  **AP Spanish Literature and Culture***  Credit: 1.0
This fourth/fifth year course, per the College Board, “aims to help students progress beyond reading comprehension to read with critical, historical and literary sensitivity.” The addition to the course description of “and culture” reflects the latest course design and exam from the College Board for World Languages. With a reduced, yet challenging, required reading list, this course encourages a thematic approach and incorporates art and other media into the study of literature. It empowers students to develop critical reading, analytical writing, and research skills in Spanish. Aligned with the national standards, this course incorporates the Communication, Cultures, Connections, Comparisons, and Communities goals, which emphasize studying literature through global, historical, and contemporary cultural contexts, encourages students to make interdisciplinary connections as well as linguistic and cultural comparisons, engages students through the use of media (music, documentary films, radio, television), and encourages students to develop interpretive listening skills and to compare what they hear to literary texts. This course is conducted entirely in Spanish, thus increasing each student’s grammatical and communicative skills as well. The AP-based curriculum is used to prepare students for the AP Spanish Literature and Culture Exam offered at the completion of the year. [Board Adopted 2002] [Board Revised 2012]
Duration: 1 Year
Graduation Code: EL

WLD162  **Honors Spanish for Heritage Learners***  Credit: 1.0
This course is intended for students who have a background with the Spanish language. Students will expand their proficiency skills in writing, speaking, listening, and reading Spanish, as well as broadening their understanding of the Hispanic culture and civilization. Students who successfully complete this course, will be eligible for third year Spanish or higher. [Board Adopted 1994] [Board Revised 2017] [Board Revised 2019]
Duration: 1 Year
Graduation Code: EL

WLD190  **Accelerated Spanish 1-2***  Credit: 1.0
This course is open to students with prior experience in the Spanish language at the middle/junior high school. Students are introduced to the four basic skills of the Spanish language: listening, speaking, reading, and writing with emphasis on communication. The students will move at a faster pace and more chapters will be covered than in the Spanish 1-2 course. Grammatical structures will include the use of the present and past tenses. Included is an introduction to the Hispanic culture and the geography of the Hispanic world. [Board Adopted 1994]
Duration: 1 Year
Graduation Code: EL

WLD200  **French 1-2***  Credit: 1.0
This course introduces students to the basic communication skills: speaking, reading, writing, and listening. Students also will be introduced to culture and history. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD210  **French 3-4***  Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD215  **Honors French 3-4***  Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. **Honors classes will include more in-depth writing exercises and an introduction to short stories and poetry. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD220  **French 5-6***  Credit: 1.0
The third year course emphasizes conversation, grammatical construction, writing, reading, listening literature and culture all in more depth than at the first two levels. The material will be taught primarily in the target language, and the student’s use of the target language will be promoted and fostered. [Board Adopted 1999] [Board Revised 2005]
Duration: 1 Year
Graduation Code: EL

WLD225  **Honors French 5-6***  Credit: 1.0
The third year course emphasizes conversation, grammatical construction, writing, reading, listening, literature and culture all in more depth than at the first two levels. The material will be taught primarily in the target language, and the student’s use of the target language will be promoted and fostered. **Emphasis is placed on increasing the student’s capacity and ease in mastering advanced grammatical concepts and expressing themselves on a more advanced level, both in conversation and in writing. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD230  **French 7-8***  Credit: 1.0
The fourth year course continues the study of advanced concepts of grammar and communication. At this level the students in all areas of language study attain a higher degree of proficiency. Students at this level are required to develop proficiency in the target language while using it exclusively in class. [Board Adopted 1999] [Board Revised 2005]
Duration: 1 Year
Graduation Code: EL

[Underline = NCAA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[Balics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
WLD235  **Honors French 7-8***  
Credit: 1.0
The fourth year course continues the study of advanced concepts of grammar and communication. At this level the students in all areas of language study attain a higher degree of proficiency. Students at this level are required to develop proficiency in the target language while using it exclusively in class. **Along with oral class discussions of works read, students deliver oral presentations of personal interest and French culture, and write well-organized essays on both personal and literary topics. [Board Adopted 1999]

*Duration: 1 Year
Graduation Code: EL

WLD240  **French 9-10***  
Credit: 1.0
The fifth year course continues the refined study of advanced concepts of grammar and communication. There is emphasis on the study of literature. At this level a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. There is a strong focus on integrating their knowledge of the language into real-life situations. [Board Adopted 2014]

*Duration: 1 Year
Graduation Code: EL

WLD245  **Honors French 9-10***  
Credit: 1.0
The fifth year course continues the refined study of advanced concepts of grammar and communication. There is emphasis on the study of literature. At this level a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. There is a strong focus on integrating their knowledge of the language into real-life situations. [Board Adopted 2014]

*Duration: 1 Year
Graduation Code: EL

WLD250  **AP French Language***  
Credit: 1.0
AP French Language continues the study of advanced concepts of grammar and communication. At this level, a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. Extensive study of French culture and literature enrich the already full curriculum. An AP based curriculum is used in preparing students for the AP French Language exam offered at the completion of the year. [Board Adopted 2005]

*Duration: 1 Year
Graduation Code: EL

WLD300  **German 1-2***  
Credit: 1.0
This course introduces students to the basic communication skills: speaking, reading, writing and listening. Students will also be introduced to the culture and history. [Board Adopted 1999]

*Duration: 1 Year
Graduation Code: EL

WLD310  **German 3-4***  
Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. [Board Adopted 1999]

*Duration: 1 Year
Graduation Code: EL

WLD315  **Honors German 3-4***  
Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. **Students will compile a portfolio or complete additional extended assignments. [Board Adopted 1999]

*Duration: 1 Year
Graduation Code: EL

WLD320  **German 5-6***  
Credit: 1.0
The third year course emphasizes conversation, grammatical construction, writing, reading, listening, literature and culture all in more depth than at the first two levels. The student’s use of the target language will be promoted and fostered. [Board Adopted 1999] [Board Revised 2005]

*Duration: 1 Year
Graduation Code: EL

WLD325  **Honors German 5-6***  
Credit: 1.0
The aims of Honors German 5-6 is in conformity with college German studies in the fourth through sixth semesters. The basic objective is progress in reading, writing, understanding, and speaking. Works by famous German writers in poetry and prose as well as various radio and video supplements are consistent in helping the student to further German knowledge. Current newspaper and magazine sources help the student increase a useable and contemporary knowledge of the language. [Board Adopted 2005]

*Duration: 1 Year
Graduation Code: EL

WLD330  **German 7-8***  
Credit: 1.0
The fourth year course continues the study of advanced concepts of grammar, reading, writing and oral communication. At this level a higher degree of proficiency is attained by the students in areas of language study. Students at this level are required to develop proficiency in the target language as used in class. [Board Adopted 1999] [Board Revised 2005]

*Duration: 1 Year
Graduation Code: EL

[Underline = NCAA Approved Core Course]

[† = Course must be taken in conjunction w/another to meet Grad. Requirement]

[italics underline = Requires student IEP to earn NCAA core rank]
WLD335  Honors German 7-8*  Credit: 1.0
The aims of Honors German 7-8 is in conformity with college German studies in the fourth through sixth semesters. The basic objective is progress in reading, writing, understanding, and speaking. Works by famous German writers in poetry and prose as well as various radio and video supplements are consistent in helping the student further German knowledge. Current newspaper and magazine sources help the student increase a useable and contemporary knowledge of the language. [Board Adopted 2005]
*Graduation Code: EL
Duration: 1 Year

WLD340  German 9-10  Credit: 1.0
This course provides an introduction to German literature. Included in the course are selected readings in German Literature from Classicism to present. Emphasis is placed on techniques of reading and analysis of literary texts. [Board Adopted 2003] [Board Revised 2005]
*Graduation Code: EL
Duration: 1 Year

WLD345  Honors German 9-10*  Credit: 1.0
This course provides an introduction to German literature. Included in the course are selected readings in German Literature from Classicism to present. Emphasis is placed on techniques of reading and analysis of literary texts. [Board Adopted 2003] [Board Revised 2005]
*Graduation Code: EL
Duration: 1 Year

WLD350  AP German Language*  Credit: 1.0
AP German Language continues the study of advanced concepts of grammar and communication. At this level, a higher degree of proficiency is attained by the students in all areas of language study. Students at this level are required to develop proficiency in the target language while using it exclusively in class. Extensive study of German culture and literature enrich the already full curriculum. An AP based curriculum is used in preparing students for the AP German Language exam offered at the completion of the year. [Board Adopted 2005]
*Graduation Code: EL
Duration: 1 Year

WLD400  Introduction to Chinese: Language & Culture  Credit: 1.0
This course will introduce students to the beginning levels of Mandarin Chinese language. Students will develop listening, speaking, reading, and writing skills to obtain a basic communication competency in this course including such topics as greetings, time, family, weather, hobbies, traveling and studying. The study of culture, customs and traditions will also be an important component. [Board Adopted 2009]
*Graduation Code: EL
Duration: 1 Year

WLD410  Intermediate Chinese: Language & Culture*  Credit: 1.0
This course will introduce students to the beginning levels of Mandarin Chinese language. Students will develop listening, speaking, reading, and writing skills to obtain a basic communication competency in this course including such topics as greetings, time, family, weather, hobbies, traveling and studying. The study of culture, customs and traditions will also be an important component. [Board Adopted 2009]
*Graduation Code: EL
Duration: 1 Year

WLD420  Advanced Chinese: Language and Culture*  Credit: 1.0
The third year course conversation, grammatical construction, writing, reading, listening, literature and culture all in more depth than at the first two levels. The material will be taught primarily in the target language, and the student’s use of the target language will be promoted and fostered. [Board Adopted 1999] [Board Revised 2009]
*Graduation Code: EL
Duration: 1 Year

WLD450  AP Chinese Language & Culture*  Credit: 1.0
The AP course prepares students to demonstrate their level of Chinese proficiency across the three communicative modes; interpersonal, interpretive and presentational. Students will have the opportunity to participate in varied opportunities; activities and assessments to further develop their proficiencies across the full range of language skills. The study of culture, customs and traditions will also be an integral component. [Board Adopted 2008]
*Graduation Code: EL
Duration: 1 Year

WLD500  Latin 1-2  Credit: 1.0
This introductory course is designed along three lines of approach: 1) the study of language structure; 2) the study of Latin root words in English, and 3) the study of cultural traditions. Reading, writing and translation skills will be emphasized. [Board Adopted 1999]
*Graduation Code: EL
Duration: 1 Year

WLD510  Latin 3-4  Credit: 1.0
This second year course emphasizes grammatical construction, writing, reading, translation, listening and a more in-depth study of culture. Students are introduced to selections from Latin authors. [Board Adopted 1999]
*Graduation Code: EL
Duration: 1 Year

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[italics underline = Requires student IEP to earn NCAA core rank] [ ]
[* = Weighted rank status]
WLD515  **Honors Latin 3-4**  Credit: 1.0
This second year course emphasizes grammatical construction, writing, reading, translation, listening, and more in-depth study of culture. Students are introduced to selections from Latin authors. There is also an emphasis placed on increasing the students’ capacity and ease in mastering advanced grammatical concepts and expressing themselves on a more advanced level in writing. [Board Adopted 2005]
**Duration:** 1 Year
**Graduation Code:** EL

WLD520  **Latin 5-6**  Credit: 1.0
This third year course emphasizes grammatical construction, writing, reading, listening, literature and culture all in more depth than at the first two levels. Students begin more intensive readings of Latin authors. Emphasis is placed on the study of Roman history as a background for the Latin readings. [Board Adopted 1999] [Board Revised 2005]
**Duration:** 1 Year
**Graduation Code:** EL

WLD525  **Honors Latin 5-6**  Credit: 1.0
This third year course further emphasizes grammatical construction, writing, reading, translation, listening, and more in-depth study of culture. Students are introduced to selections from Latin authors. There is also a continued emphasis placed on increasing the students’ capacity and ease in mastering advanced grammatical concepts and expressing themselves on a more advanced level in writing. [Board Adopted 2005]
**Duration:** 1 Year
**Graduation Code:** EL

WLD530  **Latin 7-8**  Credit: 1.0
The fourth year course continues the study of advanced concepts of grammar and communication. At this level, a higher degree of proficiency is attained by the students in all areas of language study. Students will continue their studies in Latin literature through intensive readings of major authors in prose and poetry. [Board Adopted 1999] [Board Revised 2005]
**Duration:** 1 Year
**Graduation Code:** EL

WLD535  **Honors Latin 7-8**  Credit: 1.0
This fourth year course continues emphasizing grammatical construction, writing, reading, translation, listening, and more in-depth study of culture. Students are reading selections from Latin authors. There is increased emphasis placed on expanding the students’ capacity and ease in mastering advanced grammatical concepts and expressing themselves on a more advanced level in writing. Students are reading at a college level. [Board Adopted 2005]
**Duration:** 1 Year
**Graduation Code:** EL

WLD560  **AP Latin: Vergil**  Credit: 1.0
The aims of AP Latin are in general conformity with college Latin studies in the fourth through sixth semesters. The basic objective is progress in reading, translating, understanding, analyzing, and interpreting Latin in the original. The AP Latin curriculum reads the works of Caesar (De Bello Gallico) and Vergil (The Aeneid). [Board Adopted 2005] [Board Revised 2011]
**Duration:** 1 Year
**Graduation Code:** EL

WLD570  **Arabic 1-2**  Credit: 1.0
Introduction to basic communication skills in Arabic: speaking, reading, listening and introduction to culture and history. [Board Adopted 2017]
**Duration:** 1 Year
**Graduation Code:** EL

WLD575  **Arabic 3-4**  Credit: 1.0
The second year course focuses on strengthening the components of Arabic by continuing to grow conversation skills in formal and colloquial Arabic, including reading, listening, speaking, writing, and cultural knowledge with an emphasis on grammatical construction. Students who completed the course should reach an intermediate-mid to an intermediate-high level of proficiency. [Board Adopted 2018]
**Duration:** 1 Year
**Graduation Code:** EL

WLD600  **American Sign Language 1-2**  Credit: 1.0
This course introduces students to basic communication skills. Students will interpret written and spoken communication to obtain information; express feelings and preferences; and exchange ideas and opinions. Students will also be introduced to the culture and history. This course is open to Juniors and Seniors, only. [Board Adopted 2008]
**Duration:** 1 Year
**Graduation Code:** EL

WLD610  **American Sign Language 3-4**  Credit: 1.0
The second year course emphasizes deeper understanding and interpretation of written and spoken communication and a more in-depth study of culture. This course is open to Juniors and Seniors, only. [Board Adopted 2008]
**Duration:** 1 Year
**Graduation Code:** EL

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[italics underline = Requires student IEP to earn NCAA core rank]
[* = Weighted rank status]
The Peggy Payne Academy at McClintock High School

ART620  Academy Digital Art*  Credit: 1.0
This course is designed to provide an in-depth study of digital photography, videography, and graphic design to the Academy student. Course work will focus on critical analysis of professional and student generated art in these media areas. Students will produce original works of art as they develop portfolios, jury their work, participate in gallery display and interact with artists currently working in fields that integrate technology with the artistic experience. An emphasis will be placed on understanding the history and cultural influences on art as societies evolve through technological advancement. [Board Adopted 2010]
Duration: 1 Year
Graduation Code: FA
Course Fee: $25.00

ENG130  Academy English 1-2*  Credit: 1.0
Academy English 1-2 is a course designed for the verbally gifted student whose love of reading and writing becomes part of a toolbox to build exemplary English skills. The content studied is college-level literature, mainly the classic and archetypal themes and motifs found in both ancient and contemporary texts. Writing genres are introduced, practiced, and applied, with a heavy emphasis on persuasive and narrative techniques as well as an introduction to literary analysis. Strong grammar skills are developed. From the parts of speech to sentence structure, students learn how to identify, understand, and use grammar to enhance their own written and spoken communication skills. Vocabulary study has an SAT prep focus to better prepare students for future standardized testing. Critical inquiry and thinking skills are exercised and applied to both classroom discussion and responses to literature. Students should enter with strong verbal and reasoning skills, including the ability to read and comprehend complex texts and articulate meaning through written and spoken communication. [Board Adopted 2002]
Duration: 1 Year
Graduation Code: ES

ENG230  Academy English 3-4*  Credit: 1.0
Academy English 3-4 is a course designed for the verbally gifted student who not only has a love for reading and writing, but also possesses a strong foundation in critical thinking and inquiry, grammar, persuasive and narrative writing techniques and discourse. At its core, AE 3-4 is a primer for both the AP Language and Composition (junior) and AP Literature and Composition (senior) courses. Introduced, practiced and applied are the rhetoric and argument genre as well as literary style analysis. The literature is college level and broadens the student’s exploration of what is commonly referred to as “classics”, but shifts focus to studying authors who manipulated and/or departed from classical forms and motifs creating complex, multi-layered, subtle and sometimes controversial works of literature. This level is designed to nurture and develop skills learned at the freshman level, but also focuses on reading authors whose creativity is renowned. Writing and responding to literature continues development of analytical skills, but added is the student’s ability to experiment with creative forms, producing in depth work within the same genre. Discourse and rhetoric are studied and practiced through speechwriting and delivery and research paper/presentations. The student should possess strong verbal and analytical skills and be able to read complex texts comfortably. The student should also possess fluid comprehension of the parts of speech and sentence structure and be comfortable and competent in the persuasive, narrative and literary analysis writing techniques before entering the course. [Board Adopted 2002]
Duration: 1 Year
Graduation Code: ES

ENG342  Academy AP English Language and Composition* [AP English: Language and Composition] Credit: 1.0
AP Academy English 5-6 is designed for verbally gifted students who not only love reading and writing, but also possess a strong desire to explore the genre of argument and rhetoric. The course explores the American literature canon, but while traditional American literature survey courses focus on fiction and the literary conventions employed by writers, this course concentrates on how a writer’s linguistic choices affect stylistic development. Intense focus on language will enhance students’ abilities to use grammatical conventions both appropriately as well as with sophistication to develop stylistic control within their own prose. Furthermore, to prepare for the AP (Advanced Placement) Language and Composition exam, students read prose from various periods, disciplines, and rhetorical contexts and compose for a variety of purposes. Students also analyze and interpret rhetorical strategies and techniques, apply them to their own writing, create and sustain arguments, write in a variety of genres and contexts both formal and informal, and produce expository and argumentative composition. Mastery is demonstrated by taking the AP Language and Composition exam in May. Entering students should possess a mastery of standard English grammar and usage and competence in the areas of literary analysis and critique, and persuasive, argumentative and narrative essay genres. [Board Adopted 2002]
Duration: 1 Year
Graduation Code: ES

ENG442  Academy AP English Literature and Composition* [AP English: Literature and Composition] Credit: 1.0
AP Academy English 7-8, designed to challenge the most gifted English students, emphasizes literature, composition, individual projects and in-depth learning. It prepares students for the AP Literature and Composition test, and the class writes essays on a weekly basis. The students respond to literature and use various analytical skills. Classroom discussion plays a large part in this course, and this dialogue revolves around various genres of literature. [Board Adopted 2002]
Duration: 1 Year
Graduation Code: EN
**MAT800  Academy Advanced Geometries**  
Credit: 1.0  
This course will cover all topics in advanced geometry. The student will receive added intuition about geometry through the use of computers. The course will provide an extensive introduction to algebra. [Board Adopted 2002]  
*Graduation Code: MA*

**MAT810  Academy Advanced Algebra and Calculus Foundations**  
Credit: 1.0  
This course will cover topics in advanced algebra, sequences and series, trigonometry, analytic geometry, and elementary functions to include linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, piecewise functions, parametric, vector and polar functions. The course will provide students familiarity with the properties and language of functions as well as the graphs and algebra of functions as well as values of trigonometric functions. Once sufficient preparation is completed, students will study calculus. The scope of the calculus that may be covered includes limits, asymptotic behavior, continuity, derivatives at a point and as a function, second derivatives, applications of derivatives, integration, properties of the definite integral, application of integrals, applications of anti-differentiation, and the Fundamental Theorem of Calculus. Extensive use of the graphing calculator will be considered an integral part of the course and thus done on a regular basis. The goal is to prepare the student to pass the AP exam for calculus AB. The student will further develop their knowledge of algebra and calculus through the use of graphing calculators and computers. [Board Adopted 2002]  
*Graduation Code: MA*

**MAT820  Academy Math Analysis for Business and Brief Calculus**  
Credit: 1.0  
The purpose of this class is to build on the foundation of Academy Advanced Algebra. This class will solidify the student’s base in the topics necessary to expect a high degree of success in Academy AP Calculus the following year as well as cover topics in finite math. The first semester topics include: matrices, the method of least squares, construction of supply and demand equations, the geometric approach to linear programming, the simplex tableau, finance topics such as annuities, present value and sinking funds, more advanced probability topics such as Bayes’ formula, expected value and random variables, z scores, standard deviation, Markov chains and game theory. The second semester introduces the concepts of limits and continuity, basic derivatives and integrals, curve sketching, optimization, related rates, and random variables. This class also covers more advanced trigonometry that is needed for Academy AP Calculus. Students taking this course will also complete quarterly projects that deal with the applications of these topics. This class will be taught to promote conceptual understanding rather than algorithmic learning. Students will be challenged with problems similar to the American Math Competition that they will not expect to be able to solve automatically. Part of this class will be to have the students develop strategies to approach problems like that. Through projects and presentations, the class will also develop the ability to communicate thoughts and ideas effectively to different audiences. Following this course, students take Academy AP Calculus. [Board adopted 2004] [Board Revised 2017]  
*Graduation Code: MA*

**MAT830  Academy Calculus**  
Credit: 1.0  
This course will cover topics in a full year course in calculus of functions of a single variable. It will start with functions, graph and limits, to include analysis of graphs, limits, asymptotic and unbounded behavior, continuity, and parametric, polar and vector functions. The concept of derivative, derivatives at a point and as a function, second derivatives, applications of derivatives and computations of derivatives will follow. Next, integration and properties of definite integrals, application of integrals, applications of anti-differentiation, and the Fundamental Theorem of Calculus will be covered. Polynomial approximation and Series to include series of constants and Taylor Series will finish the course. Extensive use of the graphing calculator will be considered an integral part of the course and thus done on a regular basis. The student will develop further knowledge of algebra and calculus through the use of graphing calculators and computers. [Board Adopted 2002]  
*Graduation Code: MA*

**MAT840  Academy Advanced Calculus**  
Credit: 1.0  
This course will cover topics in methods of integration, applications of calculus, elements of analytic geometry, improper integrals, sequences, and series, vector-valued functions, functions of several variables, multiple integration, and introduction to vector analysis and ordinary differential equations, as adapted to the needs of the students. Extensive use of graphing calculator will be considered as integral part of the course and thus done on a regular basis. The student will develop further knowledge of algebra and calculus through the use of graphing and computers. [Board Adopted 2002]  
*Graduation Code: MA*

**SCI800  Academy Biology**  
Credit: 1.0  
Academy Biology is a highly accelerated biology course designed to challenge and to meet the specific needs of gifted students. The curriculum will consider many biological concepts including science as an inquiry, biochemistry, cell structure and function, genetics, evolution, ecology, botany, human organ systems and animal behavior. Research projects will be conducted throughout the year. [Board Adopted 2002]  
*Graduation Code: MA*

**SCI810  Academy Chemistry**  
Credit: 1.0  
Academy Chemistry is a lab-based course that covers atomic theory, stoichiometry, chemical bonding, measurement, periodic properties and chemical reactions among other topics. Academy chemistry covers both a larger breadth of topics as well as covering these topics to a larger depth than regular chemistry. This class places more emphasis on the mathematics of the solution than does regular chemistry. [Board Adopted 2002]  
*Graduation Code: PS*
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>SCI820</td>
<td>Academy Physics*</td>
<td>1.0</td>
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<tr>
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<td>This course will provide a complete overview of both classical and modern physics. Laboratory work will be performed to reinforce the theory and practice of physics. During the course it is required that the student complete a course project, the goal is to immerse the student in a particular field of study in physics. At the completion of the course the student will be prepared to write the AP exam in Physics BC. [Board Approved 2002]</td>
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<td>Graduation Code: PS</td>
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<tr>
<td>SST150</td>
<td>Academy AP World History*†</td>
<td>1.0</td>
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<td>Academy Advanced Placement World History is a course designed to prepare ambitious and dedicated history students for college level history classes. While the course correlates with Arizona History Standards, it approaches the study of history with much more breadth and depth. The Academy World History will focus on a variety of themes that collectively describe human experience. The emphasis is on the comparison of societies, utilizing activities that place importance on similarities and differences, rather than memorization and description. Focus is given to larger historical processes that connect individual societies, as well as the use of key time periods illustrating change and growth in international framework. On completion of this course, students will be prepared to take the College Board’s Advanced Placement World History Test. [Board Approved 2002]</td>
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<td>Graduation Code: HG</td>
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<tr>
<td>SST240</td>
<td>Academy AP United States History*</td>
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<td>Academy AP American History is a survey course designed to meet the needs of highly advanced students. This introduction to American history and culture assumes a high level of interest and competence from participants. Students will learn American History from its foundations to the present, exploring themes like society, culture, diplomacy, economics, and politics. The analytical, thinking, writing and reading skills that are developed in Academy AP American History will equip students for college and lifelong learning. [Board Approved 2002]</td>
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<td>Graduation Code: AA</td>
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<tr>
<td>SST333</td>
<td>Academy AP US Government and Politics*</td>
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<td>Academy AP US Government and Politics is a highly accelerated college preparatory course. Curriculum includes an in depth study of American government, the development of political parties and current events. The course meets and exceeds the College Board’s AP US Government and Politics. [Board Approved 2002] [Board Revised 2017]</td>
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<td>Graduation Code: GV</td>
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<tr>
<td>SST383</td>
<td>Academy AP Micro/Macro Economics*</td>
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<td>Academy AP Economics will combine studies in macro and microeconomics in an advanced and intense setting. Students will use the College Board curriculum to prepare for success in micro and macroeconomics. [Board Approved 2002]</td>
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<td>Graduation Code: FE</td>
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<tr>
<td>SST385</td>
<td>Academy AP Economics*</td>
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<td>Academy AP Economics is a highly accelerated college preparatory course. Curriculum includes an in depth study of economic principles, microeconomic theory, macroeconomic theory, and international trade. Students are expected to apply their learning to current world events. The course meets and exceeds the College Board’s AP Microeconomics and AP Macroeconomics. [Board Approved 2005]</td>
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<td>Graduation Code: FE</td>
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<tr>
<td>SST520</td>
<td>Academy AP European History*</td>
<td>1.0</td>
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<td>Academy AP European History course is a college level survey course in modern European history. Students acquire knowledge of the basic events and movements that occurred in Europe during the period of 1450 to the present. These events and themes are uncovered through the study of intellectual and cultural history, political and diplomatic history, and social and economic history. Students will utilize historical documents and strengthen their expression of historical understanding through writing. Academy AP European history offers ambitious students and teachers the opportunity to immerse themselves in the events and ideas that have helped to shape our culture. [Board Approved 2002]</td>
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<td>Graduation Code: EL</td>
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<tr>
<td>WLD800</td>
<td>Academy Spanish I: Introduction to Spanish Language &amp; Culture*</td>
<td>1.0</td>
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<td>Academy Spanish I: Introduction to Spanish Language and Culture is a fast paced class for highly capable and motivated students. Emphasis will be placed on the integrated development of the four target skill areas: listening, speaking, reading and writing. Students will be expected to participate extensively in the target language through a variety of activities that will incorporate the integration of the four target skill areas. An emphasis on culture and history will also be incorporated into the language course. Students will complete an in-depth research project on a Spanish speaking country. [Board Approved 2002] [Board Revised 2005]</td>
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<td>Graduation Code: EL</td>
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</tbody>
</table>

[Underline = NCAA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[italics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
WLD810  Academy Spanish II: Intermediate Spanish Language & Culture*  
Academy Spanish II: Intermediate Spanish Language and Culture is a course for highly motivated language learners. Emphasis will be placed on increasing students’ capacity and ease in mastering advanced language structures and skills. The accelerated curriculum and pace of the course will emphasize the importance of the integrated development of the four target skill areas, speaking, listening, reading, and writing. Students will be exposed to a variety of authentic reading materials from all periods and across all genres. Students will study the impact of Spanish language in the New World and students will also complete an in-depth research project on a famous person of the Spanish-speaking world. Students will be immersed in the target language throughout the program and will be expected to use the language for all in-class communication. [Board Adopted 2002] [Board Revised 2005]
Duration: 1 Year
Graduation Code: EL

WLD820  Academy AP Spanish Literature and Culture*  
Academy AP Spanish Literature is a rigorous course designed for very capable and motivated Spanish Language learners. Students will prepare to take the Advanced Placement Spanish Literature Exam after completing this course. There will be a required reading list and students will have some obligatory reading assignments prior to the beginning of the course. Students will be immersed in the target language throughout the program and will be expected to use the language for all in-class communication. Students will complete two research papers, one each semester to be determined by the instructor and the student. [Board Adopted 2002] [Board Revised 2005]
Duration: 1 Year
Graduation Code: EL

WLD830  Academy AP Spanish Language and Culture*  
This fourth year course integrates the national standards for Foreign Language Learning in the 21st century. Per the College Board, when communicating, “students demonstrate an understanding of the Culture(s), incorporate interdisciplinary topics (Connections), make comparisons between the native language and the target language and between cultures (Comparisons), and use the target language in real-life settings (Communities).” This course will empower students to speak and write proficiently in a variety of situations. More importantly, students will become aware of and appreciate “cultural products, both tangible (tools, books, music) and intangible (laws, conventions institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products).” Students will explore language concepts through themes and meaningful contexts. Finally, teachers will “build content knowledge and sharpen critical-thinking skills by exposing students to authentic media (music, documentary films, radio, television), and encouraging them to interpret what they hear or see.” This AP-based curriculum, including the exclusive use of Spanish in the classroom as well as advanced concepts of grammar and communication, is used to prepare students for the AP Spanish Language and Culture Exam offered at the completion of the year. [Board Adopted 2002] [Board Revised 2005] [Board Revised 2012]
Duration: 1 Year
Graduation Code: EL

WLD840  Academy Chinese: Introduction Language & Culture*  
This course will introduce students to the beginning levels of Mandarin Chinese language. Students will develop listening, speaking, reading, and writing skills to obtain a basic communication competency in this course including such topics as greetings, time, family, weather, hobbies, traveling, and studying. The study of culture, customs and traditions will also be an important component. [Board Adopted 2008]
Duration: 1 Year
Graduation Code: EL

WLD850  Academy Intermediate Chinese: Language & Culture*  
This course will introduce students to the intermediate levels of Mandarin Chinese language. Students continue developing the essential language skills of listening, speaking, reading, and writing. The study of culture, customs and traditions will also be an important component. [Board Adopted 2008]
Duration: 1 Year
Graduation Code: EL

WLD860  Academy Advanced Chinese: Language & Culture*  
This course will continue to develop the essential language skills; listening, speaking, reading and writing. Students will continue to improve their communication competency and will focus on Pre-AP activities that will prepare them for the following year. The study of culture, customs and traditions will also be an integral component. [Board Adopted 2008]
Duration: 1 Year
Graduation Code: EL

IDS405  Academy Independent Research*  
This course will allow Academy students who are interested in specialized research the opportunity to work under the supervision of an Academy instructor. The student will select a research topic of interest to him or her and work both independently and during a period of the day to prepare for a final presentation. (May be repeated for credit) [Board Adopted 2002]
Duration: 1 Year
Graduation Code: EL

IDS415  Academy Seminar*  
A primary focus of the Seminar is the structure of knowledge. We plan to explore topics for discussion at the start of the term using a wide range of media. Seminar will offer participants opportunities to meet with University researchers and other community members to visit laboratories and centers of industry and to experience a variety of cultural and artistic events. Seminar will also serve as a place where students can learn more about themselves and their interests and pathways. Students will be asked to not only participate in classroom discussions, but make formal presentations as well. Under the supervision of the Seminar instructor throughout the year, students will complete a research project for presentation in the spring. (May be repeated for credit) [Board Adopted 2002]
Duration: 1 Year
Graduation Code: EL

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[Balics underline = Requires student IEP to earn NCAA core rank]
International Baccalaureate Program at Tempe High School

The International Baccalaureate (IB) is a challenging and internationally renowned college-prep program with a comprehensive and rigorous liberal arts curriculum, leading to examinations in the junior and senior years. The courses listed below are prerequisites completed during the Freshman and Sophomore years. Junior level classes will be offered at Tempe High School. For more information, please call Tempe High School at (480) 967-1661.

Preparatory Courses

Art

ART100  **Art and Design**  Credit: 1.0
Art and Design is not only for the aspiring young artist but also for the student who selects this course as a general interest class. Students are introduced to guidelines used in producing original artwork. Many art areas such as painting, drawing, sculpture, jewelry, fibers, ceramics, computer art and commercial art are explored. Students also participate in a variety of activities such as art exhibits, sales, and field trips. This course prepares students for study in commercial art, fine arts, art education, special and leisure time interests and other art related careers. [Board Adopted 1997]  
**Duration:** 1 Year  
**Graduation Code:** FA  
**Course Fee:** $30.00

English

ENG120  **Honors Freshman English**  Credit: 1.0
This course is designed to challenge academically those students who are able to work beyond the curriculum of regular Freshman English. This course includes a study of advanced grammar, basic composition, and a survey of world literature. [Board Adopted 1998]  
**Duration:** 1 Year  
**Graduation Code:** EF

ENG220  **Honors Sophomore English**  Credit: 1.0
This course is designed for those students who meet the general criteria for honors established by the District. In addition to refining students’ skills in composition, oral expression and literary analysis, this yearlong course will also explore such accelerated activities as debate, symposium, oral interpretation, techniques of persuasion, and application of mythology. Composition work will consist of advanced research with emphasis on various types of expository and creative writing. [Board Adopted 1998]  
**Duration:** 1 Year  
**Graduation Code:** ES

Mathematics

MAT110  **Honors Geometry**  Credit: 1.0
This course introduces the student to the deductive method of proof with the use of points, lines, and planes. Solid geometry is integrated with plane geometry to lead the student to consideration of two-and three-dimensional figures and to develop the ability to visualize space relationships. Other geometries and methods of proof will also be explored. Right triangle trigonometry will be included in this course. Opportunities for creative expression and enrichment will be provided. This course meets the state proficiency standards at the distinction level. [Board Adopted 2000] [Board Revised 2004]  
**Duration:** 1 Year  
**Graduation Code:** MA

MAT310  **Honors Algebra 2**  Credit: 1.0
This course in second year Algebra and Trigonometry is an extension of the topics covered in Algebra 1-2. The real and complex number systems, solutions of equations and inequalities, trigonometry, logarithms, and exponents are emphasized. The concepts of relations, and functions are explored thoroughly and used to unify the course material. Technology is used as a tool throughout the course to support and enhance learning. This course is highly recommended for the student who is interested in pursuing a career in mathematics, science, or engineering. Students successfully completing this course with a “B” or higher are prepared to take Honors Pre-Calculus the following year. [Board Adopted 2000] [Board Revised 2004]  
**Duration:** 1 Year  
**Graduation Code:** MA  
**Course Fee:** $30.00

Music

MUS220  **Concert String Orchestra**  Credit: 1.0
This course is designed for the intermediate string player who is interested in refining fundamental skills and gaining advanced training on any stringed instrument (violin, viola, cello, or string bass) and furthering an appreciation of music. The group is primarily but not exclusively a freshman organization. The orchestra will provide opportunities for public performance; however, the emphasis is on training and developing string-playing techniques. Practicing outside of school is required. A limited number of school instruments are available. (May be repeated for credit) [Board Adopted 1997]  
**Duration:** 1 Year  
**Graduation Code:** FA  
[Underline = NCAA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[Italics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
MUS320 Intermediate Band  Credit: 1.0
This course is designed to help students develop basic instrumental skills and an appreciation and understanding of music. This course is open to any students who would like to further their fundamental skills in musical performance. An audition is required. Required public performances will include Fall, Winter and Spring concerts and festivals. Instruments will be furnished as available. (May be repeated for credit) [Board Adopted 1997]
Duration: 1 Year
Graduation Code: FA

Science

SCI10 Honors Chemistry*  Credit: 1.0
Honors Chemistry is a lab-oriented course that covers the same topics as Chemistry 1-2. Emphasis is placed on a more in-depth study of chemical topics and involves a more rigorous and mathematically oriented study than Chemistry 1-2. Opportunities for individualization and creative expression will be provided. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: PS

SCI410 Honors Physics 1-2*  Credit: 1.0
A rigorous presentation of classical and modern physics covering topics such as kinematics, dynamics, electricity, optic, quantum theory, and relativity with emphasis on integration of algebra, geometry, and trigonometry. Individualized instruction through the use of research projects and computer experiences will be an integral part of this course. [Board Adopted]
Duration: 1 Year
Graduation Code: PS

Social Studies

SST310 Honors U.S./Arizona Government*  Credit: 0.5
Honors American Government is a one-semester credit class designed for those students who meet the general criteria for the gifted and the requirements established by the Social Studies Department. Successful completion of this class will satisfy the state mandated government requirement. The course is designed to provide the student with a basic knowledge of the purpose, structure and operation of the national and state governmental systems. Emphasis will be placed on individual research, group activities, and simulation activities. In addition, there will be considerable out-of-class work. [Board Adopted]
Duration: 1 Semester
Graduation Code: FE

SST350 Economics  Credit: 0.5
This course is designed to provide the student with a basic understanding of the important relationships of economics to our social and political problems. The course emphasizes the philosophy, development, and operation of our American economic system and its important influence upon the individual and society. [Board Adopted] [Board Revised 1996]
Duration: 1 Semester
Graduation Code: FE

World Languages

WLD100 Spanish 1-2  Credit: 1.0
This course introduces students to the basic communication skills: speaking, reading, writing and listening. Students also will be introduced to culture and history. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD115 Honors Spanish 3-4*  Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. **Honors classes will include more in-depth writing exercises and an introduction to short stories and poetry. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD200 French 1-2  Credit: 1.0
This course introduces students to the basic communication skills: speaking, reading, writing, and listening. Students also will be introduced to culture and history. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

WLD215 Honors French 3-4*  Credit: 1.0
The second year course emphasizes conversation, grammatical construction, writing, reading, listening and a more in-depth study of culture. **Honors classes will include more in-depth writing exercises and an introduction to short stories and poetry. [Board Adopted 1999]
Duration: 1 Year
Graduation Code: EL

* = Weighted rank status
[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[Italics underline = Requires student IEP to earn NCAA core rank]
**Electives**

**PDV480  IB MYP Service Learning**  
Credit: 1.0  
As part of the International Baccalaureate Middle Years Program (MYP), students are required to complete this course in addition to their other regular subject area studies. The course focuses on a student-centered practical exploration in which students consolidate their learning throughout the MYP program. It offers a unique, hands-on experience in service that leads to action and involvement along with a practical approach to problem solving. As part of the course students will participate in a sustained, self-directed inquiry within a global context while generating creative new insights as they develop deeper understandings through in-depth investigations. [Board Adopted 2019]  
*Duration: 1 Year*
*Graduation Code: EL*

**PDV490  IB CAS and Extended Essay**  
Credit: 1.0  
To earn the internationally recognized IB Diploma, students are required to complete three core elements that are external to their regular coursework within six subject groups. The first component is Creativity, Activity and Service (CAS) in which students develop skills, attitudes, and dispositions through a variety of individual and group experiences. The second is the Extended Essay, and in-depth individual research project in which students investigate a topic of special interest to them and which is also related to one of their six Diploma Program subjects. The third component, the Theory of Knowledge course, is completed as a stand-alone class. [Board Adopted 2019]  
*Duration: 1 Year*
*Graduation Code: EL*

**PDV500  IB Theory of Knowledge 1**  
Credit: 0.5  

**PDV510  IB Theory of Knowledge 2**  
Credit: 0.5  
The IB Theory of Knowledge 1 course will be taken during the spring semester of the student's Junior year and the IB Theory of Knowledge 2 course during the fall semester of the Senior year. The course and the successful completion of the Theory of Knowledge essay are requirements to be awarded an IB Diploma. The Theory of Knowledge course is designed to develop students' critical thinking skills necessary for a coherent understanding of themselves as learners (the knower), how we know, and the interdisciplinary nature of their learning across academic areas of knowledge. Theory of Knowledge also seeks to encourage the appreciation of other cultural perspectives. Theory of Knowledge asks students and teachers to consistently participate in conversations on the nature and processes of knowing and to reflect critically on the ways of knowing. Active listening and positive contributions in conversation are fundamental to the Theory of Knowledge course. Theory of Knowledge challenges students to question their knowledge of themselves and their world and to practice responsible ethical behaviors. [Board Adopted 2008] [Board Revised 2017]  
*Duration: 2 Semester*
*Graduation Code: EL*

**English**

**ENG345  IB Jr. English: Literature**  
Credit: 1.0  

**ENG355  IB Sr. English: Literature**  
Credit: 1.0  
The focus and purpose of the IB Jr. English: Literature course and IB Sr. English Literature course is to provide students with a wide variety of World and American literature, and challenging academic assignments to help them grow in both analytical skills and their own personal understanding and appreciation of other cultures. Literary selections include pieces from Africa, Europe, North America, Latin America, and Asia. Several themes in literature that have global significance will be studied, including conflicting social systems, the multiple views of justice, responsibility and the consequences of indecision, how we as humans relate to our environment, the consequences of materialism, and how we view our past. Specific aims and objectives include analyzing information and drawing balanced, well-supported conclusions that demonstrate both sensitivity and compassion toward a diverse set of international cultures, and an understanding of how these cultures contribute to a more complete global community. Students will rigorously practice analytical skills in forming their analysis of selected works and passages. They will cultivate a deep understanding of language by closely examining a variety of genres, and expressing their learning in written literary analysis and oral commentary. Each student will be expected to display integrity, fairness, and respect in their interaction with others, and in the completion of their assignments. They will be encouraged to take risks in their learning, explore new ideas, and to competently defend their well-rounded beliefs. [Board Adopted 2008] [Board Revised 2017]  
*Duration: 2 Years*
*Graduation Code: EJ, ER*

**Fine Arts**

**ART350  IB Visual Arts 1**  
Credit: 1.0  

**ART355  IB Visual Arts 2**  
Credit: 1.0  
IB Visual Arts is a disciplinary arts course where students study the techniques, processes, and styles of art. This course will develop the students' knowledge of the principles and elements of design, color theory, composition, and art as a communication tool. Students will acquire expertise, develop confidence and understand guidelines in producing original works of art while exploring visual arts media, such as drawing, painting, sculpture, ceramics, computer art, digital art and multimedia. The history of art, its influences on culture, time and place and the artistic process are also explored to advance individual investigation that informs the studio work. Students will be guided in developing their individual program of study to prepare their portfolios, exhibitions of their work, and candidate record booklet for IB assessment. Through the study of art, its processes, and its history, students will gain a broader perspective and understanding of the diversity, complexities, contributions, and spirit of mankind. (May be repeated for credit) [Board Adopted 2008] [Board Revised 2012] [Board Revised 2017]  
*Duration: 2 Years*
*Graduation Code: FA*

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*Underline = NCAA Approved Core Course*  
*[† = Course must be taken in conjunction w/another to meet Grad. Requirement]*  
*[italics underline = Requires student IEP to earn NCAA core rank]*  
* [* = Weighted rank status]
ART360  IB Visual Arts Higher Level*  
Credit: 1.0  
Visual Art Standard Level is a disciplinary arts course where students study the techniques, processes, and styles of art. This course will develop the students’ knowledge of the principles and elements of design, color theory, composition, and art as a communication tool. Students will acquire expertise, develop confidence and understand guidelines in producing original works of art while exploring visual arts media, such as drawing, painting, sculpture, ceramics, photography, computer art, digital art and multimedia. The history of art, its influences on culture, time and place and the artistic process are also explored to advance individual investigation that informs the studio work. Students will be guided in developing their individual program of study to prepare their portfolios, exhibitions of their work, and candidate record booklet for IB assessment. Through the study of art, its processes, and its history, students will gain a broader perspective and understanding of the diversity, complexities, contributions, and spirit of mankind. (May be repeated for credit) [Board Adopted 2008] 
*Duration: 1 Year  
**Graduation Code: FA**

ART450  IB Visual Arts Photography (Year 1)*  
Credit: 1.0  
IB Visual Art SL is a disciplinary arts course where students study the techniques, processes, and styles of art. This course will develop the students’ knowledge of the principles and elements of design, color theory, composition, and art as a communication tool. Students will acquire expertise, develop confidence and understand guidelines in producing original works of art, focusing on photography, digital art and multimedia. The history of art and photography, its influences on culture, time and place and the artistic process are also explored to advance individual investigation that informs the studio work. Students will be guided in developing their individual program of study to prepare their portfolios, exhibitions of their work, and candidate record booklet for IB assessment. Through the study of art and photography, their processes, and their history, students will gain a broader perspective and understanding of the diversity, complexities, contributions, and spirit of mankind. (May be repeated for credit) [Board Adopted 2008] [Board Revised 2012]  
*Duration: 2 Years  
**Graduation Code: FA**

MUS260  IB Music 1: Orchestra*  
Credit: 1.0  
This course is designed for students with a variety of music backgrounds in music performance, either as solo or group performers. The goal of the Tempe High School IB Music Program is to give students the opportunity to explore and enjoy the diversity of music throughout the world by enabling them to creatively develop their knowledge, abilities and understanding or music through analysis, performance and composition. Students will be expected to demonstrate their understanding of music by group or solo performance, by using appropriate musical language and terminology in analyzing musical works from many world cultures and periods, and also by exploring their own musical composition. External assessments of listening and musical investigation will constitute 50% of their grade. This course specifically addresses those students that play orchestral instruments. (May be repeated for credit) [Board Adopted 2008] [Board Revised 2012] [Board Revised 2017]  
*Duration: 2 Years  
**Graduation Code: EL**

MUS340  IB Music 1: Band*  
Credit: 1.0  
This course is designed for students with a variety of music backgrounds in music performance, either as solo or group performers. The goal of the Tempe High School IB Music Program is to give students the opportunity to explore and enjoy the diversity of music throughout the world by enabling them to creatively develop their knowledge, abilities and understanding or music through analysis, performance and composition. Students will be expected to demonstrate their understanding of music by group or solo performance, by using appropriate musical language and terminology in analyzing musical works from many world cultures and periods, and also by exploring their own musical composition. External assessments of listening and musical investigation will constitute 50% of their grade. This course specifically addresses those students that play orchestral instruments. (May be repeated for credit) [Board Adopted 2008] [Board Revised 2012] [Board Revised 2017]  
*Duration: 2 Years  
**Graduation Code: EL**

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[* = Weighted rank status]
Mathematics

MAT700  **IB Math Studies Standard Level (Year 1)**  
Credit: 1.0  
Mathematics Studies is a two-year course designed to enhance the student’s facility with mathematical processes, in preparation for high-level coursework. This course is targeted to the student who intends to go on to college, but who will not necessarily major in math. The course emphasizes problem solving in the context of real-world applications and technologies and will utilize appropriate technology such as graphing calculators and computer programs. The first year of Math Studies will cover topics normally covered in an Algebra 3-4 course, such as number theory, linear algebra, the financial mathematics, including interest calculations, probability, and functions, including trigonometry. [Board Adopted 2012]  
*Duration: 1 Year  
Graduation Code: MA

MAT710  **IB Math Studies**  
Credit: 1.0  
Mathematics Studies is designed to enhance the student’s facility with mathematical processes, in preparation for high-level coursework. This course is targeted to the student who intends to go on to college, but who will not necessarily major in math. The course emphasizes problem solving in the context of real-world applications and technologies and will utilize appropriate technology such as graphing calculators and computer programs. Math Studies will continue the study of functions with quadratic, exponential, cubic, hyperbolic and higher order functions, set theory and logic, descriptive and two-variable statistics, and an introduction to calculus. [Board Adopted 2012] [Board Revised 2017]  
*Duration: 1 Year  
Graduation Code: MA

MAT720  **IB Pre-Calculus**  
Credit: 1.0  
The course covers the subject from a review of Algebra, work in trigonometry, matrices, and vectors to developing mathematical knowledge, concepts and principles. All units are completed with an eye toward awareness of the international community by taking real life problems from around the world. Proper mathematical communication techniques will be stressed by the use of technology and written and portfolio assignments. [Board Adopted 2008] [Board Revised 2017]  
*Duration: 1 Year  
Graduation Code: MA

MAT740  **IB Statistics and Calculus**  
Credit: 1.0  
The course covers probability and statistics as well as differential and integral calculus, to developing mathematical knowledge, concepts and principles. All units are completed with an eye toward awareness of the international community by taking real life problems from around the world. Proper mathematical communication techniques will be stressed by the use of technology and written and portfolio assignments. [Board Adopted 2008] [Board Revised 2017]  
*Duration: 1 Year  
Graduation Code: MA

MAT730  **IB Mathematics Higher Level**  
Credit: 2.0  
This course is designed for the most successful mathematics students who either have a genuine interest in mathematics and enjoy meeting its challenges and problems, or need such mathematics for further studies or related subjects such as physics, engineering, and technology at the university level. Students will study a wide range of complex topics in depth, including vectors, matrices, coordinate geometry, trigonometry, probability, statistics, differential and integral calculus, abstract algebra, and review for the IB exam. [Board Adopted 2011]  
*Duration: 2 Years  
Graduation Code: MA

Science

SCI700  **IB Biology 1**  
Credit: 1.0  
The IB Biology course strives to develop in its learners a natural curiosity of the world around them. The course will require the use of higher level thinking skills in order to solve problems that pertain not only to specific biological issues, but how these issues affect society as a whole. Learners will explore various biological concepts that are relative to their lives and will require thinking outside the individual’s own realm. Students will be challenged to think from others’ perspectives and be open to express new ideas that come to mind. Learning through inquire is an important focus of the IB Biology course. The objectives of the learners will be to understand a breadth of major biological concepts with an emphasis in evolution and ecology. Students should develop an appreciation of the world around them by developing an ultimate understanding of human evolution and how that evolution developed culture. Students will understand how the human species has impacted the environment in the short amount of time that we have lived on this planet. Assessment will take place at the end of each unit through projects and testing. A comprehensive final exam will be given at the end of each semester (twice a year). This is a two-year program to include first SCI700 and then SCI705 the following year. [Board Adopted 2008] [Board Revised 2017]  
*Duration: 2 Years  
Graduation Code: LS

SCI705  **IB Biology 2**  
Credit: 1.0  

[Underline = NCA Approved Core Course]  
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[* = Weighted rank status]
SCI710  IB Chemistry 1*  Credit: 1.0
IB Chemistry 1 is designed to expand on the knowledge and experimental skills obtained in science courses taken prior and to prepare the student for further study of pure and applied sciences in high education. It will also help the student to develop the ability to analyze scientific literature critically and to develop manipulative and experimental skills necessary to perform college level scientific investigations. Topics include quantitative chemistry, atomic structure, periodicity, bonding, energetic, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. The IB internal assessment for this course includes formal lab reports, informal lab notebook excerpts, and participation in the IB Group 4 Project. There is also an external assessment of a 3 hour IB exam at the conclusion of the course. [Board Adopted 2010] [Board Revised 2017]

Duration: 1 Year
Graduation Code: PS

SCI720  IB Chemistry 2*  Credit: 1.0
Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. Chemical principles underpin both the physical environment in which we live and all biological systems. Chemistry is often a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science. Both theory and practical work will be undertaken by all students as they complement one another naturally, both in school and in the wider scientific community. This chemistry course allows students to develop a wide range of practical skills and to increase facility in the use of mathematics. It also allows students to develop interpersonal and information technology skills, which are essential to life in the 21st century. [Board Adopted 2015] [Board Revised 2017]

Duration: 1 Year
Graduation Code: PS

SCI733  IB Physics 1*  Credit: 1.0
Physics is the most fundamental of the experimental sciences, as it seeks to explain the universe itself, from the very small particles to the vast distances between galaxies. Despite the exciting and extraordinary development of ideas throughout the history of physics, observations remain essential to the very core of the subject. Models are developed to try to understand observations, and these themselves can become theories that attempt to explain the observations. The IB Physics Year 1 course emphasizes a combination of theoretical and practical approaches through experimental work that characterized the subject. The content includes several areas of a traditional physics course including mechanics, circular motion, electricity, magnetism, and waves. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. [Board Adopted 2019]

Duration: 1 Year
Graduation Code: PS

SCI735  IB Physics 2*  Credit: 1.0
IB Physics Year 2 is a progression form IB Physics Year 1 and seeks to continue developing a deeper understanding of the natural world through the addition of higher level topics. The course sequence includes topics from the thermal physics, to energy production, and on the quantum and nuclear physics. Both theory and practical work will be undertaken by all students as they complement one another naturally. Students will continue to develop a wide range of practical skills and increase their facility in mathematics. The course also contains a large focus on engineering physics for those students interested in pursuing STEM fields at the college level. Students will continue to develop the interpersonal and information technology skills, essential to college and career readiness. [Board Adopted 2019]

Duration: 1 Year
Graduation Code: PS

SCI740  IB Computer Science 1*  Credit: 1.0
IB Computer Science consists of several themes. These include systems fundamentals, computer organization. Networks, computational thinking, problem-solving, and programming. In addition, the course may include databases, modeling and simulation, web science, and object-oriented programming. One piece of internally assessed work will include computational solution. The themes will be based on real world problems that are relevant and contemporary, and they will provide students the opportunity to integrate their own experiences within an inquiry-based approach. [Board Adopted 2018]

Duration: 1 Year
Graduation Code: PS

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[* = Weighted rank status]
Social Studies

SST650  IB History 1: The Americas* Credit: 1.0
The Americas is a demanding introduction to U.S. Latin American, and Canadian History. The purpose of this course is to provide students with an in-depth and comprehensive understanding of the historical development of the Americas. The course will promote a culture of international-mindedness, in which students will analyze historical events from multiple points of view. For example, American intervention in Latin America in the 19th and 20th centuries will be examined, in depth. In addition to analyzing the reasons behind America’s intervention, the intervention from the Latin American perspective, discussing its impact on the regions, politics, economics, and society will also be studied. This is the first of a two-year course. Students who enroll in this course during the junior year will also be enrolled in World Topics IB course during the senior year. Registration for the IB exam in this course requires two years of coursework. [Board Adopted 2008] [Board Revised 2017]

Duration: 1 Year
Graduation Code: AA

SST660  IB History 2: World Topics* Credit: 1.0
World Topics focuses on in-depth studies of selected historical topics and subjects of 20th Century history, including the Arab-Israeli Conflict, Communism, nationalist and independence movements in Africa and Asia and post-1945 Central and Eastern European states, and the Cold War. For example, the study of Vietnam will be in-depth and multi-faceted. The initial study of the conflict will focus on the French perspective: why France sought to return to Indochina as a colonial power. The rise of Vietnamese nationalism and independence under Ho Chi Minh will also be considered. Finally, America’s ever-increasing involvement in Vietnam, eventually culminating in a long, costly war will be examined. The point is move beyond the American perspective; the goal is to study this complex conflict from the perspective of all of the participants – American, French, and Vietnamese. This is the second of a two-year course. Students who enroll in The Americas IB course during the junior year will also be enrolled in this course during the senior year. Registration for the IB exam in this course requires two years of coursework. [Board Adopted 2008] [Board Revised 2017]

Duration: 1 Year
Graduation Code: HG

World Languages

WLD700  IB Spanish B, Standard Level* Credit: 2.0
This course focuses on the continued acquisition and development of the Spanish Language through equal emphasis on the skills of listening, speaking, reading and writing. The study of geography; history and civilization; art, architecture and painting; music and literature will reflect the themes of change, groups and leisure. Authentic texts, audio and video recordings will be used. The course will help students develop the ability to communicate accurately and effectively both orally and in writing within a range of contexts as well as the ability to understand and respond to the language demands of transactional and social contacts. Students will be provided with a sound linguistic base for further study in order to become life-long language learners. Furthermore, students will gain insights into the culture of the countries where Spanish is spoken along with an understanding of the role Spanish-speaking countries have in globalization. This course will prepare students for the Standard Level of the International Baccalaureate Spanish examination. Some of the more advanced students will be prepared for the Higher Level of the International Baccalaureate Spanish examination. This is a two-year course. Students who enroll in this course during the junior year will also be enrolled in this course during the senior year. Registration for the IB exam in this course requires two years of coursework. [Board Adopted 2008]

Duration: 2 Years
Graduation Code: EL

WLD710  IB Spanish 1*
WLD770  IB Spanish 2*

These courses focus on the continued acquisition and development of the Spanish Language through equal emphasis on the skills of listening, speaking, reading and writing. The study of geography; history and civilization; art, architecture and painting; music and literature will reflect the themes of change, groups and leisure. Authentic texts, audio and video recordings will be used. The course will help students develop the ability to communicate accurately and effectively both orally and in writing within a range of contexts as well as the ability to understand and respond to the language demands of transactional and social contacts. Students will be provided with a sound linguistic base for further study in order to become life-long language learners. Furthermore, students will gain insights into the culture of the countries where Spanish is spoken along with an understanding of the role Spanish-speaking countries have in globalization. This course will prepare students for the Standard Level of the International Baccalaureate Spanish examination. Some of the more advanced students will be prepared for the Higher Level of the International Baccalaureate Spanish examination. This is a two year course sequence beginning with WLD710 and followed by WLD770. [Board Adopted 2008] [Board Revised 2017]

Duration: 2 Years
Graduation Code: EL

WLD720  IB French B Standard Level* Credit: 2.0
In this course students demonstrate increased proficiency in the foreign language through the development of listening, speaking, reading, and writing skills. Research and discussion will be included to improve student accuracy and fluency in the language. The foreign language is used exclusively as the vehicle for communication. Relevant culture, grammar, and syntax are presented through the study of themes and both teacher-prepared and authentic materials. Students must maintain a portfolio of written work and produce audiocassette tapings throughout the course. Both written and oral assessments are required. IB monitoring of student work begins at this level of study for juniors using portfolio and audiocassette samples. Summer assignments may be required. This is a two-year course. Students who enroll in this course during the junior year will also be enrolled in this course during the senior year. Registration for the IB exam in this course requires two years of coursework. [Board Adopted 2008]

Duration: 2 Years
Graduation Code: EL

[Underline = NCAA Approved Core Course]
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WLD730  IB French B Higher Level*  Credit: 2.0
In this course students demonstrate increased proficiency in the foreign language through the development of listening, speaking, reading, and writing skills. Research and discussion will be included to improve student accuracy and fluency in the language. The foreign language is used exclusively as the vehicle for communication. Relevant culture, grammar, and syntax are presented through the study of themes and both teacher-prepared and authentic materials. Students must maintain a portfolio of written work and produce audiostream tapeings throughout the course. Both written and oral assessments are required. IB monitoring of student work begins at this level of study for juniors using portfolio and audiostream samples. Summer assignments may be required. This is a two-year course. Students who enroll in this course during the junior year will also be enrolled in this course during the senior year. Registration for the IB exam in this course requires two years of coursework. [Board Adopted 2008]

Duration: 2 Years
Graduation Code: EL

WLD740  IB Mandarin 1*  Credit: 1.0
WLD750  IB Mandarin 2*  Credit: 1.0
The IB Mandarin course is organized into three themes: Individual and society, leisure and work, urban and rural environment. Each theme has a list of topics that provide the students with opportunities to practice and explore the language as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations. [Board Adopted 2014] [Board Revised 2017]

Duration: 2 Years
Graduation Code: EL
2020-2021
EVIT Program
East Valley Institute of Technology
Frequently Asked Questions

What is EVIT?
The East Valley Institute of Technology (EVIT) is a public career and technical education school providing more than 40 occupational training programs tuition-free to district, charter school and home-schooled high school students who reside within the boundaries of 11 East Valley school districts - Apache Junction, Chandler, Fountain Hills, Gilbert, Mesa, Queen Creek, Scottsdale, Tempe, Higley, Cave Creek and J.O. Combs. Classes are offered at two centralized campuses in Mesa - the Dr. A. Keith Crandell (Main) Campus, 1601 W. Main St., the East Campus, 6625 S. Power Road, the Fountain Hills Campus, 17,300 E. Calaveras Ave., and at Apache Junction High School. Students spend a half-day at EVIT and the other half-day at their home high school. School districts provide bus transportation for their students to and from EVIT for most programs. Students must be at least 16 years old. Tuition-based programs for adults are also offered, with financial aid available.

EVIT’s Mission
To provide students a career and college preparatory training experience that produces a qualified workforce, meeting the market-driven needs of business and industry.

EVIT’s Vision
Students successfully complete their EVIT experience with industry credentials, college credit and hands-on training, allowing them to become competitive in the global workforce.

EVIT’s Purpose
To change students’ lives by loving our students and serving our communities. To empower and encourage our students to become productive and passionate about their future career and educational goals.

Business/Industry and College Articulation
EVIT offers many school-to-work options with participating businesses, including manufacturing, automobile dealerships, hospitals and many others. Advanced students may have opportunities in industry and community colleges in the form of job placement, apprenticeships, internships, cooperative education and college credit articulation.

Career & Technical Student Organizations
All EVIT students participate in a Career & Technical Student Organization. Membership in state and national clubs is encouraged:

- SkillsUSA: Technical, skilled, and service careers
- FCCLA: Family, Career, and Community Leaders of America
- HOSA: Future health Professionals
- C-CAP: Careers in Culinary Arts Program
- ERA: Educators Rising Arizona
- FBLA: Future Business Leader of America
When do students register?
Students are encouraged to apply for EVIT programs during the spring semester prior to classes that begin in August, but registration for classes is ongoing. EVIT registration opportunities are offered during regular high school registration, any time through the home high school at EVIT Locations or on EVIT.com. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For more information, call 480-461-4000 or visit EVIT.com. **EVIT will be moving to an online only model this school year. Paper application will still be accepted but we encourage students to use our online portal. (available November 4, 2019)**

What is needed to register?
Students will need a copy of their transcript, the results of a recognized standardized test such as the Stanford 10 or AIMS/AZMerit if the student does not meet minimum program GPA requirements, and attendance and discipline records or a completed Attendance and Discipline Scoring Rubric.

How many credits can be earned?
A student can earn 3-4 credits per year at EVIT applicable toward graduation requirements in their home district. Students who miss ten (10) days or more during a semester and are unable to make up those days will receive a grade of "Audit" for the semester. Students who fulfill the graduation requirements from their home district earn a diploma from their home high school. Community college articulation and/or dual enrollment credit is in place for high school students in designated courses.

Do the credits from EVIT just count as electives?
Generally, credits earned at EVIT fulfill only elective credit requirements for graduation. Human Anatomy and Physiology for Medical Careers (MC10) counts as a lab science, having been approved by the Arizona Board of Regents and the home high school districts as what is called an “embedded credit.” It is recognized and accepted at all Arizona universities as part of the entrance requirements. For the year-long course, students earn one (1) lab science credit and two (2) elective credits for a total of three (3) credits. EVIT staff are working to get other EVIT program courses recognized as fulfilling core academic graduation requirements.

What time are classes?
Classes meet Monday through Friday from 8:05 to 10:35 a.m. or 12:05 to 2:35 p.m. Students have the option of attending the AM or PM session. They attend their home school during the other portion of the day. The class times for some programs, such as Cosmetology, may be extended to meet state certification requirements.

Are there fees?
EVIT is tuition-free for high school students. Class fees vary by program and are based on the cost of required tools, supplies/materials, certification/licensure exams and career and technical student organization (CTSO) membership.

Are classes at EVIT offered to adults?
Classes are available and open to adult students during the daytime, as space permits, and in the evening for some courses. Tuition is charged for adult students. For more information about programs for adult students, please contact the EVIT Adult Education Center at (480) 461-4108 or (480) 461-4025 or visit www.evit.com/adulted.
### EVIT High School Programs by Campus

*Note: Program offerings are subject to change or adjustment based on variety of factors, including student enrollment.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Program Name</th>
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<th>East</th>
<th>A.J.</th>
<th>F.H.</th>
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<td>Networking / Cyber Security*</td>
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<td>X</td>
<td>X</td>
<td></td>
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<tr>
<td>IT13/40/45</td>
<td>Coding and Mobile App Design</td>
<td>X</td>
<td></td>
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<tr>
<td>AB10/30/35</td>
<td>Collision Repair</td>
<td></td>
<td>X</td>
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<tr>
<td>CU20/25/26</td>
<td>Commercial Baking and Pastry Arts</td>
<td>X</td>
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<tr>
<td>CT10/20/25</td>
<td>Construction</td>
<td>X</td>
<td>X</td>
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<tr>
<td>CS10/20/31</td>
<td>Cosmetology</td>
<td>X</td>
<td>X</td>
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<tr>
<td>LE10/20/25</td>
<td>Criminal Justice</td>
<td>X</td>
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<tr>
<td>CU10/20/25</td>
<td>Culinary Arts</td>
<td>X</td>
<td>X</td>
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<tr>
<td>MC60/61</td>
<td>Dental Assisting*</td>
<td></td>
<td></td>
<td>X</td>
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<tr>
<td>AM63/68/69/70</td>
<td>Diesel Technologies</td>
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<td>X</td>
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<tr>
<td>IT11/30/35</td>
<td>Digital Device Diagnostic and Repair</td>
<td>X</td>
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<tr>
<td>CC10/20/25</td>
<td>Early Childhood Education</td>
<td>X</td>
<td>X</td>
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<tr>
<td>MC55/56</td>
<td>Emergency Medical Technician*</td>
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<tr>
<td>FIT11/13/25</td>
<td>Fashion Design and Merchandising</td>
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<tr>
<td>FF10/20/21/22/25</td>
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<tr>
<td>IT60/61/62/63</td>
<td>Future Engineers</td>
<td>X</td>
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<tr>
<td>MM30/35/40</td>
<td>Graphic/Web Design</td>
<td>X</td>
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<tr>
<td>AC10/20/25</td>
<td>Heating, Ventilation and Air Conditioning (HVAC)</td>
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<td>MC77/78</td>
<td>Home Health Aide*</td>
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<tr>
<td>HM10/20/25</td>
<td>Hospitality Management</td>
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<tr>
<td>MC10</td>
<td>Human Anatomy &amp; Physiology for Medical Careers</td>
<td>X</td>
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<tr>
<td>FIT12/14/35</td>
<td>Interior Design &amp; Merchandising</td>
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<tr>
<td>MT10/20/30/35</td>
<td>Machining Technology</td>
<td>X</td>
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<tr>
<td>MA05/06/10/20</td>
<td>Massage Therapy</td>
<td>X</td>
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<tr>
<td>MC20/21/22/23</td>
<td>Medical Assistant*</td>
<td>X</td>
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<tr>
<td>MC30/31</td>
<td>Nursing Assistant*</td>
<td>X</td>
<td>X</td>
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<tr>
<td>MC57/58</td>
<td>Occupational Therapy Assistant*</td>
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<tr>
<td>MC43/63</td>
<td>Pharmacy Technician*</td>
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<td>MM02</td>
<td>Digital Photography*</td>
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<tr>
<td>MC45/46</td>
<td>Physical Therapy Technician*</td>
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<tr>
<td>PLB10/20/22</td>
<td>Plumbing</td>
<td>X</td>
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<tr>
<td>RB10/20/30</td>
<td>Radio/Audio Production</td>
<td>X</td>
<td></td>
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<tr>
<td>MC44/64</td>
<td>Veterinary Assistant*</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
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<tr>
<td>TV10/20/30</td>
<td>Video Production</td>
<td>X</td>
<td>X</td>
<td></td>
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<tr>
<td>WD10/20/25</td>
<td>Welding</td>
<td>X</td>
<td>X</td>
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</tbody>
</table>

*These are second-year courses. Please see pre-requisites.*
EVIT Registration and Counseling Department

Registrar-Andrea Macias
Main Campus: 480-461-4109 amacias@evit.com
High School & Adult
Course Scheduling, Grades, Transcripts, Data Collection & Management, Bi-Lingual Services

High School Counselor-Joyce Eagar-Lemons
Main Campus: 480-461-4159 jeagar-lemons@evit.com
Special Projects: Crisis, Reporting
Programs: Criminal Justice, Culinary/Baking, Fire, all Health-related programs, Fashion Interior Design, Banking, Early Childhood Education

High School Counselor-Jacob Hansen
Main Campus: 480-461-4161 jhansen@evit.com
Special Projects: McKinney-Vento, Keys, GED
Programs: 3D Animation, Graphic Design/Photo, Radio, Video, Automotive, Collision & Diesel, HVAC, Machining, Plumbing, Construction, Welding, Cosmo/Barbering, iTEC (coding, cyber, networking, computer maintenance & repair)

High School Counselor-David Pullman
East Campus: 480-308-4607 dpullman@evit.com
Special Projects: Dual Enrollment
Programs: Everything East (All programs at East Campus)

STEPS - Special Education & IEP/504 Coordinator-Tony Niccum
Main & East Campus: 480-461-4154 tniccum@evit.com
Special Projects: Keys to Success Foster Program, Behavioral Health, Social Services

Special Education Administrative Assistant-Anita Aguinaga
Main Campus: 480-461-4155 aaguinaga@evit.com
Special Projects: IEP/504 Accommodations Coordinator & Services

EVIT Recruitment Team

James Brady, High School Recruiter
Fountain Hills Campus: 480-835-3115 • jbrady@evit.com
Schools: Cactus Shadows, East Valley Academy, Fountain Hills, Desert Mountain, Chaparral, Saguaro, Coronado, Arcadia, Westwood, Mountain View, Red Mountain.

James Martinez, High School Recruiter
East Campus: 480-308-4614 • jmartinez@evit.com

Cassi Perez, High School Recruiter
Main Campus: 480-461-4162 • cperez@evit.com
Schools: Tempe, McClintock, Marcos de Niza, Corona del Sol, Desert Vista, Mountain Pointe, Compadre, Dobson, Mesquite, Chandler, Hamilton, Mesa, Highland, and Gilbert.
High School Counselor Steps to Register a Student for EVIT

1. Students should familiarize themselves with the curriculum and requirements for their program of choice. This can be done through the EVIT website or through this guide.

2. Students should be on track with credits to graduate and plan to dedicate at least three hours in their daily schedule to attend EVIT.

   Morning session: 8:05 to 10:35 a.m.
   Afternoon session: 12:05 to 2:35 p.m.

   Please note: Cosmetology, Aesthetics, Barbering, 1 year Massage Therapy, & 1 year Medical Assistant have extended hours and meet from 7 a.m. to 11 a.m. or 12 p.m. to 4 p.m. Students may have to provide their own transportation for these programs.

3. Students should be informed of the date EVIT counselors will visit their campus.

4. Students should have the following documents in hand when meeting with EVIT counselors:

   - EVIT enrollment application with required signatures (high school counselor, parent)** EVIT will be moving to an online only model this school year. Paper application will still be accepted but we encourage students to use our online portal. (available November 4, 2019)
   - Unofficial transcript
   - AZMerit or other standardized test scores (If GPA is below program minimum)
   - Attendance record (or rubric completed by home high school counselor)
   - Discipline record (or rubric completed by home high school counselor)
   - Proof of age (may be on transcript)
   - Immunization records
Returning EVIT Students
Students who are returning for a second year will not need to re-apply, but must complete a Returning Student Form through EVIT Admissions to reserve a slot for their program of choice. Students requesting to return for a new program, different from the one they completed, will need to submit an updated transcript along with their Returning Student Form. High School Counselors may contact the EVIT Registrar at the end of May for a tentative enrollment list of their students. Please note that new and returning student enrollments are subject to change depending on course enrollment totals.

Walk-In Registration
EVIT’s Admissions Department is centrally located at the Dr. A. Keith Crandell - Main Campus 1601 W. Main Street, Mesa. Office hours are 7:30 a.m. to 4 p.m., Monday through Friday during the school year with Summer Hours 7:30 a.m. to 4:00 p.m., Monday through Thursday. It is recommended that students/parents requiring specialized advisement to call ahead at 480-461-4000.

Walk-In Registration is always welcome, but please advise your students that they will need to hand carry all required documents for their application to be reviewed by EVIT Admissions. Upon review, if the student meets the criteria for their program of choice, and is approved by a EVIT, then the student will be accepted for enrollment. It is the student/parent responsibility to coordinate their schedules with their respective High School Counselor.

Students must contact EVIT Admissions for verification of approved enrollment if they submit an application after July 1st. Phone calls to 480-461-4108 or 4110 will ensure a timely response. Be advised: EVIT is moving to an online registration system. Please visit EVIT.com click on ENROLL. This system will be up and running by November 4, 2019.

PLEASE NOTE: Any student interested in programs at EVIT may submit an application for consideration. EVIT does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. EVIT has a policy of non-retaliation against any person who makes a complaint, testifies or participates in an investigation or civil rights proceeding regarding prohibited discrimination. EVIT will not request or consider IEPs, 504 Plans or other disability-related information in its admissions process. For “Seniors only” courses, students must have a grade 12 equivalent in academic credits.
Welding Technologies

WD10  Welding I  1 Semester
Get fired up about a career in welding. Sequenced in accordance with the American Welding Society’s (AWS) S.E.N.S.E school requirements. Welding 1 covers safety equipment, protective clothing, and procedures applicable to the cutting and welding of metals. With hands on in learning Oxyfuel Cutting as students will perform cutting techniques that include straight line, piercing, bevels, washing, and gouging. Plasma Arc Cutting; Covers plasma-arc cutting methods for piercing, slotting, squaring, and beveling metals. SMAW – Equipment and Setup, SMAW Electrodes, SMAW – Beads and Fillet Welds showing how to make stringer, weave, overlapping beads, and fillet welds. SMAW – Groove Welds with Backing introducing procedures for making flat, horizontal, vertical, and overhead groove welds. SMAW – Open-Root Groove Welds showing techniques required to produce various open V-groove welds. We also teach how to clean and prepare all types of base metals for cutting or welding, all while identifying the codes that govern welding.

Pre-Requisites:  At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores

WD20  Welding II  1 Semester
Students learn how to read welding symbols on drawings, specifications, and Welding Procedure Specifications (WPS). Identifies and explains welding detail drawings. Describes lines, fills, object views, and dimensioning on drawings. Explains how to use notes on drawings and the bill of materials. Explains how to sketch and draw basic welding drawings. Identifies the various standard metal forms and structural shapes. Shows how to extract metal information from Welding Procedure Specification (WPS) sheets and Procedure Qualification Records (PQRs). Explains preheating, interpass temperature control, and post heating procedures that sometimes need to be done to preserve weldment strength, ductility, and weld quality. Covers the setup of GTAW equipment. GTAW fillet welds on carbon steel plate coupons in the 1F, 2F, 3F, and 4F positions, and how to make GTAW V-groove welds in the 1G, 2G, 3G, and 4G positions. Explains how to set up SMAW equipment for open-root V-groove welds, and explains how to prepare for and make open-root V-groove welds on carbon steel pipe. Describes general safety procedures for GMAW and FCAW. Identifies GMAW and FCAW equipment and explains the filler metals and shielding gases used to perform GMAW and FCAW.

Pre-Requisites:  WD10

WD25  Welding III  2 Semesters

Pre-Requisites:  WD10, WD20
3D Animation

DA10 3D Animation I 1 Semester
This course will introduce students to a range of skills and techniques used in the 3D animation and game art, focusing on creating finished, high-quality sequences for use in markets such as previsualization, film and broadcasting and video games. The course will cover technical processes of using the software and creative experimentation with the computer as the primary tool.
During this section the student will gain essential traditional art skills as well as basic knowledge of modeling, texturing, lighting, animation, virtual cinematography, and rendering. The first 4-6 weeks will be dedicated to drawing and the elements and principles of art as well as basic skills in Photoshop. Projects will be completed both digitally and on paper. Students will then move on to creating in the 3D environment. Students will complete tutorials that will introduce techniques in each area of the production pipeline before creating their own projects.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit
2.0 GPA or equivalent standardized test scores

DA20 3D Animation II 1 Semester
This course will introduce students to all aspects of character creation and animation in the 3D environment. Students will build characters, texture, rig and animate them and make them walk, talk, and dance. Students will complete tutorials that will introduce techniques in each area of the production pipeline before creating their own projects.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: DA10

DA30 3D Animation III 2 Semesters
During the first half of this section, students will expand on their previous knowledge of modeling, texturing, lighting, rendering, and character design and animation, as well as creating believable motion and establishing mood in a scene. Students will also learn digital sculpting and 3D printing, anatomy for characters and environment art. Students will complete tutorials that will introduce techniques in each area of the production pipeline before creating their own projects.
The second half of the course students will learn compositing and editing techniques, and create visual effects using dynamic simulations. Students will also study animation history as well as professional practices and digital portfolio creation projects.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: DA10 & DA20
## Digital Photography

**MM02 Digital Photography I (FH Campus)**  
2 Semesters  
Photography 1 is a program that prepares students interested in starting their own photography business or pursuing a career in a digital photography related field. Students will be challenged to utilize the latest digital photographic cameras and manipulate light, shadow, and surrounding objects to capture images. Students use Adobe Lightroom, Adobe Photoshop, and Adobe Illustrator to manipulate the images in unique and creative formats. Students work both individually and in teams to create layouts, portfolios, projects, etc. Students can receive their Adobe Certified Associate (ACA) in Photoshop.

**Pre-Requisites:**  
- At least 6 high school credits, including 1 Math & 1 English credit: all 'C' or better  
- 2.0 GPA or equivalent standardized test scores

**MM03 Digital Photography II (FH Campus)**  
2 Semesters  
This is a project-intense course that builds upon the knowledge and skills gained in Photography 1. New concepts of lighting, color, composition and design will be applied to such fields as portraiture, photojournalism, still life product shooting and graphic design. Lighting techniques are taught in detail including studio electronic flash lighting, color gels, and continuous lighting. The working methods of the professional photographer are explored in preparation for real world applications.

**Pre-Requisites:**  
- MM02

## Graphic/Web Design

**MM30 Graphic/Web Design I**  
1 Semester  
This course will prepare students interested in pursuing graphic/web design and digital photography through multimedia related fields. Students will be challenged to learn the graphic design principles; line, shape, pattern, form and color theory. As well as, typography, digital photography, digital Pre-Press, and 2D animation. Students will use Adobe Illustrator, Lightroom, Photoshop, Animate, InDesign and DSLR Cameras to manipulate images in unique and creative formats and develop commercial art-related specification sheets for assignments, social media applications and client-based projects.

*Please note: Dual enrollment for college credits is available.*

**Pre-Requisites:**  
- At least 6 high school credits, including 1 Math & 1 English credit: all 'C' or better  
- 2.0 GPA or equivalent standardized test scores

**MM35 Graphic/Web Design II**  
1 Semester  
This course will prepare students by learning traditional coding in HTML, CSS, Java scripting and the basics of the Internet as it pertains to visual communications and web page design. Web optimization and web page marketing techniques will be shared, along with Adobe Dreamweaver and third party drop and drag web based software for developing successful web construction. Students work individually and in teams to learn how to build digital portfolios and resumes for real-world application. Students may also be eligible for an in-class internship with EVIT’s Digital Print Studio.

*Please note: Dual enrollment for college credits is available.*

**Pre-Requisites:**  
- MM30
MM40 Graphic/Web Design III 2 Semesters

This program will build the students’ intermediate and professional skills in the visual communication and media marketing industries. Through a hands-on approach and real-world client-based projects, students will be working on advanced assignments, client projects, and industry techniques. As well as, using conceptualization, time management, and various industry standards to strengthen their knowledge for the industry workplace. Students will use their prior knowledge from Multimedia to develop and create super compositions that are ready for the final stage of presentation via critiques and client review.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: MM30 & MM35

Radio/Audio Production

RB10 Radio/Audio Production I 1 Semester

EVIT’s Radio/Audio Production program is home to KPNG, 88.7 FM, The Pulse & KVIT, 90.7 FM, Neon Radio, two fully functioning non-commercial radio stations, as well as a state-of-the-art digital recording studio. Both radio stations feature long and short form student-produced programming and commercial-free music. The students also work on the stations’ websites, develop apps, apply social media, and assist with market research. Students also have the option to focus on sports broadcasting, as EVIT Radio airs high school football, basketball, and baseball/softball games during the school year all throughout the East Valley. Students can train to be play-by-play announcers, analysts, and even on-site live sound engineers. This course introduces students to commercial & promo production, music production, Pro Tools editing software, news & sports writing, radio show preparation, and marketing/promotions.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: At least 6 high school credits, including 1 English credit: ‘C’ or better
2.0 GPA or equivalent standardized test scores

RB20 Radio/Audio Production II 1 Semester

This course focuses on advanced studies of audio/music production, Pro Tools, news & sports broadcasting, and radio show production. It also introduces students to music business, while also covering career preparation and PSA production. Additional digital editing software is also utilized, including Logic & FL Studio. Students also study and test for their Radio Operators Certification, endorsed by the Society of Broadcast Engineers.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: RB10

RB 30 Radio/Audio Production III 2 Semesters

This course provides students with the opportunity to act as staff members of the radio stations, including filling student director positions that mirror those of the professional radio industry. Students can also choose to host a regularly scheduled on-air radio show or hone their sports broadcasting skills by calling high school sporting events throughout the school year. The course also allows students to branch off into specific areas of audio and music production, including conducting a studio session with bands, creating music in digital editing software, and producing most of the audio that is utilized on the two radio stations. RB30 also includes advanced studies in music business and live sound, and provides opportunities for students to serve as on-site live sound engineers during the sports broadcasts. Students who successfully complete this course may receive a state CTE certification in Music/Audio Production.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: RB10 & RB20
## Video Production

**TV10 Video Production I**  
1 Semester  
The EVIT Video Production Program is where students can develop an understanding of the production and development of video and film. Students are instructed in camera, lighting, and sound, as well as pre-production and scheduling. Students will receive considerable training and experience in non-linear editing primarily using Adobe Premiere. Students will also be introduced to the function and logistics of the film and video production industries, and informed and trained on seeking a career in those fields.

**Please note:** Dual Enrollment for college credits is available.  
Pre-Requisites:  
- At least 6 high school credits, including 1 Math & 1 English credit: all 'C' or better  
- 2.0 GPA or equivalent standardized test scores

**TV20 Video Production II**  
1 Semester  
This course gives students the opportunity to focus on the skill sets and professions they’ve shown interest and affinity for, as well as learn the logistics of specialized sections of the production industry, such as advertising, news production, and copyright law.

**Please note:** Dual Enrollment for college credits is available.  
Pre-Requisites:  
- TV10

**TV30 Video Production III**  
2 Semesters  
This course focuses on application and mastery of the skills learned in course 1, and students are given many opportunities to create high quality video projects using class resources. Students are also introduced to film history and theory, as well as industry standards in terms of resources and logistics. Students also study and test for certification in the latest version of Adobe Premiere.

**Please note:** Dual Enrollment for college credits is available.  
Pre-Requisites:  
- TV10 & TV20

## Early Childhood Education

**CC10 Early Childhood Education I**  
1 Semester  
Gain hands-on experience in an on-site lab school, operated by Bright Ideas Preschool, while learning how to interact with young children and facilitate developmentally-appropriate activities. Students will focus on early childhood philosophy, childhood development, career opportunities and current issues in safety, health, nutrition and curriculum development.

**Please note:** Dual enrollment for college credits is available. Students must obtain a Fingerprint Clearance card at age 18.  
Pre-Requisites:  
- At least 6 high school credits, including Pre-Algebra: ‘C’ or better and English: ‘B’ or better  
- 2.0 GPA or equivalent standardized test scores  
- Negative Tuberculosis test (all students tested in class in August)  
- No criminal record (Arizona State Law requires students to sign a criminal history verification form)

**CC20 Early Childhood Education II**  
1 Semester  
Students continue advanced studies in child psychology & development. They continue to learn how to create developmentally appropriate lesson plans, classroom management & discipline techniques. Students will continue to receive hands-on experience working with our on-site school and surrounding head start programs.

**Please note:** Dual enrollment for college credits is available. Students must obtain a Fingerprint Clearance card at age 18.  
Pre-Requisites:  
- CS10

## COMMUNICATION MEDIA TECHNOLOGIES

**EDUCATION AND TRAINING**

**PRE-REQUISITES:** At least 6 high school credits, including Pre-Algebra: ‘C’ or better and English: ‘B’ or better  
- 2.0 GPA or equivalent standardized test scores  
- Negative Tuberculosis test (all students tested in class in August)  
- No criminal record (Arizona State Law requires students to sign a criminal history verification form)
CC25  Early Childhood Education III  2 Semesters

Students continue advanced studies in child psychology & development. They write and deliver lesson plans with our on-site preschool or surrounding area head starts. Students are assigned/apply for internship opportunities during the second half of the school year. Students that qualify may select the opportunity to earn their Child Development Associate (CDA) national certification upon completion of this program and the necessary requirements.

Please note: Dual enrollment for college credits is available. Students must obtain a Fingerprint Clearance card at age 18.
Pre-Requisites: CS20

ENGINEERING SCIENCES

Future Engineers

IT60  Future Engineers I  1 Semester

This is a project based course that will allow students to discover the tools and technologies engineers use to design and build using math and science coupled with their ingenuity. They will be introduced to the field of Engineering through the use of lecture, lab work, guest speakers and visits to industry. The course is built on understanding the relevancy and application of mathematics, science, and technology to solve engineering problems surrounding the disciplines of Civil, Electrical, Mechanical, Chemical, Environmental, Biomedical Engineering and Engineering Technology.

Pre-Requisites: 6 high school credits, including 1 Science credit: ‘B’ or better, 1 English credit: ‘C’ or better, 1 Advanced Algebra credit: ‘C’ or better, and concurrent enrollment in another Math course On track for graduation 2.5 GPA or equivalent standardized test scores

IT61/IT62  Future Engineers II/III  1 Semester

(2 quarters: Q3/Q4)

Students will continue to solve problems, design and build; using tools & technologies of the trade. The students will also be introduced to Manufacturing Technology and programming skills, including CAD, EXCEL and 3D printing.

Pre-Requisites: IT60

IT63  Future Engineers IV (capstone)  2 Semesters

This is a project based course culminating in a capstone project. Students will design, develop and construct their project.

Pre-Requisites: IT62

Machining Technology

MT10  Machining Technology I  1 Semester

The Precision Machining program is designed to introduce students to basic precision manufacturing and advanced machining principles and technical skills. Upon program completion students will be prepared in the following instructional areas: manufacturing systems, production planning, information systems, quality control, documentation, technical problem solving, management, predictive/preventive maintenance, and automated manufacturing. Students will have the opportunity to earn industry-recognized certifications such as NCCER Level 1 and MSSC Level 1 which can lead to the Certified Production Technician (CPT) certification, NIMS Level 1 certification, or ASQ quality certification. The program is comprised of two core courses and a specific course in Computer Numeric Control (CNC) Precision Machining. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.

Pre-Requisites: At least 6 high school credits, including 1 Math credit ‘C’ or better 2.0 GPA or equivalent standardized test scores
**Machining Technology II**

Advanced studies in precision manufacturing and advanced machining principles and technical skills. Completion of level 1 NIMS certifications in manual milling, manual Lathe operations, and Safety, maintenance and materials

**Pre-Requisites:** MT10

**Machining Technology III**

Continuation of advanced studies in advanced machining principles and technical skills in CNC programming, set up and operation. Production planning and Quality control and Inspection. Students will complete certification testing.

**Pre-Requisites:** MT30

**Banking and Financial Services**

**Banking and Financial Services I**

1 Semester

Prepare for a career in the banking industry, working in a bank branch, credit union and potentially as a bank executive. Students will learn the back-end and front-end operation of a bank or a credit union branch. Students will learn to analyze customer profiles and to sell bank products. The course includes both an in-class academic component, as well as a hands-on experience that includes the operation of an actual credit union branch under the supervision of banking professionals.

**Pre-Requisites:** At least 6 high school credits, including 2 Math and 1 English credit
2.0 GPA or equivalent standardized test scores

**Banking and Financial Services II**

1 Semester

Students continue learning valuable finance tools and customer service protocols while completing an internship. Student will spend two days a week working at a local bank and/or credit union and the others days in the academic classroom.

**Pre-Requisites:** Successful completion of BK10

**Networking Academy & Cyber Security**

**Introduction to Networking & Cyber Security**

1 Semester

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced. Students will build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. They will also learn architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. Configuration and troubleshooting routers and switches and resolving common issues with RIPv1, RIPng, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. Preparation for Cisco CCNA certification examination.

**Please note:** 8 Dual Enrollment for college credits is available

**Pre-Requisites:** At least 6 high school credits, including 1 Math & 1 English credit: all 'C' or better
2.0 GPA or equivalent standardized test scores
IT20  Networking Academy & Cyber Security  1 Semester

This course continues with studies in the architecture, components, and operations of routers and switches in large and complex networks. Configuring routers and switches for advanced functionality. Configuring and troubleshooting routers and switches and resolving common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Developing the knowledge and skills needed to implement a WLAN in a small-to-medium network Wide Area Network (WAN) technologies and network services required by converged applications in a complex network. Criteria selection of network devices and WAN technologies to meet network requirements. Configuring and troubleshooting network devices, and resolving common issues with data link protocols issues, and developing the knowledge and skills needed to implement Internet Protocol Security (IPSec) and Virtual Private Network (VPN) operations. Preparation for Cisco CCNA certification examination.

Please note: 8 Dual Enrollment for college credits is available

Pre-Requisites: IT12

IT22  Cyber Security I  1 Semester

The CompTIA Security+ certification is a vendor-neutral credential. The CompTIA Security+ exam is an internationally recognized validation of foundation-level security skills and knowledge, and is used by organizations and security professionals around the globe. The CompTIA Security+ exam will certify the successful candidate has the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful candidate will perform these tasks to support the principles of confidentiality, integrity, and availability. This course will build a foundation necessary for the development of a career as a security professional. The student will be expected to perform research, actively participate in a collaborative environment, learn and use Linux skills, understand Networking principles, as well as learn and implement Security Best Practices.

This course will focus on the following topics: Technologies and Tools, Architecture and Design, Identity and Access Management, Risk Management. Additionally, this course will build a foundation for Linux System proficiency. Students will learn and employ security research method and procedures in order to create their cyber security threat picture awareness.

Please note: Dual Enrollment for college credits is available

Pre-Requisites: IT20 or networking course from home school (or instructor approval)

IT23  Cyber Security II  1 Semester

The CompTIA Security+ certification is a vendor-neutral credential. The CompTIA Security+ exam is an internationally recognized validation of foundation-level security skills and knowledge, and is used by organizations and security professionals around the globe. The CompTIA Security+ exam will certify the successful candidate has the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful candidate will perform these tasks to support the principles of confidentiality, integrity, and availability. This course will build a foundation necessary for the development of a career as a security professional. The student will be expected to perform research, actively participate in a collaborative environment, learn and use Linux skills, understand Networking principles, as well as learn and implement Security Best Practices.

This course will focus on the following topics: Threats, Attacks and Vulnerabilities, Identity and Access Management, Cryptography and PKI. Additionally, this course will build upon the Linux training provided in the First Semester Course with an emphasis on Security and Penetration Testing Tools. Students will be tasks to employ security research skillset to build upon their cyber security threat picture awareness.

Pre-Requisites: IT22
Coding and Mobile Application Design

**IT13 Introduction to Computer Programing and Coding** 1 Semester

First Semester Coding students will be able to identify and explain computer components and operations, explain the software development life cycle, use the American Standard Code for Information Interchange (ASCII) and Unicode Consortium code, perform computations using decimal, binary, octal, and hexadecimal number systems, design console and graphical user interfaces and reports, design programs using structured and object-oriented design tools, design and write programs using the various control structures, explain structured programming techniques, and describe how they are embodied in object-oriented programming techniques and differentiate between procedural, object-oriented, and event-driven programming.

*Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:** At least 6 high school credits, including 1 Science credit: ‘C’ or better, 1 Algebra credit: ‘C’ or better, 1 Geometry credit: ‘C’ or better, 1 English credit: ‘C’ or better, 2.0 GPA or equivalent standardized test scores

**IT40 Computer Program Coding and Mobile Application Design I** 1 Semester

Second semester coding students will use OOP features to design and write programs using arrays, use OOP features to design and write classes that have public and private properties and behaviors including constructors and destructors, use OOP features to design and write programs that create and manipulate objects, explain method overloading and overriding and explain the principles of single and multiple inheritances in object-oriented programming. Students will take certification exam for C#.

**Pre-Requisites:** IT13

**IT45 Computer Program Coding and Mobile Application Design II** 2 Semesters

Year 2 Coding students will be able to explain the evolution of C# and basic computer components, describe the software development process, use predefined data types to declare and manipulate variables and arrays, use operators in arithmetic and Boolean expressions, design and develop object-oriented programs using various flow control structures and functions, describe object-oriented concepts, design and develop programs using classes and object-oriented programming techniques, process various input and output, debug simple and complex programming errors, use standard pre-processor commands and create graphical applications. Students will take certification exam for Python.

**Pre-Requisites:** IT40

Digital Device Diagnostic and Repair

**IT11 Introduction to Digital Device Diagnostic and Repair** 1 Semester

Learn the skills necessary to obtain ComTIA A+ Certification, an International industry credential for computer service technicians. Hands-on classroom training includes installation, configuration and upgrading of hardware and software. They develop troubleshooting and basic network skills. Course includes training in Microsoft Office. Students also learn how to repair devices such as iPad, iPhones, gaming consoles and many more. Students participate in SkillsUSA and Arizona Students Recycling Used Technology (AZstRUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

*Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:** At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better, 2.0 GPA or equivalent standardized test scores
IT30  Digital Device Diagnostic and Repair I  1 Semester

Continue to learn the skills necessary to obtain ComTIA A+ Certification, an International industry credential for computer service technicians. Hands-on classroom training includes installation, configuration and upgrading of hardware and software. They develop troubleshooting and basic network skills. Course includes training in Microsoft Office. Students also learn how to repair devices such as iPad, iPhones, gaming consoles and many more. Students participate in SkillsUSA and Arizona Students Recycling Used Technology (AZstRUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

*Please note: Dual Enrollment for college credits is available.*

Pre-Requisites: IT11

IT35  Digital Device Diagnostic and Repair II  2 Semesters

D3R: Perfect the skills learned in Intro to D3R. In this course you will put into practice the knowledge you gained in the previous year by running the iTec store and performing tech support and repairs for the public. Students in course will also act as mentors to the first year students. By the end of this course you will complete the CompTIA A+ certification exam.

*Please note: Dual Enrollment for college credits is available.*

Pre-Requisites: IT30

FAMILY AND CONSUMER SCIENCES

Commercial Baking and Pastry Arts

CU20  Commercial Baking and Pastry Arts I  1 Semester

Introduction to working in a professional bakery. Students will learn equipment and ingredient identification, as well as the basic mixing methods. Cake construction and decorating will also be introduced. Emphasis is placed on working neatly and efficiently.

*Please note: Dual Enrollment available through Scottsdale Community College, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Pastry Cook (CFPC®) during program*

Pre-Requisites:  At least 6 high school credits, including 1 Math credit ‘C’ or better
2.0 GPA or equivalent standardized test scores

CU25  Commercial Baking and Pastry Arts II  1 Semester

Course 2 is a continuation of Course 1. Production is increased, and students are expected to learn to incorporate time management. Students will work on more advanced decorating projects, such as wedding and fondant cakes. Students will also work more on plated desserts and customer orders.

Pre-Requisites:  CU20

CU26  Commercial Baking and Pastry Arts III  2 Semesters

Second year students will work on a variety of different projects, including a survey of breads from around the world, specific cake projects, and themed holiday desserts. Students in Course 3 will also have the opportunity to develop their own plated desserts. Mentoring and leadership are also a part of this course.

Pre-Requisites:  CU25
Culinary Arts

CU10 Culinary Arts I 1 Semester
Students develop skills necessary for food preparation, food production, and service in a commercial kitchen. The course includes instruction in basic baking & pastry, basic nutrition, food safety, sanitation, and the use & care of commercial equipment.

Please note Dual Enrollment available through Scottsdale Community College: Certificate ofCompletion in Culinary Fundamentals, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Cook (CFC®) during program

Pre-Requisites: At least 6 high school credits, including 1 Math credit 'C' or better
2.0 GPA or equivalent standardized test scores

CU15 Culinary Arts II 1 Semester
The course includes instruction in garde manger, breakfast foods, basic baking & pastry, basic nutrition, food safety, sanitation, and the use & care of commercial equipment.

Pre-Requisites: CU10

Please note Dual Enrollment available through Scottsdale Community College: Certificate ofCompletion in Culinary Fundamentals, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Cook (CFC®) during program

CU16 Culinary Arts III 2 Semesters
Students will then learn advanced techniques in food preparation skills, organization & operations, sanitation, quality control, and advanced use of commercial kitchen equipment while working in a culinary specialty.

Pre-Requisites: CU15

Please note Dual Enrollment available through Scottsdale Community College: Certificate ofCompletion in Culinary Fundamentals, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Cook (CFC®) during program

Fashion Design and Merchandising

FIT11 Fashion Design and Merchandising I 1 Semester
This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Fashion I includes the study of careers, the history of design, and the principles and elements of design. Students will receive an introduction to fashion design, including garment design & construction, illustration techniques, and basics of patternmaking & draping.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: At least 6 high school credits, including 1 Math & 1 English credit: all 'C' or better
2.0 GPA or equivalent standardized test scores

FIT13 Fashion Design and Merchandising II 1 Semester
In Fashion II, students expand upon material introduced in Course I, specifically: The Design Method, garment design & construction, illustration techniques, and the fundamentals of patternmaking & draping. Additionally, students will study retail merchandising, textile science, and methods for printing/dyeing (textiles). Students will apply their acquired knowledge from Course I & II by producing a complete collection (as a class) and fashion runway show.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: FIT11

FIT 25 Fashion Design and Merchandising III 2 Semeters
Fashion III will incorporate the 1st year knowledge into the advanced program and gain knowledge in personal styling, clothing construction, and inspirational design concepts. In this program students will also be able to coordinate fashion shows, fashion photo shoots, and fashion journalism. Students will prepare for FCCLA Spring Competition.

A student completing this program will possess the technical knowledge and skills associated with fashion design, textiles, merchandising, presentation, and sales. In addition to the technical skills, students will possess advanced employability skills including critical and conceptual thinking skills, applied academics, life management, and technology. Students will create a portfolio of their work, will prepare a resume and be trained to have the skills necessary to enter the workplace.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: FIT13
**Hospitality Management**

**HM10**  
*Hospitality Management I*  
1 Semester  
Students will learn the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, hospitality planning and business operations.  
Pre-Requisites:  
- At least 6 high school credits, including 1 Math credit ‘C’ or better  
- 2.0 GPA or equivalent standardized test scores

**HM20**  
*Hospitality Management II*  
1 Semester  
Students will apply the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, hospitality planning and business operations while focusing on human resource management, entrepreneurship, financial management, and marketing.  
Pre-Requisites:  
- HM10

**Please note:**  
- Dual Enrollment with SCC, Serve Safe Food Service Manager Card, American Hotel and Motel Lodging Association:  
  - Certified Guest Service Professional (CGSP®)  
  - Certified Front Desk Representative  
  - Certified Restaurant Server

**Interior Design and Merchandising**

**FIT12**  
*Interior Design and Merchandising I*  
1 Semester  
This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Interior Design and Merchandising I course will introduce students to the various careers available in the interior design industry. Students will have opportunity to meet current interior designers in order to gain insight into their profession. The course will provide a foundation of fundamentals required for interior design including color theory and design, the elements and principals of design, textile science, textile design, as well as the history of architecture. Students will learn basic floor space planning, elevations, and measurements in interior design and practice presenting their projects in class to develop good communication skills.  
*Please note:*  
*Dual Enrollment for college credits is available.*  
Pre-Requisites:  
- At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better  
- 2.0 GPA or equivalent standardized test scores

**FIT14**  
*Interior Design and Merchandising II*  
1 Semester  
Interior Design and Merchandising II continues to provide fundamentals with advanced training in color theory, critical thinking in design, advanced floor space planning and 3D model construction. Students will learn such as business and merchandising in the interior industry. Students may have the opportunity to compete in FCCLA Spring Conference.  
*Please note:*  
*Dual Enrollment for college credits is available.*  
Pre-Requisites:  
- FIT12

**FIT35**  
*Interior Design and Merchandising III*  
2 Semesters  
Interior Design and Merchandising III course will provide a practice of the fundamentals learned during the first year. Students will learn how to design and layout larger visual interior presentations combining floor plans, elevations and furnishings selections. As they develop presentations, students will study lighting, flooring materials, window treatments and other furnishings. Students will develop a budget and learn how to create an invoice. These students will also be trained on the 3D Chief Architect program in order to prepare for certification. Students will compete in the FCCLA Spring Conference for interior design. Students may also have opportunities to job shadow or participate in an internship in an interior related business. Students will also develop a portfolio of their work from the program and will interview and present this to industry professionals during the Annual FIT Career Day.  
*Please note:*  
*Dual Enrollment for college credits is available.*  
Pre-Requisites:  
- FIT14
Aesthetics

CS14 & CS24  Aesthetics I & II  2 Semester

The Aesthetics program is a one-year high school program that offers training in the theory and practice of aesthetics. It meets and exceeds the requirements for licensing by the State Board of Arizona. The class emphasizes the structure and function of the skin and prepares students to critically access the individual needs of each client. Instruction includes comprehensive instruction in European and other Specialty facials, Microdermabrasion, Microcurrent, LED Light Therapy, Aroma Therapy, Hair Removal and many other services. Students learn to identify and either treat or refer out skin diseases and disorders through a foundation in Skin Analysis as well as Anatomy and physiology and Product Ingredient classes. During this course, students have the opportunity to gain Certifications in PCA Chemical peel, Dermaplane and Lash Extension. Upon completion this class, graduates are fully ready for employment in any number of professional environments.

Please note: Students attend class four (4) hours each day and may be required to provide their own transportation. Class times 7:00 AM – 11:00 AM or 12:00 PM – 4:00 PM

Pre-Requisites: At least 10 high school credits, including 2 English credits.
2.0 GPA or equivalent standardized test scores

Barbering

CS15  Barbering I  1 Semester

Introduction to Barbering is a two year, four credit course of four hours per day that provides students with a study of concepts related to the Barbering profession. Specific topics include Barbering history and opportunities, professional image, infection control, and basic fundamentals and principles of hair care and design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic Barbering procedures.

Introduction to Barbering is the prerequisite to Chemical Services, Hair Coloring, Salon Practices and Management, and State Board Practicum. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Please note: Students attend class four (4) hours each day and may be required to provide their own transportation. Requirements: Proof of age. Social security card or waiver. Signed statement of understanding of program requirements. Class is four-hour day, Monday through Friday and requires a total of 1500 hours to complete the program and test for state license.

Pre-Requisites: At least 10 high school credits, including 2 English credits.
2.0 GPA or equivalent standardized test scores

CS25  Barbering II  1 Semester

Advanced studies in barbering history and opportunities, professional image, infection control, and basic fundamentals and principles of hair care and design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Continued participation and competition in our state-wide student organization. Students begin client work in our student run barber shop.

Pre-Requisites: CS15

CS35  Barbering III  2 Semesters

This course focuses on advanced studies of practical skills in haircutting, skin care, wet shaving and beard shaping techniques, chemical services, styling and State board procedures and deeper preparation for working behind the chair and or barber shop related business skills. Continued work on clients in our student run barber shop.

Please note: Students are entered into the State Board examination at the Instructors discretion and upon completion of state requirements.

Pre-Requisites: CS25
Cosmetology

CS10, CS20, CS31  Cosmetology Fundamentals  I & II & III  2 Year Program (4 semesters)
This 2-year high school program prepares the student for the Arizona State Board of Cosmetology License Exam. By the time this class is complete the student will be fully prepared to seek a fun, high paying career in salons, spas, film or a number of other exciting work environments. The focus of education is balanced between 4 hours of theory and hands-on class time daily. Students learn in-depth about the fundamentals of hairstyling, haircutting, hair color and various chemical texture services. Second-year students provide services to the public in a working salon on an EVIT Campus which provides invaluable experience including customer service and other soft skills the work world will require. This course also includes advanced education to further develop salon ready skills through industry partnerships. Hairstyling is an exciting career choice that offers on-going education, highly flexible work hours to help you pursue whatever dreams you have.

*Please note: Students attend class four (4) hours each day and may be required to provide their own transportation. 7:00 AM – 11:00 AM or 12:00 PM – 4:00 PM. Dual enrollment may be available for college credit.*

Pre-Requisites: At least 10 high school credits, including 2 English credits. 2.0 GPA or equivalent standardized test scores

HEALTH SCIENCE TECHNOLOGIES

Behavioral, Mental & Social Health Services

MC65  Behavioral, Mental & Social Health Services I  1 Semester
This course will prepare students for a career in behavioral and/or social health as a behavioral or mental health technician/specialist. This training can lead to job opportunities as a case manager, parent aide, family advocate, respite worker or paraprofessional counselor. Mental health technicians may work as part of a team. There are job opportunities in public and private hospitals, treatment centers, clinics, assisted living facilities, schools and more. Duties may include coordinating mental health services, client interviews, documentation, group activities, maintaining client safety as well as helping clients with their personal needs. Will work with clients to promote dignity, independence, individuality, strengths, privacy and choice. During the first semester students will learn about foundations in past & present mental health care and treatment, building client rapport, communication, documentation, cultural diversity, therapeutic skills for technicians, and ethics & legal issues. Students will be required to participate in externships in the community.

*Please note: Students may be randomly drug tested. Dual enrollment may be available for college credit.*

Pre-Requisites: At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better 2.0 GPA or equivalent standardized test scores

MC66  Behavioral, Mental & Social Health Services II  1 Semester
This course will build on knowledge students gained MC65. In MC66 students learn about chronic mental health disorders, crisis intervention/de-escalation techniques, psychotherapeutic drugs, alternative/complementary therapies, autism, dementia and resilience. Students will have the opportunity to earn certificates in Article 9 Training, ASIST Training and Psychological First Aid. Students will be required to participate in externships in the community.

*Please note: Students may be randomly drug tested. Dual enrollment may be available for college credit.*

Pre-Requisites: MC65
Dental

MC10  Anatomy and Physiology for Medical Careers  2 Semesters

This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

**Please note:** History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites:  
At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better  
Biology (may be taken concurrently)  
2.0 GPA or equivalent standardized test scores

MC60  Dental Assisting I  1 Semester

Prepare for a dental career by learning about dental office operations such as instrument recognition and sterilization, radiography and laboratory processes, preparing patients for examinations and assisting with operational procedures. First semester, students concentrate on classroom learning, hands-on skills practice and x-ray certification. During the second semester, skills and experience are gained through internships at local dental offices. Students are required to complete a 100-hour internship. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to job shadowing or internship sites. Participation in the Health Occupations Student Organization (HOSA) is a requirement of the course.

**Please note:** Students will be randomly drug tested.

Pre-Requisites:  
Seniors Only, who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better  
No criminal record  
2.0 GPA or equivalent standardized test scores

MC61  Dental Assisting II  1 Semester

During the second semester, Students will spend 6 weeks studying radiology, and preparing for DANB's national dental x-ray certification exam. Students are required to complete an 80-hour externship where skills and experience are gained through work based learning at local dental offices. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to externship sites.

**Please note:** Students will be randomly drug tested.

Pre-Requisites:  
MC60

Emergency Medical Technician

MC10  Anatomy and Physiology for Medical Careers  2 Semesters

This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

**Please note:** History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites:  
At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better  
Biology (may be taken concurrently)  
2.0 GPA or equivalent standardized test scores
MC55  Emergency Medical Technician I  1 Semester
People’s lives often depend on the quick response and competent care of Emergency Medical Technicians (EMTs). Learn to recognize the signs and symptoms of illness and injury, assess and treat patients, administer oxygen and provide basic medical care. Training consists of coursework and hands-on experience designed to prepare students to administer immediate care, stabilization and immobilization of victims in emergency situations. The first semester will cover mostly medical emergencies. Please note: Students must be 18 years old by November 1 following course completion and a U.S. Citizen or legal resident to take certification exam. DHS requires that students receive course completion certificates within six months of the course. Students are able to complete testing, but they cannot be certified in Arizona until they are 18. EVIT completers who receive an EMT card may receive college credit by evaluation for EMT101 and/or EMT 104. Students will be randomly drug tested.
Pre-Requisites:  Seniors Only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better or 1 year of Sports Medicine
9th grade reading level
1 Algebra credit and 1 English credit: ‘C’ or better
No criminal record
2.5 GPA or equivalent standardized test scores

MC56  Emergency Medical Technician II  1 Semester
The second semester of Emergency Medical Technician focuses on trauma emergencies. Students will prepare for national skill examination. Every student is required to complete a minimum 10-hour clinical rotation in an emergency room scheduled by the school. Students are responsible for their own transportation. NREMT Psychomotor Skill Exam are conducted at the end of the semester. Upon course completion, students are prepared to take state and national EMT examinations.

Please note: Students must be 18 years old by November 1 following course completion and a U.S. Citizen or legal resident to take certification exam. DHS requires that students receive course completion certificates within six months of the course. Students are able to complete testing, but they cannot be certified in Arizona until they are 18. EVIT completers who receive an EMT card may receive college credit by evaluation for EMT101 and/or EMT 104. Students will be randomly drug tested. Dual enrollment credit may be available.
Pre-Requisites:  MC55

Home Health Aide

MC10  Anatomy and Physiology for Medical Careers  2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.
Pre-Requisites:  At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores
MC77  Home Health Aide I  1 Semester
Home Health Aides, also known as Direct Care Workers (DCW), Personal Care Assistants, Caregivers, or Personal Care Aides, are a valuable part of the health care team. Home Health Aides care for people of all ages who are ill, injured or physically or mentally disabled. Home Health Aides assist clients with self-care activities such as eating, dressing, bathing and grooming needs. Home Health Aides may also help with home management activities such as meal preparation, light house cleaning or laundry.
Pre-Requisites: Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology
On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

MC78  Home Health Aide II  1 Semester
Student continue learning job management and self-care skills including organizational skills related to the profession. During this semester, students prepare to take the Direct Care Workers test.
Students who complete this program are eligible to take the Arizona Standardized DCW Test to demonstrate that they have the required knowledge and skills to be a qualified DCW.
Pre-Requisites:  MC77

**Medical Assisting**

MC10  Anatomy and Physiology for Medical Careers  2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.
Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.
Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better
Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC20 or 22  Medical Assistant I  1 Semester
Medical Assistants are educated and trained to perform administrative and clinical skills in a variety of settings, including doctors’ offices, hospitals and clinics. Learn medical terminology, body systems, EKG, phlebotomy, autoclave, CPR and first aid, OSHA safety standards and other medical specialties. Gain an understanding of office procedures such as patient billing, medical records, purchasing and filing of insurance claims. Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability.
Student must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG. Students have the option of first completing Human Anatomy and Physiology for Medical Careers (MC10) and then taking the 2.5-hours-per-day Medical Assistant course to complete the program in two years OR the four-hours-per-day one-year Medical Assistant program (MC22/23). Please state which option the student is choosing on the application.
Please note: Students will be randomly drug tested.
Pre-Requisites: 2 Math credits and 2 English credits: all ‘C’ or better
No criminal record
Biology (may be taken concurrently) EVIT’s MC10 for those entering the 2.5-hours-per-day program.
2.0 GPA or equivalent standardized test scores
MC21 or 23  Medical Assistant II  1 Semester

Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG.

Pre-Requisites:  MC20

Nursing Assistant

MC10  Anatomy and Physiology for Medical Careers  2 Semesters

This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites:  
- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better
- Biology (may be taken concurrently)
- 2.0 GPA or equivalent standardized test scores

MC30  Nursing Assistant I  1 Semester

A Nursing Assistant works under the supervision of a nurse to provide daily basic care for patients in hospitals, physician’s offices, private homes, clinics and assisted living facilities. First semester, learn CPR, anatomy and physiology, medical terminology, vital signs, hygiene, human reproduction, basic nutrition and patient care.

Please note: Students will be randomly drug tested.

Seniors who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better
- No criminal record
- 2.5 GPA or equivalent standardized test scores

MC31  Nursing Assistant II  1 Semester

During the second semester, students work in clinical settings to master the skills required for the state certification exam. Flexible hours are required and depend upon the availability of clinical sites. Weekend and/or extended days may be required. Student must provide their own transportation to the clinical sites. The Arizona State Board of Nursing requires proof of legal presence in order to test for or renew certification or licensure.

Pre-Requisites:  MC30

Occupational Therapy Aide

MC10  Anatomy and Physiology for Medical Careers  2 Semesters

This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites:  
- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better
- Biology (may be taken concurrently)
- 2.0 GPA or equivalent standardized test scores
MC57  Occupational Therapy Aide I  1 Semester
Occupational therapists help people with physical or mental disabilities gain the skills they need to be as independent as possible. In this class you will explore the dynamic history and philosophy of occupational therapy, understand the difference between occupational therapists, occupational therapy assistants, and occupational therapy aides. Students will experience hands on learning of job skills needed to gain employment as an occupational therapy aide, rehabilitation provider.

*Please note: Students will be randomly drug tested.*

**Pre-Requisites:**
- Seniors Only, at least 6 high school credits, including 1 Pre-Algebra, 1 Biology and 1 English credit. EVIT’s MC10: ‘C’ or better or Anatomy & Physiology w/Medical Terminology.
- On track to graduate or a plan for graduation
- 2.0 GPA or equivalent standardized test scores

MC58  Occupational Therapy Aide II
Students continue learning the skills of the occupational therapy aide and prepare for a 40-hour externship. Qualified students will participate in clinical experiences to gain valuable on the job experiences. Students must provide transportation to clinical experiences.

**Pre-Requisites:**
- MC57

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**Pharmacy Technician**

MC10  Anatomy and Physiology for Medical Careers  2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

*Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.*

**Pre-Requisites:**
- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better
- Biology (may be taken concurrently)
- 2.0 GPA or equivalent standardized test scores

MC43  Pharmacy Technician I  1 Semester
Pharmacy technicians help licensed pharmacists prepare prescription medications, provide customer service and perform administrative duties. The first semester concentrates on basic health care concepts such as medical terminology, safety, customer service, problem solving and CPR. Students learn occupation specific skills during the second semester. This rigorous academic course requires a high level of independent study while learning procedures for receiving prescription requests, counting tablets and labeling bottles, along with administrative functions such as answering phones and stocking shelves. Students must be 18 years of age to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student.

*Please note: Students will be randomly drug tested.*

**Pre-Requisites:**
- Seniors Only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better
- Juniors who have taken MC10 as Sophomores: ‘C’ or better
- 1 Math and 1 English credit: both ‘C’ or better
- 2.5 GPA or equivalent standardized test scores
MC63  Pharmacy Technician II  1 Semester
The spring semester continues learning the procedures of being a pharmacy technician. Students must be 18 years of age to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student.
Pre-Requisites:  MC43

Physical Therapy Technician

MC10  Anatomy and Physiology for Medical Careers  2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.
Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.
Pre-Requisites:  At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biolog (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC45  Physical Therapy Technician I  1 Semester
Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites. This program is approved by the State Board of Chiropractic Examiners to train Chiropractic Assistants.
Please note: Students will be randomly drug tested.
Pre-Requisites:  Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Anatomy & Physiology: ‘C’ or better; or 1 credit of Sports Medicine 1 Math and 1 English credit: both ‘C’ or better 2.5 GPA or equivalent standardized test scores

MC46  Physical Therapy Technician II  1 Semester
Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites. This program is approved by the State Board of Chiropractic Examiners to train Chiropractic Assistants.
Please note: Students will be randomly drug tested.
Pre-Requisites:  MC45
Massage Therapy

**MA05 or 20  Massage Therapy I**  1 Semester

Begin your study of Western and Eastern massage modalities, including Swedish, Chair massage, sports massage, hot stone and Reflexology. Coursework also includes anatomy and physiology, hygiene, ethics and medical terminology. Students prepare for their state licensing by completing 700 hours of hands-on training in the public clinic on campus and at various community events. Students must be 18 years of age before applying for state licensure. Students have the option of choosing the 2.5 hour per day two-year program OR the four-hours per day one-year program. Please state which option the student is choosing on the application. **Students must be 18 years of age before applying for state licensure. Students have the option of choosing the 2.5-hours-per-day two-year program OR the four-hours-per-day one-year program (MA20, 22, 21 & 23).** Please state which option the student is choosing on the application.

*Please note: Students may be randomly drug tested.*

**Pre-Requisites:**
- 2 English credits and Biology with a "C" or better
- No criminal record
- 2.0 GPA or equivalent standardized test scores

**MA10 or 22  Massage Therapy II**  1 Semester

Second semester is a continuation of anatomy and physiology along with an introduction to the public clinic. More emphasis is placed on hands-on training.

*Please note: Students may be randomly drug tested*

**Pre-Requisites:** MA05

**MA 06/20 or 21/23  Massage Therapy III**  2 Semesters

Students are preparing for their state certification by completing a minimum of 700 hours of hands-on training in the public clinic and community events. More focus is spent on clinical assessment and treatment planning for a wide variety of clients. Students will end their second-year by preparing a business portfolio to include resume, cover letter, business cards and brochures.

*Please note: Students may be randomly drug tested.*

**Pre-Requisites:** MA06

Veterinary Assistant

**MC10  Anatomy and Physiology for Medical Careers (Veterinary Focus)**  2 Semesters

This course is designed to provide students with the opportunity to gain the knowledge, basic skills and abilities necessary to perform in an environment that maximizes the health care of animals. The curriculum prepares students for postsecondary Veterinary Technician education or entering the workforce as a veterinary assistant in a multitude of veterinary medical professions. This course is the first year of a two-year program culminating in the presentation of an EVIT certificate for completion for those successfully completing the two-year sequence. Students will study anatomy and physiology of various species, medical terminology, veterinary office and hospital procedures, communication and client relations, examination and clinical procedures, and veterinary assisting skills and procedures. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Students are eligible to sit for the Approved Veterinary Assistant examination upon completion of the two-year program.

*Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.*

**Pre-Requisites:**
- At least 6 high school credits, including 1 Math credit and 1 English & Biology credit: both ‘C’ or better
- 2.5 GPA or equivalent standardized test scores
MC44
Veterinary Assisting I 1 Semester
Veterinary Assisting I, is a continuation of the MC 10 Anatomy and Physiology for Medical Careers (Veterinary Focus) course. Students will apply and build upon knowledge learned in the MC 10 with Veterinary Assistant course. Students will study advanced examination and clinical procedures, advanced veterinary assisting skills and procedures, veterinary laboratory procedures, veterinary surgical preparation and assisting, radiology and veterinary imaging skills, and veterinary pharmacy and pharmacology. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Student are eligible to sit for the Approved Veterinary Assistant examination upon completion of the two-year program.

Please note: This class is offered at the EVIT East Campus ONLY. Students will be randomly drug tested.
Dual Enrollment for college credits is available.
Pre-Requisites: MC14 (Vet) at EVIT

MC64
Veterinary Assisting II 1 Semester
In this course students prepare for their Approved Veterinary Assistant certification by completing a 140 hour externship of hands-on training in a veterinary or animal-related industry. Externships are designed to prepare veterinary assistant students for high-quality service in practice, advanced specialty training, or other related field. Externs will primarily learn about and perform various animal husbandry and medical duties alongside staff while gaining valuable experience and knowledge. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Student are eligible to sit for the Approved Veterinary Assistant examination upon completion of this course.

Please note: This class is offered at the EVIT East Campus ONLY. Students will be randomly drug tested.
Dual Enrollment for college credits is available.
Pre-Requisites: MC44

INDUSTRIAL TECHNOLOGIES

Construction Technologies

CT10
Construction I 1 Semester
With the opportunities offered by the construction trades the student will learn critical thinking and essential problem-solving skills. Also identifies and discusses positive social skills and presents information on computer systems and their industry applications. Instruction in the basic jobsite safety information to prepare workers for the construction environment. Learning to describe the common causes of workplace incidents and accidents and how to avoid them. Introduces common personal protective equipment, including equipment required for work at height, and its proper use. Information related to safety in several specific environments, including welding areas and confined spaces is also provided. The student will review basic math skills related to the construction trades and demonstrates how they apply to the trades. Covers multiple systems of measurement, Decimals, Fractions, and basic Geometry, Decimals/Percentages, Reading Measurements, Calculating Area, Powers of Ten, Linear Measure, Angles, Volumes, Pressure, and Slopes, Solving for Unknowns, Square Inches, Feet, and Yards, Volume. Introduction to common hand tools used in a variety of construction crafts. Identifies tools and how to safely use them, also the operation of many power tools common in the construction environment. Provides instruction on proper use, as well as safe-handling guidelines and basic maintenance. Introduction to the basic terms, components, and symbols of construction drawings, as well as the most common drawing types. Also covers the interpretation and use of drawing dimensions. Understanding the basic information related to rigging and rigging hardware, such as slings, rigging hitches, and hoists. Emphasizes safe working habits in the vicinity of rigging operations, techniques for effective communication on the job. Includes examples that emphasize the importance of both written, verbal, non-verbal (hand signals) communication skills. Students learn the importance of reading skills in the construction industry and discusses effective telephone and email communication skills, and can describes the hazards associated with handling materials and provides techniques to avoid both injury and property damage, introducing common material handling equipment.
Pre-Requisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores
CT20 Construction II
1 Semester
Building off of Semester I students will cover framing basics and the procedures for laying out and constructing a wood floor using common lumber, as well as engineered building materials. Learn how to describe types of roofs and provides instructions for laying out rafters for gable roofs, hip roofs, and valley intersections and techniques for measuring and calculating rise, run, and stairwell openings, laying out stringers, and fabricating basic stairways. Students will learn the procedures for laying out and framing walls, including roughing-in door and window openings, constructing corners, partition Ts, and bracing walls. Includes the procedure to estimate the materials required to frame walls, how to properly prepare the roof deck and install roofing for residential and commercial buildings, and be introduced to construction equipment, including the aerial lift, skid steer loader, electric power generator, compressor, compactor, and forklift. Students will learn how DWV systems remove waste safely and effectively. Discussing how system components, such as pipe, drains, traps, and vents work. Reviewing drain and vent sizing, grade, and waste treatment, and discussing how building sewers and sewer drains connect the DWV system to the public sewer system. Students are introduced to different types of plastic pipe and fittings used in plumbing applications, including ABS, PVC, CPVC, PE, PEX, and PB, also explaining the proper methods for cutting, joining, and installing all piping systems. Addressing insulation, pressure testing, seismic codes, and handling and storage requirements of plastic and copper pipes.

Pre-Requisites: CT10

CT21 Construction III
2 Semesters
Students will cover the various types of exterior finish materials and their installation procedures, including wood, metal, vinyl, and fiber-cement siding. Learn how to provide detailed instructions for the selection and installation of base and wall cabinets and countertops. Students will expand on the knowledge and skills gained through the Carpentry Curriculum and provides the basic information needed to construct and apply finishes to custom cabinetry, and identify and discusses various types of wood products, wood-joining techniques, power tools, cabinet doors, shelves, and hardware. Specific guidance is also provided for the installation of laminated countertops. Introduction to basic masonry materials, tools, techniques, and safety precautions. Explains how to mix mortar by hand and lay masonry units. Also describes the skills, attitudes, and abilities of successful masons, coving characteristics of block and brick; how to set up, lay out, and bond block and brick; how to cut block and brick; how to lay and tool block and brick; and how to clean block and brick once they have been laid. Learning masonry reinforcements and accessories used to lay block and brick professionally and safely. Students learn the principles of heating, ventilating, and air conditioning, career opportunities in HVAC, and how apprenticeship programs are constructed, and basic safety principles, as well as trade licensure and EPA guidelines, are also introduced. The students learn electrical devices and wiring techniques common to residential construction and maintenance, learning to practice making service calculations. Students cover safety rules and regulations for electricians, including precautions for electrical hazards found on the job. Also covering the OSHA-mandated lockout/tagout procedure.

Pre-Requisites: CT20
Heating, Ventilation and Air Conditioning (HVAC)

AC10 Heating, Ventilation and Air Conditioning (HVAC) I
1 Semester
Introduction to HVAC covering the basic principles of heating, ventilating, and air conditioning, career opportunities in HVAC, and how apprenticeship programs are constructed, as well as trade licensure and EPA guidelines, are also introduced. Mathematics trade related problems involving the measurement of lines, area, volume, weights, angles, pressure, vacuum, and temperature, including a review of scientific notation, basic laws of matter, basic laws of thermodynamics, powers, roots, and basic algebra and geometry. Introduction to the concept of power generation and distribution, common electrical components, AC and DC circuits, and electrical safety as it relates to the HVAC field, introduction to reading and interpreting wiring diagrams, understanding the fundamentals of heating systems and the combustion process. Students will learn the different types and designs of gas furnaces and their components, as well as basic procedures for their installation and service. Learning the fundamental operating concepts of the refrigeration cycle and identifying both primary and secondary components found in typical HVAC/R systems. Also introduces common refrigerants. Learn how to describe the factors related to air movement and its measurement in common air distribution systems and the required mechanical equipment and materials used to create air distribution systems. Students will be introduced to basic system design principles for both hot and cold climates, how to identify types of copper tubing and fittings used in the HVAC/R industry and how they are mechanically joined. Also learn the identification and application of various types of plastic piping, along with their common assembly and installation practices, equipment, techniques, and materials used to safely join copper tubing through both soldering and brazing. Covering the required personal protective equipment, preparation, and work processes in detail. Also provides the procedures for brazing copper to dissimilar materials.

Pre-Requisites: At least 6 high school credits, including 1 English credit and 1 Math credit: both ‘C’ or better 2.0 GPA or equivalent standardized test scores

AC20 Heating, Ventilation and Air Conditioning (HVAC) II
1 Semester
Building what students learned in the first semester. Students covers transformers, single-phase and three-phase power distribution, capacitors, the theory and operation of induction motors, and the instruments and techniques used in testing AC circuits, as well as the components and reviews electrical safety. Students learn how to explain operating principles of compressors used in comfort air conditioning and refrigeration systems. Includes installation, service, and repair procedures, characteristics and applications of pure and blended refrigerants, and provides extensive coverage of lubricating oils used in refrigeration systems, refrigerant handling and equipment servicing procedures for HVAC systems in an environmentally safe manner, the operating principles, applications, installation, and adjustment of fixed and adjustable expansion devices used in air conditioning equipment, the principles of reverse cycle heating, operation of heat pumps and explains how to analyze heat pump control circuits. Includes heat pump installation and service procedures. Also information related to maintenance-oriented materials, as well as guidelines for the inspection and periodic maintenance of various systems and accessories. Also covers the application of gaskets and seals, as well as the adjustment of different types of belt drives. Includes information on inspection and maintenance requirements for selected equipment.

Pre-Requisites: AC10

AC25 Heating, Ventilation and Air Conditioning (HVAC) III
2 Semesters
Second year students cover a variety of fasteners, hardware, and wiring terminations used in HVAC systems including the installation of these components. Students are provided with information and skills to troubleshoot control circuits and electric motors found in heating and cooling equipment, guidance related to troubleshooting cooling systems, review of the heat pump operating cycle, and presents troubleshooting procedures for components, information and skills needed to troubleshoot gas-fired furnaces and boilers. Student learn the construction and operation of oil-fired heating systems and their components. Includes servicing and testing of oil furnaces and procedures for isolating and correcting oil furnace malfunctions, skills needed to troubleshoot various air treatment accessories used with heating and cooling equipment, skills needed to troubleshoot and repair zoned, ductless, and variable refrigerant flow systems. Also learning water problems encountered in heating and cooling systems and identifies water treatment methods and equipment, the issues associated with indoor air quality and its effect on the health and comfort of building occupants, and heat recovery/reclaim devices, as well as other energy recovery equipment used to reduce energy consumption in HVAC systems, System Air Balancing, Also covering the start-up and shutdown of typical cooling towers and packaged HVAC units, Construction Drawings and Specifications, Heating and Cooling System Design Identifies factors that affect heating and cooling loads. Explains the process by which heating and cooling loads are calculated, and how load calculations are used in the selection of heating and cooling equipment, Commercial/Industrial Refrigeration Systems, Alternative and Specialized Heating and Cooling Systems.
INDUSTRIAL TECHNOLOGIES

Plumbing

PLB10  Plumbing I  1 Semester
Plumbers protect the health of nations. Develop hands-on skills in various disciplines of commercial and residential Service Plumbing Technician. Students will study Blueprints, water distribution systems, drainage waste and vent systems, plumbing fixtures, potable water quality, water heating concepts and plumbing fixture installation. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.

Pre-Requisites:
1 Math and 1 English credit: both ‘C’ or better
2.0 GPA or equivalent standardized test scores

PLB20  Plumbing II  1 Semester
Building on the lessons from Semester 1 the student learns Isometric drawings, material takeoffs, approved submittal data, and Building Information Management (BIM). Exploring the basics of backflow and water hammer prevention, and discusses the installation of shower and tub valves, ice maker and washing machine boxes, and pipe stub outs and supports, introduction to Fuel Gas Systems and safe handling of natural gas, liquefied petroleum gas, and fuel oil, introduction to electrical safety and the principles of electricity. The student will also be exploring gas-fired, electric, tankless, heat pump, and indirect water heaters, components, and applications.

Pre-Requisites:  PLB10

PLB22  Plumbing III  2 Semesters
Students will learn the types of private waste disposal systems, discusses the maintenance and installation of these systems. Introduction to the common types of medical gas and vacuum systems, and introduces the safety requirements for installing, testing, and servicing these systems, introduction to the hydronic and solar heating systems layout, installation, testing, and balancing, techniques for sizing water supply systems, including calculating system requirements and demand, developed lengths, and pressure drops, learn how to calculate drainage fixture units for waste systems. Business Principles for Plumbers / Introduction to concepts and practices that is essential for competitive, successful plumbing businesses. Also covers basic business accounting and project estimating, as well as techniques for cost control and task organization. Also learning basic leadership skills and explains different leadership styles, communication, delegating, and problem solving. With Service Plumbing the student learns how to repair of fixtures, valves, and faucets in accordance with code and safety guidelines.

Pre-Requisites:  PLB20

PUBLIC SERVICE CAREERS

Criminal Justice

LE10  Criminal Justice I  1 Semester
Prepare for a career in the within Criminal Justice System. Training includes studies in crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills. Which will help students entering a career in the criminal justice system. Such as, law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, a college degree, or employment with criminal justice system. Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion.

Please note: Dual Enrollment for college credit is available.

Pre-Requisites:
At least 6 high school credits, including 1 Math credit and 1 English credit: ‘C’ or better
No criminal history
2.0 GPA or equivalent standardized test scores
LE20  Criminal Justice II  1 Semester
Training includes advanced study in crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills. Which will help students entering a career in the criminal justice system. Such as, law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, a college degree, or employment with criminal justice system. Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion.

Please note: Dual Enrollment for college credit is available.
Pre-Requisites:  LE10

LE25  Criminal Justice III  2 Semesters
Prepare for a career in the within Criminal Justice System. Training includes advanced study in crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills. Which will help students entering a career in the criminal justice system. Such as, law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, a college degree, or employment with criminal justice system. Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion.

Please note: Dual Enrollment for college credit is available.
Pre-Requisites:  LE20

Fire Science

FF10 or 21  Fire Science I  1 Semester
Fire Science I. Students will be introduced to firefighting basics and other emergency service related task. Students will learn the history of the fire service, fire behavior, water supply, firefighter gear and breathing apparatus and other engine company operations including fire attack and foam. Students will be completing IFSAC Firefighter I & II skill sheets.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:  2.0 GPA or equivalent standardized test scores

FF20 or 22  Fire Science II  1 Semester
Fire Science II. Students will continue working on engine company operations and also be introduced to ladder company operations. Students will learn forcible entry, search and rescue, firefighter survival and salvage and overhaul. They will also learn technical rescue, including rappelling, rope rescue, and patient packaging. Students will be completing IFSAC Firefighter I & II skill sheets.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:  FF10 or instructor approval

FF25  Fire Science III  2 Semesters
The advanced fire science course is a yearlong course designed to build upon the skills learned in fire science I & II. The students will learn about emergency vehicle operations; driving and operating the fire apparatus. The students will also learn hydraulic theory, hazardous materials response and place into practice what they learn by operating pumps, developing water supply, fire attack streams for firefighting operations and hazmat response scenarios. Students will complete a wildland firefighter training course and test for their national certification as a wildland firefighter S-130, S-190. FF 25 also covers aircraft rescue firefighting (ARFF), auto extrication and advanced search and rescue. Students will also take the emergency medical technician course, which includes an on-site hospital clinical session and will test for their national certification as an EMT. (NREMT). Students will also learn employability skills for job interviews and applications. *Students will participate in a live burn scenario day at a city fire department training facility.

Please note: Dual enrollment for college credits is available. Drug Testing will be required at some point during course. Students that fail will be removed from FF21 and repeat FF10/20.
Pre-Requisites:  2.0 GPA or equivalent standardized test scores **Human Anatomy & Physiology** highly recommended to take concurrently**
Automotive Technologies

AM10 Automotive Technologies Fundamentals 1 Semester
Train for a career in the Automotive industry through National Automotive Technicians Education Foundation (NATEF) certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of Automotive repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model vehicles and participate in work-based internship and job shadowing. In your first semester you will train in Shop safety and proper tool usage. Once mastered you will move into Automotive theory and from there you will disassemble an engine, identify the parts, measure the moving part and reassemble the engine.

Please note: Dual Enrollment for college credit is available.
Pre-Requisites: At least 6 high school credits, including 1 English credit and Pre-Algebra: ‘C’ or better
2.0 GPA or equivalent standardized test scores

AM20/30 Automotive Technologies I/II 1 Semester
(2 quarters: Q3/Q4)
In your second semester as a first year Automotive Student you will learn the proper maintenance of a vehicle. You will perform oil changes, transmission services, cabin filter replacement, starting and charging system testing and inspection. Once you complete your maintenance course you will learn the operation of cooling systems and lubrication systems. You will also learn how the hydraulic brake system operates, how suspension and driveline system works as well.
Please note: Dual Enrollment for college credit is available.
Pre-Requisites: AM10

AM35 Automotive Technologies III 1 Semester
Year 2 of the Automotive program a student will learn heating and air-conditioning, electronics and computer controls on the cars. Your final semester involves the understanding of Air brakes, ABS and traction control on a vehicle. After 4 semesters you will complete the program with a vast understating on how a vehicle runs and operates. Internships, work shadows and career fairs occur in this year.

Please note: Dual Enrollment for college credit is available.
Pre-Requisites: AM30

Aviation Transportation

AV05 Aviation Spectrum 1 Semester
This is a series of introductory classes covering various subjects from aerodynamics to specific aircraft systems. You will be actively engaged in our labs as we disassemble and reassemble actual engines during the airframe & power plant unit, construct sheet metal airfoils to fly in our wind tunnel, and test your understanding of flight instruments and flight navigation in our computer simulators. This semester is very beneficial to anyone interested in the flight or maintenance career fields. This course is the first of a two-year program culminating in the presentation of a EVIT certificate for completion for those successfully completing the two-year sequence.
Please note: Dual enrollment credit may be available. Please note: History of drug abuse may limit aviation career opportunities.
Pre-Requisites: At least 6 high school credits, including Algebra with a “B” or better
2.5 GPA or equivalent standardized test scores
AV10/AV20  Advanced Aviation I/II  1 Semester

This course in a continuation of AV05. This semester centers more on airport operations, the air traffic control field and pilot ground school subjects. They will learn about aviation related weather, aeronautical decision making skills (ADM), basic aviation physiology, aerospace navigation systems, and flight planning skills. Students that are planning to begin flight training in the second year are highly encouraged to obtain an FAA medical certificate by the end of the first semester. This also includes the completion of the FAA written private pilot (or drone operator) exam. Those planning to pursue an internship must complete an interview and acceptance from the employer.

Please note: Dual enrollment credit may be available. Please note: History of drug abuse may limit aviation career opportunities.

Pre-Requisites:  AV05

AV35  Advanced Aviation III  1 Semester

This semester the students will participate in either flight training or an internship with an aviation industry partner. We partner with CGCC as the students receive both ground and flight instruction in a Part 141 flight program run by UND. We also offer internships that would allow those interested to take their flight instruction in either airplane or helicopter at one of the local flight schools. We may offer internships and training to be a certified UAV, (Drone) operator by collaborating with our local industry partners.

Please note: Dual enrollment credit may be available. Please note: History of drug abuse may limit aviation career opportunities.

Pre-Requisites:  AV20

Collision Repair

AB10  Collision Repair I  1 Semester

Students will learn the collision repair business from A-Z in Arizona's first National Automotive Technicians Education Foundation (NATEF) certified collision program. You'll learn damage diagnosis (estimating), repair, Paint prep and refinishing techniques with paint mixing and matching and blending procedures.

Pre-Requisites:  At least 6 high school credits  
2.0 GPA or equivalent standardized test scores

AB20/AB30  Collision Repair II/III  1 Semester

Students receive I-CAR training and influence from ASE (Automotive Service Excellence) and are prepared for entry level jobs such as body or paint technician, parts procurement, production manager, insurance estimator or adjuster, paint or tool salesperson, and many other related career opportunities. Students will be introduced to aluminum repair and welding, steering and suspension systems, wheel alignment, dimensioning procedures for analyzing structural damage, adhesive bonding, anchoring procedures, structural dimensioning using mechanical and computer measuring systems, stationary glass replacement, welded panel replacement procedures including resistance spot welding and unibody sectioning. Safe and proper use of tools and equipment are covered in each area.

Pre-Requisites:  AB10

AB35  Collision Repair III/IV  2 Semesters

Students will continue their advanced studies in the collision repair business in Arizona's first National Automotive Technicians Education Foundation (NATEF) certified collision program. Advanced techniques in damage diagnosis (estimating), repair, Paint prep and refinishing techniques with paint mixing and matching and blending procedures. Students will also learn advanced single stage and 2 stage paint application, mixing paint on a computerized scale, ordering materials, removal and application of stripes and decals, color matching and blending, identifying and refinishing different types of plastics and application of special OEM coatings.

Pre-Requisites:  AB30
## Diesel Technologies

### AM63
**Diesel Technologies Fundamentals**

1 Semester

Train for a career in the Diesel Truck industry through National Automotive Technicians Education Foundation (NATEF) certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of Diesel repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model Semi Truck and participate in work-based internship and job shadowing. In your first semester you will train in Shop safety and proper tool usage. Once mastered you will move into Diesel Engine theory and from there you will disassemble an engine, identify the parts, measure the moving part and reassemble the Diesel engine.

*Please Note:* Dual Enrollment for community college is available.

**Pre-Requisites:**
- Juniors and Seniors only
- At least 1 English credit and Pre-Algebra: ‘C’ or better
- 2.0 GPA or equivalent standardized test scores
- Recommended: Prior knowledge/experience with basic automotive repair

### AM68/AM69
**Diesel Technologies I/II**

1 Semester

(2 quarters: Q3/Q4)

In your second semester as a first year Diesel Student you will learn the proper maintenance of a modern Semi Truck. You will perform oil changes, transmission services, cabin filter replacement, starting and charging system testing and inspection. Once you complete your maintenance course you will learn the operation of cooling systems and lubrication systems. You will also learn how the hydraulic brake system operates, how semi-truck suspension and driveline system works as well.

*Please Note:* Dual Enrollment for community college is available.

**Pre-Requisites:**
- AM63

### AM70
**Diesel Technologies III**

2 Semesters

Year 2 of the Diesel program a student will learn heating and air-conditioning, electronics and computer controls on the Truck and also the trailer of a semi. The final semester involves the understanding of Air brakes, ABS and traction control on a truck and trailer. After all 4 semester you will complete the program with a vast understating on how a late model semi-truck runs and operates.

*Please Note:* Dual Enrollment for community college is available.

**Pre-Requisites:**
- AM69

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*It is the policy of the East Valley Institute of Technology District #401 to provide all persons with equal employment and education opportunities regardless of race, color, sex, national origin, marital status, age or disability. District grievance procedures will be followed for compliance with Title IX and section 504 requirements. The compliance office is the EVIT Superintendent.*