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 a 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 knowledge, understanding and ability to apply skills necessary for success in college, career and life.

GOVERNING BOARD:
DeeAnne McClanahan
Michelle Helm
Berdetta Hodge
Sandy Lowe
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Published annually by the Teaching and Learning Department
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Tempe, AZ 85281-6600
(480) 967-1661

McClintock High School
1830 E. Del Rio Drive
Tempe, AZ 85282-2898
(480) 839-4222

Corona del Sol High School
1001 E. Knox Road
Tempe, AZ 85284-3299
(480) 752-8888

Marcos de Niza High School
6000 S. Lakeshore Drive
Tempe, AZ 85283-3049
(480) 838-3200

Mountain Pointe High School
4201 E. Knox Road
Phoenix, AZ 85004-4701
(480) 759-8449

Desert Vista High School
16440 S. 32nd Street
Phoenix, AZ 85044-7807
(480) 706-7900

Compadre Academy
500 W. Guadalupe Road
Tempe, AZ 85283-3599
(480) 752-3560
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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 Titulo VI, Titulo VII, Titulo IX pueden ser referidas al Director de Atletismo, y Seccion 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 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.

Registration
Student registration for courses will vary at each school. Pre-registration is conducted at each school during the spring for the next school year. Prior to registration, each school will provide registration materials and information about course offerings and selection. Questions concerning registration should be directed to the Counseling Office or the Assistant Principal for Academics. Below are documents that are required when registering a new student:

- Proof of residence (Arizona driver’s license, electric or water bill, lease agreement)
- Proof of Custody or Guardianship
- Copy of Parent/Guardian Photo Identification
- Birth Certificate
- Withdrawal Papers from previous school
- Open Enrollment Receipt (only if out of school boundaries)

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 established an open enrollment policy and implemented an open enrollment program without charging tuition for nonresident students and resident transfer students. An online Open Enrollment Application (www.tempeunion.org/TUHSDOpenEnrollApplication) must be completed. Please provide proof of Open Enrollment acceptance prior to registering your student.

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.

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 Mesa Distance Learning Program (MDLP), Community Evening School, credit recovery, 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 requirements of the classroom teachers. The Credit Recovery Program or Mesa Distance Learning may also be an appropriate option. Students should check with their counselor for options.

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 loaned 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 you 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.

Credits and Rank

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 senior 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.

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 website (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 that 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

<table>
<thead>
<tr>
<th></th>
<th>High School Graduation Requirements</th>
<th>In-State University Entrance Requirements</th>
<th>Highly Selective College Preparation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 CREDITS</td>
<td>4 CREDITS</td>
<td>4 CREDITS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>4 CREDITS</td>
<td>4 CREDITS</td>
<td>4 CREDITS</td>
</tr>
<tr>
<td></td>
<td>Algebra I</td>
<td>Algebra I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>Geometry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Algebra II</td>
<td>Algebra II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adv Math (College Math +)</td>
<td>Adv Math (College Math+)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 CREDITS</td>
<td>4 CREDITS</td>
<td>4 CREDITS</td>
</tr>
<tr>
<td></td>
<td>Algebra I</td>
<td>Algebra I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>Geometry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Algebra II</td>
<td>Algebra II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adv Math (College Math +)</td>
<td>Adv Math (College Math+)</td>
<td></td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>3 CREDITS</td>
<td>3 CREDITS</td>
<td>4 CREDITS</td>
</tr>
<tr>
<td></td>
<td>1 Physical Science</td>
<td>Laboratory Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 Life Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 Additional Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 CREDITS</td>
<td>3 CREDITS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics</td>
<td>Including Chemistry and Physics</td>
<td></td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3 CREDITS</td>
<td>2 CREDITS</td>
<td>3-4 CREDITS</td>
</tr>
<tr>
<td></td>
<td>World History/Geography</td>
<td>American History and one additional social studies course</td>
<td></td>
</tr>
<tr>
<td></td>
<td>American/Arizona History</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>US Government &amp; Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 CREDITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>In the same language</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>World Language</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fine Arts &amp; Career and Technical Education (CTE)</strong></td>
<td>2 CREDITS</td>
<td>1 CREDIT</td>
<td>1 CREDIT</td>
</tr>
<tr>
<td></td>
<td>Any combination of Fine Arts or Vocational Education/CTE (Up to 1 credit may be a Practical Art)</td>
<td>Fine Arts or CTE</td>
<td>Fine Art</td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>1 CREDIT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Health</strong></td>
<td>0.5 CREDIT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>5.5 CREDITS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (AZ state proficiency required)</td>
<td>4.0</td>
</tr>
<tr>
<td>Mathematics (AZ state proficiency required)</td>
<td>4.0</td>
</tr>
<tr>
<td>Science (minimum of 1.0 Life &amp; 1.0 Physical Sciences)</td>
<td>3.0</td>
</tr>
<tr>
<td>World History &amp; Geography</td>
<td>1.0</td>
</tr>
<tr>
<td>American/Arizona History</td>
<td>1.0</td>
</tr>
<tr>
<td>U.S./Arizona Government</td>
<td>0.5</td>
</tr>
<tr>
<td>Economics</td>
<td>0.5</td>
</tr>
<tr>
<td>Health Education</td>
<td>0.5</td>
</tr>
<tr>
<td>Physical Education*</td>
<td>1.0</td>
</tr>
<tr>
<td>Fine Arts/Practical Arts/Vocational Education (CTE)</td>
<td>1.0</td>
</tr>
<tr>
<td>Fine Arts/Vocational Education (CTE)</td>
<td>1.0</td>
</tr>
<tr>
<td>Electives</td>
<td>5.5</td>
</tr>
<tr>
<td><strong>Total credits</strong></td>
<td><strong>23.0</strong></td>
</tr>
</tbody>
</table>

*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.

**GRADUATION CODE INTERPRETATIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL</td>
<td>Elective</td>
</tr>
<tr>
<td>EF</td>
<td>Freshman English</td>
</tr>
<tr>
<td>ES</td>
<td>Sophomore English</td>
</tr>
<tr>
<td>EJ</td>
<td>Junior English</td>
</tr>
<tr>
<td>ER</td>
<td>Senior English</td>
</tr>
<tr>
<td>MA</td>
<td>Mathematics</td>
</tr>
<tr>
<td>PS</td>
<td>Physical Science</td>
</tr>
<tr>
<td>LS</td>
<td>Life Science</td>
</tr>
<tr>
<td>HG</td>
<td>World History/Geography</td>
</tr>
<tr>
<td>AA</td>
<td>American/Arizona History</td>
</tr>
<tr>
<td>GV</td>
<td>US/AZ Government</td>
</tr>
<tr>
<td>FE</td>
<td>Free Enterprise</td>
</tr>
<tr>
<td>HE</td>
<td>Health Education</td>
</tr>
<tr>
<td>PE</td>
<td>Physical Education</td>
</tr>
<tr>
<td>FA</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>PA</td>
<td>Practical Arts</td>
</tr>
<tr>
<td>VE</td>
<td>Vocational Education (CTE)</td>
</tr>
</tbody>
</table>

**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 and Saturday Schools
Evening and Saturday Schools offer all TUHSD students the opportunity to recover credits through a computer based program. Designed to be highly interactive, CES 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.

Indian Education Saturday School offers American Indian students an opportunity to take online courses beyond the school day. Sessions are also held at Compadre High School. Financial assistance may be available. Please contact the Indian Education Program Counseling Office for additional information.

### 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 guidance 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 with 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, or the high school is not able to offer the required or elective course. 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 dual 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 for further details.

### Advanced Placement (AP)
Advanced Placement (AP) courses are available at all 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 Guidance 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 and 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 Counseling Office 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, Tempe St. Luke's Hospital and Mesa Community College. 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

Cafeteria Services
The Food and Nutrition Department is dedicated to providing quality, affordable school meals to our students and school staff. The department is comprised of highly trained professionals with many years of experience. We are proud to offer several food choices to all students. In each of our cafeterias, a different Combo meal is offered daily for lunch as well as items from our grill with chicken sandwiches and burgers, deli section with sandwiches and salads, pizza line, and our full menu from Casa Solana of Mexican Fare.

Tempe Union High School District participates in the National School Lunch program. Menus are planned to meet the Federal Program requirements. These requirements have been updated to meet the recommendations of the Dietary Guidelines for Americans. Meal prices are $1.35* for breakfast and $3.00* for lunch. Please feel free to fill out an application for Free or Reduced Priced meals which are available to families who qualify. Applications are easily downloaded on our website and they are able to be submitted online at www.lunchapplication.com. They can also be obtained in each cafeteria and the front office of each school. Please allow 10 business days to process application families will be notified by mail.

Students and staff may open an account in the cafeteria. The student ID will be used to access this account and the funds. Deposits can be made into the account by cash, check, or on-line web: https://eps.mypbanking.com/cgi-bin/efs/login.pl?access=55965. No charges for meals are allowed. Visit our website at www.tempeunion.org click on Quick links Food and Nutrition.

Free and Reduced Lunch
Free and Reduced Price Meals are available to families who believe they may qualify. If your family chooses to apply please complete a “Free and Reduced Meal Price Application Form” that can be obtained and returned (completed) to any school office. You will be notified by mail of your child’s status. Until notification, you must provide your child with a lunch or lunch money. Read more about the Free Lunch Program on the District website under Food & Nutrition Department.

Refunds
There is a $30.00 processing fee for refund requests for the following tuition fees: Community Evening School, Saturday 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 Saturday School, Community 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 of receipt of the request in the District’s Business Office.

Athletics
We offer 22 athletic programs, including a wide variety of sports for girls and boys. Offerings include badminton (girls), baseball, basketball (boys and girls), cheer/spirit-line, cross country (boys and girls), football, golf (boys and girls), pompon (on some campuses), sand volleyball (girls), soccer (girls and boys), softball, swimming (boys and girls), tennis (boys and girls), track & field (boys and girls), volleyball (boys and girls) and wrestling.

To be eligible to participate in school-sponsored athletics, a student must have written parent permission, a certified birth certificate (not a copy) or a passport must be presented to the Athletics department (where a copy will be made on-site), and watch the NFHS Sport and Activities-Know the Risks video, have passed the A.I.A. Brainbook course with an 80% or better, a physical examination, be seen by the School Athletic Trainer for IMPACT Testing, have health insurance or purchase school offered insurance, enrollment in a minimum of five classes (four if a senior on track to graduate), and have passing grades in all courses in which he/she is enrolled.

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.
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 and no family maximum.
- Students must pay their fee(s) in the bookstore prior to official participation in any activity.
- 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

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<thead>
<tr>
<th>Athletics Participation</th>
<th>Other Participation</th>
<th>$50 / $150 maximum for one student</th>
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<tr>
<td>Badminton, baseball, basketball, cheer/spirit-line, cross country, football, golf, pom-pom, soccer, softball, swimming, tennis, track &amp; field, volleyball and wrestling</td>
<td>Band, chess, choir, dance, drama, guitar ensemble, literary magazine, marching band, newspaper, orchestra, percussion, speech &amp; debate (forensic), student council and yearbook</td>
<td>$50 / $150 maximum for one student</td>
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### ART

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<thead>
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<td>ART105</td>
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<td>ART110</td>
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<td>ART115</td>
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<td>ART155</td>
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<td>Introduction to Computer Graphic Art</td>
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<tr>
<td>ART210</td>
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<td>ART620</td>
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<td>ART710</td>
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# CAREER AND TECHNICAL EDUCATION (CTE)

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<td>BUS200</td>
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<td>BUS240</td>
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<td>BUS260</td>
<td>MS Excel &amp; Access</td>
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<td>BUS300</td>
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<td>BUS310</td>
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<td>TEC130</td>
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<td>TEC160</td>
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<td>TEC225</td>
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<td>PED210</td>
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<td>ENG450</td>
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### MUSIC

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<td>MUS120</td>
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<td>MUS140</td>
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<tr>
<td>MUS170</td>
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<td>MUS210</td>
<td>Beginning Orchestra</td>
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<td>MUS220</td>
<td>Concert String Orchestra</td>
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<td>MUS240</td>
<td>Chamber Orchestra</td>
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<td>MUS300</td>
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<td>MUS 310</td>
<td>Junior Varsity Band</td>
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<td>MUS320</td>
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<td>MUS330</td>
<td>Varsity Band</td>
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<td>MUS335</td>
<td>Percussion Class</td>
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<td>Music Appreciation</td>
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<td>MUS660</td>
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<td>MUS665</td>
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<td>MUS680</td>
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### THEATRE

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<td>TND150</td>
<td>Technical Theatre 1-2</td>
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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.

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

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.

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<th>11th Grade</th>
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<td><strong>General</strong></td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>PreCalculus</td>
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<td>College Mathematics</td>
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<td>Quantitative Reasoning</td>
</tr>
<tr>
<td><strong>Advanced</strong></td>
<td>Honors Geometry</td>
<td>Honors Algebra 2</td>
<td>Honors Finite Math and Honors Brief Calculus</td>
<td>AP Calculus AB</td>
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<td>Honors PreCalculus</td>
<td>AP Calculus BC</td>
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<td>AP Statistics</td>
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<td>Honors Calculus III and Differential Equations</td>
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<td>Honors Linear Algebra</td>
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<td>Honors Trigonometry</td>
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<td>Advanced Math Seminar</td>
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</tbody>
</table>

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></th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade/12th Grade</th>
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</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td>Chem-Physics Foundations</td>
<td>Biology 1-2</td>
<td>Biotechnology 1-2</td>
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<td></td>
<td>Biotechnology 3-4</td>
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<td>Advanced Biology 3-4</td>
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<td>Biology 3-4</td>
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<td>Botany 1-2</td>
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<td>Botany 3-4</td>
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<td>Chemistry 1-2</td>
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<td>Earth Science</td>
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<td>Environmental Science</td>
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<td>Exercise Science</td>
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<td>Forensic Science</td>
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<td></td>
<td>Human Anatomy and Physiology</td>
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<td>Physics 1-2</td>
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<td>Physics of Engineering</td>
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<td>Sustainability 1-2</td>
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<td>Sustainability 3-4</td>
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<td></td>
<td>Zoology/Botany</td>
</tr>
<tr>
<td><strong>Advanced</strong></td>
<td>Honors Chem-Physics</td>
<td>Honors Biology 1-2</td>
<td>Honors Advanced Biology 3-4</td>
</tr>
<tr>
<td></td>
<td>Foundations</td>
<td></td>
<td>Honors Biotechnology 1-2</td>
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<td>Honors Biotechnology 3-4</td>
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<td></td>
<td>Honors Botany 1-2</td>
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<td></td>
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<td></td>
<td>Honors Chemistry</td>
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<td>Honors Earth Science</td>
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<td>Honors Exercise Science</td>
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<td></td>
<td>Honors Human Anatomy &amp; Physiology</td>
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<td>Honors Physics 1-2</td>
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<td>Honors Physics 3-4</td>
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<td>Organic Chemistry I: Lecture and Lab</td>
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<td></td>
<td>AP Biology</td>
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<td></td>
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<td>AP Chemistry</td>
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<td>AP Environmental Science</td>
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<td>AP Physics 1</td>
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<td></td>
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<td>AP Physics 2</td>
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<td>AP Physics C</td>
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<td></td>
<td>Honors Zoology/Botany</td>
</tr>
</tbody>
</table>
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></th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td></td>
<td>World History/Geography</td>
<td>Arizona/American History</td>
<td>Economics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>US/AZ Government</td>
</tr>
<tr>
<td>Advanced</td>
<td></td>
<td>Honors World History/Geography</td>
<td>AP US History</td>
<td>Honors Economics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP World History</td>
<td></td>
<td>AP Micro/Macro Economics</td>
</tr>
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<td></td>
<td>Honors US/AZ Government</td>
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<tr>
<td></td>
<td></td>
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<td></td>
<td>AP US Government</td>
</tr>
</tbody>
</table>

For current course offerings, please see the Counseling Office.

US/AZ Government is a required class (one semester). The Economics requirement may be met by taking one semester of Economics, Business and Economic Applications or one year of Advanced Business Marketing, Honors Advanced Business Marketing or Advanced Early Childhood Studies.
2018-19 Course Offerings
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 replaces 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>Animation</th>
<th>Automotive Technologies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Accounting 1-2</td>
<td>Year 1: Animation 1-2</td>
<td>Year 1: Intro to Automotive Technology</td>
</tr>
<tr>
<td>Year 2: Accounting 3-4</td>
<td>Year 2: Animation 3-4</td>
<td>Year 2: Automotive Technology 1-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Year 3: Automotive Technology 3-4</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
<td>3 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: FBLA</td>
<td>Student Organization: FBLA</td>
<td>Student Organization: Skills USA</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Bioscience</th>
<th>Business Management</th>
<th>Business Operations Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Biotechnology 1-2</td>
<td>Year 1: Business Management</td>
<td>Year 1: Business Technology Applications 1-2</td>
</tr>
<tr>
<td>Year 2: Biotechnology 3-4</td>
<td>Year 2: Advanced Business Management</td>
<td>Year 2: Business Technology Applications 3-4</td>
</tr>
<tr>
<td></td>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: HOSA</td>
<td>Student Organization: DECA/FBLA</td>
<td>Student Organization: FBLA</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Computer Maintenance</th>
<th>Construction Technologies</th>
<th>Culinary Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Introduction to Information Technology</td>
<td>Year 1: Construction Technology 1-2</td>
<td>Year 1: Culinary Arts 1-2</td>
</tr>
<tr>
<td>Year 2: Computer Manufacturing</td>
<td>Year 2: Construction Technology 3-4</td>
<td>Year 2: Culinary Arts 3-4</td>
</tr>
<tr>
<td></td>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td>Student Organization: Skills USA</td>
<td>Student Organization: Skills USA</td>
<td>Student Organization: FCCLA</td>
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</tbody>
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<thead>
<tr>
<th>Digital Communications</th>
<th>Digital Photography</th>
<th>Early Childhood Education</th>
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</thead>
<tbody>
<tr>
<td>Year 1: Digital Communications 1-2</td>
<td>Year 1: Photography 1-2</td>
<td>Year 1: Early Childhood 1-2</td>
</tr>
<tr>
<td>Year 2: Digital Communications 3-4</td>
<td>Year 2: Photography 3-4</td>
<td>Year 2: Early Childhood 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/Skills USA</td>
<td>Student Organization: Skills USA</td>
<td>Student Organization: FCCLA/EdRising</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Engineering Sciences</th>
<th>Film &amp; TV</th>
<th>Graphics/Web Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1: Engineering 1-2</td>
<td>Year 1: Film &amp; TV Production 1-2</td>
<td>Year 1: 2-Dimensional Graphic Art 1-2</td>
</tr>
<tr>
<td>Year 2: Engineering 3-4</td>
<td>Year 2: Film &amp; TV Production 3-4</td>
<td>Year 2: 2-Dimensional Graphic Art 3-4</td>
</tr>
<tr>
<td>Year 3: Engineering 5-6</td>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
</tr>
<tr>
<td></td>
<td>Student Organization: Skills USA</td>
<td>Student Organization: FBLA/Skills USA</td>
</tr>
</tbody>
</table>

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

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<thead>
<tr>
<th><strong>Sports Medicine &amp; Rehabilitation</strong></th>
<th><strong>Sustainability</strong></th>
<th><strong>Technical Theatre</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1</strong>: Sports Medicine 1-2</td>
<td><strong>Year 1</strong>: Sustainability 1-2</td>
<td><strong>Year 1</strong>: Technical Theatre 1-2</td>
</tr>
<tr>
<td><strong>Year 2</strong>: Sports Medicine 3-4</td>
<td><strong>Year 2</strong>: Sustainability 3-4</td>
<td><strong>Year 2</strong>: Technical Theatre 3-4</td>
</tr>
<tr>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
<td>2 Years = Program Completion</td>
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<tr>
<td>Student Organization: HOSA</td>
<td>Student Organization: HOSA</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 pages 90.
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] [Board Revised 2017]
Duratio
n: 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 stock, 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] [Board Revised 2017]
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

Animation

ART605  Animation 1-2  Credit: 1.0
This course is designed to introduce students to computer animation and design. Students will prepare to become creative professionals through learning the elements of branding to enhance their depth and strategies for careers in design. Students will experience curriculum that takes them through full-scale branding projects allowing them to learn how to identify client needs, develop well-researched creative work, employ the art of typography, and craft effective character animation, and 3-D computer modeling. Students will utilize Adobe products including Illustrator, Photoshop, and Animate for 2-D computer generated design as well as Sketch-Up for 3-D modeling. Students may advance to Computer Animation and Design with 3-D Modeling 3-4 for further instruction in computer animation and design. [Board Adopted] [Board Revised 2003] [Board Revised 2016][Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $25.00

ART610  Animation 3-4  Credit: 1.0
This course is for students who have completed Computer Animation and Design with 3-D Modeling 1-2 and are ready to evolve into the next stage as creative professionals with a concentration on 3-D modeling and animation. This is a project-based course providing students with hands-on opportunities to explore stages of game models, principles of print design, and animation techniques using industry- standard computer software to create visual content. The development includes visual content from pre and post production for print design, video games, animated web content, and other media. Students will utilize 3-DS Max in addition to other industry standard software applications for digital design. Students may advance to Computer Animation and Design with 3-D Modeling 5-6 for further instruction in computer animation and design. [Board Adopted 2003] [Board Revised 2004] [Board Revised 2016] [Board Revised 2017]
Duration: 1 Year
Graduation Code: FA, VE
Course Fee: $25.00

[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]
ART615  Animation 5-6  Credit: 1.0
This course is for students who have completed Computer Animation and Design with Modeling 3-4. Examples of diverse animation genres and styles (experimental, cartoon, anime, special effects, and computer games) from different cultures will be screened, discussed and created. Students will explore the unique qualities of the computer animation medium through a series of hands-on 3-D modeling projects that can be adapted to their own personal interests. Students will learn about the professional computer animation and graphic design process (storyboard and animatic) during the production of projects that encourage them to consider the role and potential of computer animation in our society. (May be repeated for credit)  [Board Adopted 2016][Board Revised 2017]
Duration: 1 Year  Course Fee: $25.00
Graduation Code: FA, VE

Automotive Technologies

TEC200  Introduction to Automotive Technology  Credit: 1.0
This program gives the student a broad exposure to many different technologies, high-tech tools of technology, and technological concepts. The student will acquire knowledge and become skilled in the use of some of the most powerful technologies and concepts in the world. The lab is designed to develop problem-solving, critical-thinking, research, and documentation skills. This course prepares students for further study in the area of Industrial Technology. A strong emphasis will be placed on preparing the student for the Automotive Technology Program. [Board Adopted] [Board Revised 2007]  [Board Revised 2017]
Duration: 1 Year  Course Fee: $20.00
Graduation Code: VE

TEC210  Automotive Technology 1-2  Credit: 1.0
This class 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 Adopted1998] [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

TEC225  Automotive Technology 7-8  Credit: 1.0
Automotive Technology 7-8 is an advanced application of automotive mechanics, and will serve as a capstone experience for students who have previously completed three years of automotive coursework. 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 employment in the automotive industry. [Board Adopted 2012]
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

[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]
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

**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  
**Course Fee:** $50.00  
**Graduation Code:** LS, VE

### 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  
**Course Fee:** $10.00  
**Graduation Code:** VE

**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  
**Course Fee:** $10.00  
**Graduation Code:** VE

**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 Sem  
**Course Fee:** $10.00  
**Graduation Code:** VE

**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 Sem  
**Course Fee:** $10.00  
**Graduation Code:** VE

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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]
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 TUHSD economics credit requirements.) [Board Adopted 2000] [Board Revised 2003] [Board Revised 2007] [Board Revised 2017]
*Duration: 1 Sem
Graduation Code: FE, VE

BUS620  Advanced Business Management  Credit: 1.0
BUS630  Advanced Business Management Internship  Credit: 2.0
Advanced Business Management Internship is a work-related program for college-bound or career-oriented seniors. Students will be employed in a business environment. Students attend class in the morning and are released for their employment in the afternoon. This course provides students with an understanding of the familiarity with internet and e-commerce; organizational management, human relations and team building skills; spreadsheet and data base management functions; word processing skills; personal and professional ethics; personal financial skills; communication skills; electronic presentations in public speaking; employment and career skills, and free enterprise. Students may experience applications supporting the Arizona Academic Math Standards. (This course meets state economic standards and the TUHSD economics credit requirement.) [Board Adopted 2000] [Board Revised 2007][Revised 2012] [Board Revised 2017]
*Duration: 1 Year
Course Fee (BUS620): $25.00
Graduation Code: FE, VE

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

BUS240  Certified Microsoft Word and PowerPoint User  Credit: 0.5
Due to rapid advances of enterprise-wide computing, a growing number of corporations need to find experts who have an in-depth understanding of Microsoft Word and PowerPoint. This is Course 6 of the Certified Microsoft Office User Curriculum. This course is new to the Microsoft Certification program. [Board Adopted 1997] [Board Revised 2003]
*Duration: 1 Sem
Course Fee: $10.00
Graduation Code: VE

BUS260  Microsoft Excel and Access Expert*  Credit: 0.5
Students will learn skills to solve business problems in Excel using: calculations, forecasting, projections, macro programming, database searching, extraction, linking, statistics, matrix manipulation, and production of graphs and reports. In Access students will: create relationships with tables, build summary queries, calculate fields, multiple queries, create sub forms, link and import data, build order forms for the Internet, create validations for text, set look up fields, and use expressions in calculated controls. This course will assist students preparing for Microsoft certification exams. The student may experience applications supporting the Arizona Math Standards. [Board Adopted 2000] [Board Revised 2003]
*Duration: 1 Sem
Course Fee: $10.00
Graduation Code: VE

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[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[† = Requi res student IEP to earn NCAA core rank] [*
= Weighted rank status]
standards. Particular emphasis is given to the use of decision-making and problem solving techniques in applying science, mathematics, communication, networks, Open System Interconnection models, cabling, cabling tools, routers, router programming, Ethernet, Internet Protocol addressing, and network troubleshooting and refurbishment of 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 2001]
**Duration:** 1 Year
**Graduation Code:** FE, VE
**Course Fee:** $20.00

**Introduction to Information Technology**

- **Credit:** 1.0
- **Course Fee:** $25.00

**Construction Technologies**

- **TEC300** Construction Technology 1-2
- **Credit:** 1.0
- **Course Fee:** $40.00

- **TEC315** Construction Technology 3-4
- **Credit:** 1.0
- **Course Fee:** $40.00

- **TEC320** Construction Technology 5-6
- **Credit:** 1.0
- **Course Fee:** $40.00

[Underline = NCAA Approved Core Course]
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]
[* = Weighted rank status]
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. The 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 will 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

FCS130 Culinary Arts Lab
Credit: 1.0
The Culinary Arts Lab is an opportunity for students to work in a culinary environment, and will serve as an internship experience for students who have previously completed at least two years of culinary coursework. The lab experience will prepare 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. (May be repeated for credit) [Board Adopted 2009] [Board Revised 2012]
Duration: 1 Year
Graduation Code: VE

FCS150 Advanced Culinary Arts Studies
Credit: 1.0

FCS160 Advanced Culinary Arts Studies Internship
Credit: 2.0
The Advanced Culinary Arts Studies program is a three-credit course for seniors that consists of a daily schedule of one period of classroom instruction and a two period lab for work experience. This class includes learning to balance work and personal life, examining the world of work, learning to be successful on the job, practical economic concepts and participation in the FCCLA club. Students may experience applications supporting Arizona College and Career Readiness Literacy and Math Standards. On the job, students are employed in the area of food service. The teacher-coordinator and the employer supervise the work experience. Internship students work a minimum of 15 hours per week and earn wages as well as receive Free Enterprise and Career and Technical Education requirement needed for graduation. (This course meets state economic standards and the TUHSD Free Enterprise credit requirement.) [Board Adopted 2016]
Duration: 1 Year
Graduation Code: FE, VE
Digital Communications

CMT701 Digital Communications 1-2 Credit: 1.0
This class is designed to teach the basic skills of digital communications including how to obtain accurate information from sources and use professional etiquette for print, web, email, and social media based communication platforms. Students will learn layout design, and how to create headlines, captions, copy, and stories using appropriate electronic publishing and multimedia software. They will also use computer technology to manage, transfer, and deliver digital communications. Students will analyze the media industry, its business practices, and its role in the economy including how social media, cultural diversity, and ethics impact this industry. They will also investigate intellectual property law and rights management including the topics of plagiarism, copyrights, and fair use regulations. Students may be involved in producing print and digital publications for the school yearbook and newspaper. 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]
Duration: 1 Year
Graduation Code: VE

CMT703 Digital Communications 3-4 Credit: 1.0
This class is for students who have completed Digital Communications 1-2 and want to continue developing skills of digital communications 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 digital communications. 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 digital communications and may assume editorial staff 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]
Duration: 1 Year
Graduation Code: VE

CMT705 Digital Communications 5-6 Credit: 1.0
This class 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]
Duration: 1 Year
Graduation Code: VE

CMT707 Digital Communications 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]
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, photjournalism, 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

CMT803 Honors Digital Communications 3-4 Credit: 1.0
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 1-2 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 3-4 curriculum while including additional rigorous coursework and requirements in areas of production, design, technology, leadership and portfolio development. [Board Adopted 2017]
Duration: 1 Year
Graduation Code: VE

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[italics underline] = Requires student IEP to earn NCAA core rank]
* = Weighted rank status]
CMT805  Honors Digital Communications 5-6  
Credit: 1.0  
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]  
Duration: 1 Year  
Graduation Code: VE

CMT807  Honors Digital Communications 7-8  
Credit: 1.0  
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 7-8 curriculum while including additional rigorous coursework and requirements in areas of production, design, technology, leadership and portfolio development. [Board Adopted 2017]  
Duration: 1 Year  
Graduation Code: VE

Digital Photography

ART410  Photography 1-2  
Credit: 1.0  
This course is designed to introduce students to basic techniques in black and white photography and its application as an art form. Information covered includes: Camera, film, film developing, printing, chemicals, history of photography, and principles of composition. Students will become acquainted with the application of photography as a means of artistic expression. For further instruction in photography, student may take Photography 3-4. [Board Adopted 1997]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $40.00

ART415  Photography 3-4  
Credit: 1.0  
This course is designed to introduce students to basic techniques in digital photography and its application as an art form. Information covered includes: Digital camera, editing software, printing, studio lighting, history of photography, and principles of composition. Students will become acquainted with the application of photography as a means of artistic expression. For further instruction in Photography, student may take Photography 5-6. [Board Adopted 1997] [Board Revised 2013]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00

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]  
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]  
Duration: 1 Year  
Graduation Code: FA, VE  
Course Fee: $50.00

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 and Advanced Early Childhood Studies. [Board Adopted 2009]  
Duration: 1 Year  
Graduation Code: VE  
Course Fee: $30.00

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[b] = Requires student IEP to earn NCAA core rank]
[*] = Weighted rank status
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
Graduation Code: VE
Course Fee: $35.00

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
Graduation Code: VE
Course Fee: $50.00

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
Graduation Code: VE
Course Fee: $50.00

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 2005] [Board Revised 2009]
Duration: 1 Year
Graduation Code: VE
Course Fee: $50.00

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
Graduation Code: VE
Course Fee: $50.00

FCS600 Advanced Early Childhood Studies Credit: 1.0
FCS610 Advanced Early Childhood Studies Internship Credit: 2.0
The Advanced Early Childhood Studies program is a three-credit course for seniors that consists of a daily schedule of one period of classroom instruction plus a two period lab for work experience. The class includes learning to balance work and personal life, examining the world of work, learning to be successful on the job, practical economic concepts and participation in the Advanced Early Childhood Studies club. Students may experience applications supporting the Arizona Academic Math Standards. On the job, students are employed in the areas of fashion, hospitality and food service, interior design, childcare, facility services, and health related fields. The teacher-coordinator and the employer supervise the work experience. Advanced Early Childhood Studies students work a minimum of 15 hours per week and earn wages as well as receive Economics and Vocational Education requirements needed for graduation. (This course meets state economic standards and the TUHSD economics credit requirement.) [Board Adopted 2000] [Board Revised 2013] [Board Revised 2015] [Board Revised 2016]
Duration: 1 Year
Graduation Code: FE, VE
Course Fee (FCS600): $40.00

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
Graduation Code: VE
Course Fee: $30.00

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
Graduation Code: VE
Course Fee: $50.00

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[R = Requires student IEP to earn NCAA core rank]
[* = Weighted rank status]
TEC120 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]
Duration: 1 Year
Graduation Code: VE
Course Fee: $50.00

TEC130 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]
Duration: 1 Year
Graduation Code: VE
Course Fee: $50.00

SCI435 Physics of Engineering Credit: 1.0
This course is designed for students who are Career & Technical Education and/or college bound. It is a second-year course to follow either “Introduction to Physics” or “Physics 1-2”. The material takes concepts acquired in the first year of physics and expands on it to include many of the latest technological concepts utilized throughout industry. The course examines momentum, waves, vibrations, energy converters, transducers, radiation, optics and optical systems, and time constraints. Hands-on experiences prepare students for further training and future job placement in high-tech industries. [Board Adopted] [Board Revised 2016]
Duration: 1 Year
Graduation Code: PS, VE

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

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
Course Fee: $25.00

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
Course Fee: $25.00

[Underline = NCAA Approved Core Course]  
[† = Course must be taken in conjunction w/another to meet Grad. Requirement]  
[R = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
**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  
**Course Fee:** $25.00  
**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  
**Course Fee:** $25.00  
**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  
**Course Fee:** $25.00  
**Graduation Code:** FA, VE

**Law, Public Safety and Security**

**SST700**  Criminal Justice 1  
Credit: 0.5  
Criminal Justice is an elective course designed to provide the student with a basic understanding of the concepts, processes and institutions of the Criminal Justice system; to provide an understanding and appreciation of how laws work to meet human problems; and how interpretations of laws change to meet the needs of a changing social order. This course will include such topics as the juvenile justice system, courts, law enforcement, careers in criminal justice, corrections, and the background to the criminal justice system. [Board Adopted] [Board Revised 2016]  
**Duration:** 1 Sem  
**Graduation Code:** VE

**SST710**  Criminal Justice 2  
Credit: 0.5  
The second semester class is an in-depth study of the agencies and processes involved in the criminal justice system including the legislature, the police, the prosecutor, the public defender, the courts, and corrections. Students will analyze the roles and problems of the criminal justice system in a democratic society, with an emphasis upon inter-component relations and checks and balances. The student will be given the opportunity to examine the components and procedures followed in the administration of law enforcement, adjudication and post-conviction processes and strategies in American society. Students will compare and contrast the interaction and organization of federal, state and local agencies that are components of the criminal justice process. Students will assess future trends in law enforcement, adjudication and post-conviction processes. [Board Adopted 2015] [Board Revised 2016]  
**Duration:** 1 Sem  
**Graduation Code:** VE

**SST712**  Criminal Justice Lab  
Credit: 0.5  
This lab is designed to give hands-on and work-based training to students who have fulfilled requirements of Criminal Justice 1-2. Students will have opportunities for field experiences in a variety of fields relating to Law, Public Safety, and Security. The Courtroom Experience, Tour of the Police Academy, Crime Lab Tour, and Introduction of the Police Explorer Program, are a few examples of potential experiences for students. (May be repeated for credit) [Board Adopted 2017]  
**Duration:** 1 Semester  
**Graduation Code:** VE

**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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[* = Weighted rank status]
Marketing

**BUS300 Hospitality and Tourism Marketing**  
Credit: 0.5  
Hospitability 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, and sponsorship proposals. 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 Sem  
**Graduation Code:** VE  
**Course Fee:** $10.00

**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 Sem  
**Graduation Code:** VE  
**Course Fee:** $10.00

**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

**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

**BUS600 Advanced Business Marketing**  
Credit: 1.0  
This course utilizes a cooperative education methodology to combine school based and supervised work-based learning experiences. It 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 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 TUHSD economics credit requirement.) [Board Adopted] [Board Revised 2003] [Board Revised 2007] [Board Revised 2012]  
**Duration:** 1 Year  
**Graduation Code:** FE, VE  
**Course Fee (BUS600):** $25.00

**BUS610 Honors Advanced Business Marketing**  
Credit: 1.0  
Students who enroll in this class will be required to complete an extensive research project in Advanced Business Marketing for honors credit. This course utilizes a cooperative education methodology to combine school based and supervised work-based learning experiences. Honors Advanced Business Marketing 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 AZ Economics Standards: implications of scarcity, analysis of current events, interdependence of households and firms, microeconomics, the economic role of government, economic impact of international trade, and financial choices. Students will also experience application of the following AZ Academic math Standards: number sense, data analysis and probability, patterns and algebra, discrete math, and logic. (This course meets state economic standards and the TUHSD economics credit requirement). [Board Adopted 2014]  
**Duration:** 1 Year  
**Graduation Code:** FE, VE  
**Course Fee:** $25.00

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Software and App Design

MAT600  Honors Computer: Programming 1-2*  Credit: 1.0
This college level course is designed to introduce the student to computer programming. Structured programming techniques will be developed through the use of algorithms. Problems from various subject areas will utilize advanced concepts such as data files, arrays and records. In cooperation with Rio Salado Community College, the student may enroll concurrently in the corresponding college course to receive college credit. [Board Adopted 2000] [Board Revised 2005]
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]
Duration: 1 Year
Graduation Code: MA, VE

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, economic, 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, to 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]
Duration: 1 Year
Graduation Code: MA, VE

TEC150  Engineering Mobile Apps 3-4  Credit: 1.0
The Engineering Mobile Apps 3-4 class serves as introduction to and gives the student a broad exposure to mobile application development. The students will acquire knowledge and skills related to mobile apps through project based learning. This program is designed to develop problem-solving, critical-thinking, research, documentation, and development of real-world applications utilizing a collaborative learning center stations. [Board Adopted 2014]
Course Fee: $30.00
Duration: 1 Year
Graduation Code: VE

TEC155  App Development 5-6  Credit: 1.0
The App Development 5-6 class serves as continuation of Engineering Apps 3-4 and gives the student a more detailed experience within mobile application development. The students will acquire more detailed knowledge and skill related to mobile apps through project based learning. The student will acquire knowledge in the design and programming of Gaming Apps curriculum. This program is designed to continue their problem-solving, critical-thinking, research, documentation, and development of real-world applications utilizing a collaborative learning center stations. Student teams will have the opportunity to participate in mobile app design within National STEM based app challenges. [Board Adopted 2014] [Board Revised 2017]
Course Fee: $30.00
Duration: 1 Year
Graduation Code: VE

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[* = Weighted rank status]
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]

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]

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, costumes, makeup, 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] Course Fee: $50.00

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]

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]

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]
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 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 an 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 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. [Board Adopted 2017]

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

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[* = Weighted rank status]
**ENG240**  
**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]  
*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*

**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 Sem  
Graduation Code: EJ*

**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 Sem  
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 Sem  
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 Sem  
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 Sem
Graduation Code: ER

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: EL

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 Sem
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 to 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 Sem
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 Sem
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: EL

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[* = Weighted rank status]
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 Sem  Course Fee: $20.00
Graduation Code: EL

English Language Development (ELD) –Speaking & Listening  Credit: 1.0
ENG510  (Pre-emergent)
ENG512  (Emergent)
ENG514  (Basic)
ENG516  (Intermediate)
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 learn about academic culture related to school success, as well as student life skills for understanding school, community, regional and national cultures. (May be repeated for credit) [Board Adopted 2015]
Duration: 1 Year
Graduation Code: EF, ES, EJ, ER

English Language Development (ELD) – Reading  Credit: 1.0
ENG520  (Pre-emergent)
ENG522  (Emergent)
ENG524  (Basic)
ENG526  (Intermediate)
In a highly structure 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 and writing about text. Students will learn the importance of fluency, vocabulary, and summarizing in the development of reading comprehension. (May be repeated for credit) [Board Adopted 2015]
Duration: 1 Year
Graduation Code: EF, ES, EJ, ER

English Language Development (ELD) – Grammar  Credit: 1.0
ENG530  (Pre-emergent)
ENG532  (Emergent)
ENG534  (Basic)
ENG536  (Intermediate)
This course introduces 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. (May be repeated for credit) [Board Adopted 2015]
Duration: 1 Year
Graduation Code: EF, ES, EJ, ER

English Language Development (ELD) – Writing  Credit: 1.0
ENG540  (Pre-emergent)
ENG542  (Emergent)
ENG544  (Basic)
ENG546  (Intermediate)
This course is 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, essay descriptive, narrative, and first person). Students will learn specific skills for pre-writing, draft composition, 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]
Duration: 1 Year
Graduation Code: EF, ES, EJ, ER

ENG602  Forensic Speech 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. 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 2006]
Duration: 1 Year
Graduation Code: EL
ENG604  Forensic Speech 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 Forensics Speech 1-2, or one full year of speech and debate competition. Students will learn and practice advanced acting skills and rhetorical skills through the study of Stanislavski, classical rhetoric, and will also learn differential performance mediums and advanced performance evaluation tools. 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

ENG606  Forensic Speech 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 Forensics Speech 3-4, or two years of competitive speech and debate experience. Students in Forensics 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

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 produce 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-Douglass, 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-Douglass, 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

[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]*
[= Weighted rank status]
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 the impact of 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 Sem
Graduation Code: EL

ENG622  Public Speaking  Credit: 0.5
The course of study in this one semester course is designed to develop the student's 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 Sem
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
Course Fee: $30.00
Graduation Code: EL

ENG802  Reading 1-2  Credit: 1.0
This course is open to entering 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. 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 Sem
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: 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

### Fine Arts

**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

**ART105  Honors Art 1-2**  
Credit: 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]
Duration: 1 Year
Graduation Code: FA
Course Fee: $50.00

**ART110  Honors Art 3-4**  
Credit: 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]
Duration: 1 Year
Graduation Code: FA
Course Fee: $50.00

**ART115  Honors Art 5-6**  
Credit: 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]
Duration: 1 Year
Graduation Code: FA
Course Fee: $50.00

**ART130  Art History**  
Credit: 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]
Duration: 1 Year
Graduation Code: FA
Course Fee: $15.00

[Underline = NCAA Approved Core Course]
[ † = Course must be taken in conjunction w/another to meet Grad. Requirement]
ART150  AP Art History* Credit: 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]
Duration: 1 Year
Graduation Code: FA

ART155  AP Studio Art* Credit: 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]
Duration: 1 Year
Course Fee: $50.00
Graduation Code: FA

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]
Duration: 1 Year
Course Fee: $25.00
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]
Duration: 1 Year
Course Fee: $25.00
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]
Duration: 1 Year
Course Fee: $25.00
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]
Duration: 1 Year
Course Fee: $25.00
Graduation Code: FA, VE

ART310  Drawing and Painting 1-2 Credit: 1.0
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]
Duration: 1 Year
Course Fee: $35.00
Graduation Code: FA

ART315  Drawing and Painting 3-4 Credit: 1.0
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]
Duration: 1 Year
Course Fee: $35.00
Graduation Code: FA

[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]
ART320  Drawing and Painting 5-6  
Credit: 1.0
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 of 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]  
Duration: 1 Year  
Course Fee: $35.00  
Graduation Code: FA

ART410  Photography 1-2  
Credit: 1.0
This course is designed to introduce students to basic techniques in black and white photography and its application as an art form. Information covered includes: Camera, film, film developing, printing, chemicals, history of photography, and principles of composition. Students will become acquainted with the application of photography as a means of artistic expression. For further instruction in photography, student may take Photography 3-4. [Board Adopted 1997]  
Duration: 1 Year  
Course Fee: $40.00  
Graduation Code: FA, VE

ART415  Photography 3-4  
Credit: 1.0
This course is designed to introduce students to basic techniques in digital photography and its application as an art form. Information covered includes: Digital camera, editing software, printing, studio lighting, history of photography, and principles of composition. Students will become acquainted with the application of photography as a means of artistic expression and how digital photography has impacted society and culture. For further instruction in Photography, student may take Photography 5-6. [Board Adopted 1997]  
Duration: 1 Year  
Course Fee: $50.00  
Graduation Code: FA, VE

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]  
Duration: 1 Year  
Course Fee: $50.00  
Graduation Code: FA, VE

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]  
Duration: 1 Year  
Course Fee: $50.00  
Graduation Code: FA, VE

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  
Course Fee: $35.00  
Graduation Code: FA

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  
Course Fee: $35.00  
Graduation Code: FA

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  
Course Fee: $35.00  
Graduation Code: FA

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 advance glazing and surface manipulation techniques. [Board Adopted 1997]  
Duration: 1 Year  
Course Fee: $35.00  
Graduation Code: FA

[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]
ART605  Animation 1-2  
**Credit: 1.0**
This course is designed to introduce students to computer animation and design. Students will prepare to become creative professionals through learning the elements of branding to enhance their depth and strategies for careers in design. Students will experience curriculum that takes them through full-scale branding projects allowing them to learn how to identify client needs, develop well-researched creative work, employ the art of typography, and craft effective character animation, and 3-D computer modeling. Students will utilize Adobe products including Illustrator, Photoshop, and Animate for 2-D computer generated design as well as Sketch-Up for 3-D modeling. Students may advance to Computer Animation and Design with 3-D Modeling 3-4 for further instruction in computer animation and design. [Board Adopted] [Board Revised 2003] [Board Revised 2016] [Board Revised 2017]
**Duration: 1 Year**
**Course Fee: $25.00**
**Graduation Code: FA, VE**

ART610  Animation 3-4  
**Credit: 1.0**
This course is for students who have completed Computer Animation and Design with 3-D Modeling 1-2 and are ready to evolve into the next stage as creative professionals with a concentration on 3-D modeling and animation. This is a project-based course providing students with hands-on opportunities to explore stages of game models, principles of print design, and animation techniques using industry-standard computer software to create visual content. The development includes visual content from pre and post production for print design, video games, animated web content, and other media. Students will utilize 3-DS Max in addition to other industry standard software applications for digital design. Students may advance to Computer Animation and Design with 3-D Modeling 5-6 for further instruction in computer animation and design. [Board Adopted 2003] [Board Revised 2004] [Board Revised 2016] [Board Revised 2017]
**Duration: 1 Year**
**Course Fee: $25.00**
**Graduation Code: FA, VE**

ART615  Animation 5-6  
**Credit: 1.0**
This course is for students who have completed Computer Animation and Design with Modeling 3-4. Examples of diverse animation genres and styles (experimental, cartoon, anime, special effects, and computer games) from different cultures will be screened, discussed and created. Students will explore the unique qualities of the computer animation medium through a series of hands-on 3-D modeling projects that can be adapted to their own personal interests. Students will learn about the professional computer animation and graphic design process (storyboard and animatic) during the production of projects that encourage them to consider the role and potential of computer animation in our society. (May be repeated for credit) [Board Adopted 2016] [Board Revised 2017]
**Duration: 1 Year**
**Course Fee: $25.00**
**Graduation Code: FA, VE**

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: $25.00**
**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, papermaking 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, papermaking, 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**

[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]
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
<th>Description</th>
<th>Graduation Code</th>
<th>Duration</th>
<th>Course Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS130</td>
<td>Choir 5-6</td>
<td>1.0</td>
<td>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]</td>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</tr>
<tr>
<td>MUS140</td>
<td>Choir 7-8</td>
<td>1.0</td>
<td>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 technique are taught through an emphasis on jazz and madrigal literature. Increased performance requirement. (May be repeated for credit) [Board Adopted 1997]</td>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</tr>
<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>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</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>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</tr>
<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>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</tr>
<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>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</tr>
<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>
<td>FA</td>
<td>1 Sem</td>
<td>$30.00</td>
</tr>
<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>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</tr>
<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>
<td>FA</td>
<td>1 Year</td>
<td>$30.00</td>
</tr>
</tbody>
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[Rails underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
MUS330  Varsity Band  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  
Course Fee: $30.00  
Graduation Code: FA

MUS355 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  
Course Fee: $30.00  
Graduation Code: FA

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  
Course Fee: $30.00  
Graduation Code: FA

MUS360 Mariachi  Credit: 1.0
This course introduces students to a wide and rich variety of mariachi ensemble repertoire. The class is designed for the student who is interested in learning about mariachi music and in performing mariachi music. It includes the development of skills necessary to become an excellent musician. This course emphasizes the place of mariachi music in Mexican musical heritage, as well as, its growth around the world as a distinct musical genre. This course is open to students who already play the violin, viola, cello or bass. Trumpet and flute students are also welcomed if they are also enrolled in a concert band class. [Board Adopted 2015]  
Duration: 1 Year  
Course Fee: $15.00  
Graduation Code: FA

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  
Course Fee: $30.00  
Graduation Code: FA

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  
Course Fee: $30.00  
Graduation Code: FA

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  
Course Fee: $30.00  
Graduation Code: FA

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  
Course Fee: $20.00  
Graduation Code: FA

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  
Course Fee: $20.00  
Graduation Code: FA

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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 advanced 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 course is especially valuable to 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
Course Fee: $20.00
Graduation Code: FA

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
Course Fee: $30.00
Graduation Code: FA

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
Course Fee: $20.00
Graduation Code: FA

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
Course Fee: $15.00
Graduation Code: FA

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

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 Sem
Course Fee: $15.00
Graduation Code: FA

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 Sem
Course Fee: $15.00
Graduation Code: FA

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 Sem
Course Fee: $15.00
Graduation Code: FA

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Theatre

TND110    Theatre 1-2
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
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
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, play writing, 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
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
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
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
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

TND170    Honors Theatre Exploration and Performance*
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. [Board Adopted 2016]
Duration: 1 Year
Graduation Code: FA
Course Fee: $15.00

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**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. [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*

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Graduation Code: EL  
Duration: 1 Year

2002 [Board Revised 2005]

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

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

Mathematics

MAT100 Algebra 1 Credit: 1.0
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 1-2. [Board Adopted 2000][Board Revised 2017]

Duration: 1 Year
Graduation Code: MA

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

MAT200 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. Students who successfully complete this course with a grade of “C” or higher should be prepared for Algebra 3-4. [Board Adopted 2000][Board Revised 2017]

Duration: 1 Year
Graduation Code: MA

MAT210 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][Board Revised 2017]

Duration: 1 Year
Graduation Code: MA

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MAT300  Algebra 2  Credit: 1.0
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 3-4 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]
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 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 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]
Duration: 1 Year
Graduation Code: MA

MAT350  Quantitative Reasoning  Credit: 1.0
The abilities to interpret and reason with quantitative information - information that involves mathematical ideas or numbers – are crucial aspects of literacy. These abilities, often called quantitative reasoning, or quantitative literacy, are essential to understanding issues that appear in the news every day. The purpose if this course is to help you gain skills in quantitative reasoning as it applies to issues you will encounter in your subsequent coursework (e.g. college), your career, and your daily life. There is no escaping the importance of mathematics on the modern world. However, for most people, the importance of mathematics lies not in its abstract ideas, but in its application to personal and social issues. Whatever your interests- 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]
Duration: 1 Year
Graduation Code: MA

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 that 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 3-4 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 Sem
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 Sem
Graduation Code: MA

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[* = Weighted rank status]
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 Sem  
**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

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 Sem  
**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 Sem  
**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, I & II sample and tests, I & 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

[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]
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, VE**

MAT600  Honors Computer: Programming 1-2*  
**Credit: 1.0**
This college level course is designed to introduce the student to computer programming. Structured programming techniques will be developed through the use of algorithms. Problems from various subject areas will utilize advanced concepts such as data files, arrays and records. In cooperation with Rio Salado Community College, the student may enroll concurrently in the corresponding college course to receive college credit. [Board Adopted 2000] [Board Revised 2005] [Board Revised 2016]

**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**

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**

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 Math Standards 1-2, Math Standards 3-4, Algebra 1-2 and Geometry. (May be repeated for credit) (Course is available only at Title I schools.) [Board Adopted 2004]

**Duration: 1 Year**
**Graduation Code: MA, VE**

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 at the third year Math level. This course will provide the needed support to be successful as they take Algebra 3-4 (2). 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 3-4 (2). [Board Adopted 2017]

**Duration: 1 Year**
**Graduation Code: EL**

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

Personal Development

FCS200 Life 101 Credit: 1.0
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]
Duration: 1 Year
Graduation Code: EL
Course Fee: $20.00

FCS205 Life Choices Credit: 1.0
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]
Duration: 1 Year
Graduation Code: EL
Course Fee: $30.00

PDV100 Adancement via Individual Determination (AVID) Credit: 1.0
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]
Duration: 1 Year
Graduation Code: EL

PDV200 Academic Lab Credit: N/A
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]
Duration: 1 Sem
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]
PDV300  Career Exploration  Credit: 1.0  
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 120 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]  
Duration: 1 Year  
Graduation Code: EL

PDV310  Jobs for Arizona’s Graduates  Credit: 1.0  
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]  
Duration: 1 Year  
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 Sem  
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 2008]  
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

[Underline = NCAA Approved Core Course]  
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[Bold underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
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 Sem
Graduation Code: EL

PED100  Physical Education 1-2  Credit: 1.0
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]
*Duration: 1 Year
Graduation Code: PE

PED110  Physical Education 3-8  Credit: 1.0
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]
*Duration: 1 Year
Graduation Code: PE

PED115  Fitness  Credit: 0.5
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]
*Duration: 1 Sem
Graduation Code: EL

PED117  Lifetime Personal Fitness and Wellness  Credit: 0.5
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]
*Duration: 1 Semester
Graduation Code: EL

PED120  Sports Strength & Performance  Credit: 1.0
This course is designed to meet the needs of the highly skilled student. (May be repeated for credit) [Board Adopted 1998] [Board Revised 2017]
*Duration: 1 Year
Graduation Code: PE

PED125  Honors Advanced Physical Education*  Credit: 1.0
This course is designed to give the gifted and talented athlete in-depth experience in performance and fitness training methodologies and techniques. Student’s 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]
*Duration: 1 Year
Graduation Code: PE

PED130  Net Games and Racquet Sports  Credit: 1.0
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]
*Duration: 1 Year
Graduation Code: PE

PED140  Adaptive Physical Education  Credit: 1.0
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]
*Duration: 1 Year
Graduation Code: PE

[Underline = NCAA Approved Core Course]
[ † = Course must be taken in conjunction w/another to meet Grad. Requirement]
### PED150  Weight Training 1-2  Credit: 1.0
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]
**Duration:** 1 Year  
**Graduation Code:** EL

### 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]
**Duration:** 1 Year  
**Graduation Code:** EL

### 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. [Board Adopted 1998]
**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 will include music for dance, production, performance and audition techniques. (May be repeated for credit) [Board Adopted 1998]
**Duration:** 1 Year  
**Course Fee:** $10.00  
**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  
**Course Fee:** $10.00  
**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  
**Course Fee:** $10.00  
**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 off of 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 Sem  
**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]
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 Sem
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 Sem
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  Chem-Physics Foundations  Credit 1.0
Chem-Physics Foundations is a laboratory-credit course that integrates algebra, chemistry, physics and earth science fundamentals. This class is strongly recommended as a foundation course for biology, chemistry, and physics. [Board Adopted 1999]

Duration: 1 Year
Graduation Code: PS

SCI110  Honors Chem-Physics Foundations*  Credit: 1.0
Honors Chem-Physics Foundations is a laboratory-credit course that integrates algebra, chemistry, physics and earth science fundamentals. This class is strongly recommended as a foundation course for biology, chemistry and physics. This honors’ curriculum further extends the concepts covered to include more complex analyses and ideas. [Board Adopted 1999]

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

SCI190  Physical World  Credit: 1.0
Physical World 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 physical science concepts and how they are applied to everyday life. [Board Adopted 1999]

Duration: 1 Year
Graduation Code: PS

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

*[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]
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*

SCI215  **Advanced Biology 3-4**  
Credit: 1.0  
This course is designed for college-bound 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]  
*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 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 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*
SCI290  Living World  Credit: 1.0
Living world 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 and how they are applied to everyday life. [Board Adopted 1999]  
_DURATION: 1 Year  
Graduation Code: LS

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

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, optics, 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

* = 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]
SCI440     AP Physics 2* Credit: 1.0
AP Physics 2 course is an algebra based, introductory college-level physics course. 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

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 in 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

SCI460     Physics of Engineering Credit: 1.0
This course is designed for students who are Career & Technical Education and/or college bound. It is a second-year course to follow either “Introduction to Physics” or “Physics 1-2”. The material takes concepts acquired in the first year of physics and expands on it to include many of the latest technological concepts utilized throughout industry. The course examines momentum, waves, vibrations, energy converters, transducers, radiation, optics and optical systems, and time constraints. Hands-on experiences prepare students for further training and future job placement in high-tech industries. [Board Adopted] [Board Revised 2016]
Duration: 1 Year
Graduation Code: PS, VE

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 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 Sem
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 Sem
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]
Duration: 1 Year
Graduation Code: LS, VE
SCI525  Sustainability 3-4  
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]  
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Duration: 1 Year  
Graduation Code: LS, VE

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SCI600  Human Anatomy and Physiology  
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]  
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Duration: 1 Year  
Graduation Code: LS

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SCI605  Honors Human Anatomy and Physiology*  
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]  
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Duration: 1 Year  
Graduation Code: LS

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SCI620  Exercise Physiology  
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]  
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Duration: 1 Year  
Graduation Code: LS

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SCI625  Honors Exercise Physiology*  
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 the muscular, 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]  
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Duration: 1 Year  
Graduation Code: LS

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SCI640  Practical Botany  
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. (Prerequisite: Living World or Biology 1-2) [Board Adopted 2010]  
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Duration: 1 Sem  
Graduation Code: LS

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SCI645  Practical Ecology  
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. (Prerequisite: Living World or Biology 1-2) [Board Adopted 2010]  
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Duration: 1 Sem  
Graduation Code: LS

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SCI650  Environmental Science*  
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.  
(Beginning with the class of 2010, this course will be weighted.) [Board Adopted 1998] [Board Revised 2005]  
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Duration: 1 Year  
Graduation Code: LS

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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*
SCI655  AP Environmental Science  
Credit: 1.0
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]
Duration: 1 Year
Graduation Code: LS

SCI660  Environmental Biology  
Credit: 0.5
Environmental Biology is an intensive summer field research course that develops scientific and environmental literacy in high school students through participation in current research projects sponsored by the scientific community and in partnership with the TUHS District. Areas of collaborative research reflect wildlife and environmental issues that are of key concern to citizens of the Southwest. Past itineraries have included black bear research and management practices (Bear Busters), riparian ecology, holistic range management, endangered species, etc. Each year’s itinerary will reflect a current research partnership and funding source. Student will conduct independent research projects and examine socio-cultural and economic implications surrounding the environmental issues under study. Community service and formal presentations of research findings are required. [Board Adopted 1997]
Duration: Summer
Graduation Code: LS

SCI656  Zoology/Botany  
Credit: 1.0
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. (Prerequisite: Biology 1-2) [Board Adopted 2010]
Duration: 1 Year
Graduation Code: LS

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 (zoology) 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 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

SCI690  Environmental Field Education  
Credit: 0.5
This two-week intensive course will be held at varying sites (some within Arizona and some elsewhere). The wonders of the natural world are explored in-depth during the program. Most of the class time (approximately 9 hours per day) is spent in the field conducting scientific research on our natural environment. Areas of study include: outdoor safety, ecology, meteorology, geology, forestry, aquatic biology, water chemistry, botany, available natural resources, management practices, sustainability, and more. A goal of the class will be to compel in participants a sense of stewardship for our natural world. Students will be camping and/or staying in a rustic group camp. Students must be healthy enough to hike several miles. The prerequisites are a C grade or higher in Biology 1-2, Living World, Chem-Physics Foundations or Physical World or consent of instructor. [Board Adopted 2010]
Duration: Summer
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]
SCI900  Health Care Fundamentals & Terminology  Credit: 0.5
The Health Care Core courses offer an overview of current health professions including career and labor market information. The courses will also cover health care financial systems, health organizations, patient rights and quality care. Students will learn the importance of values, ethics and essential behaviors in the workplace. Healthful living practices such as nutrition, stress management and exercise will also be covered. Worker rights, responsibilities and safety standards are discussed. Communication skills in the health care setting as well as personal communication skills and promotion of teamwork are an important focus. Students will be introduced to medical terms, medical abbreviations, symbols, and spelling used in health care. Students will use a body system approach to learn selected terms. Students will build and analyze terms using basic word parts. Offered only during the Fall Semester (First and Second Quarter). This course is a prerequisite for SC27 Nurse Assisting Theory and SC28 Nurse Assisting Clinical Lab. Community College Credit (4 hours) available. [Board Approved waiver through 2004/05] [Board Adopted 2004]
Duration: 1 Sem
Graduation Code: EL

SCI910  Nurse Assisting Theory  Credit: 0.5
SCI915  On-Site Clinical Lab  Credit: 0.5
These courses are taught concurrently and cover the role of the nursing assistant. Students will be introduced to problem solving processes to meet the basic and holistic needs of clients. Professional communication skills will be an essential component of this course. Students will learn nursing interventions to ensure the needs and safety of the client. Specific types of diseases, conditions, and alterations in the behavior of the client will be covered, as well as principles of nutrition and fluid balance. Special needs of the elder client in the acute and long-term care setting, and basic emergency care skills and procedures will also be addressed. The Nurse Assisting Clinical Lab course provides the development of clinical competency in the performance of selected nurse assisting skills and procedures through participation in the care of clients while in a health care facility setting. [Board Approved waiver through 2004/05] [Board Adopted 2004] Community College Credit (4 hours) available.
Approximate Fees: $15.00 + uniform and watch
Prerequisites: Satisfactory completion of Health Care Fundamentals and Terminology; Must be able to provide transportation to and from clinical sites.
Duration: 1 Sem
Graduation Code: EL

Social Studies

SST100  World History/Geography  Credit: 1.0
Students in the World History/Geography course will study the nations and peoples of the world. In addition to history and geography, students will study elements of cultural development, political and economic systems and social structures. The student will be challenged to think critically about international relations, human commonalities and differences and their impact on the student’s own life. [Board Adopted] [Board Revised 2009]
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

† This course, when taken with SST120 World History satisfies the graduation requirement for World History Geography.

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

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 Approved 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

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

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 2002]

Duration: 1 Year
Graduation Code: HG

SST200  American/Arizona History Credit: 1.0
American History is a survey course covering the development of our Nation and State from the earliest inhabitants to the present day. The course is structured around lecture, discussion and assigned reading designed to develop an understanding of cultural, political, and economic growth. [Board Adopted]

Duration: 1 Year
Graduation Code: HG

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 interpretation and analysis of both primary and secondary documents or sources,
6.) Develop historical writing skills. [Board Adopted]

Duration: 1 Year
Graduation Code: AA

SST220  AP U.S. History* Credit: 1.0
This Advanced Placement Program in American/Arizona History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems in our history. The program prepares students for intermediate and advanced college courses. The course covers the period from 1492 to today. The scope of the class includes political, social, economic, diplomatic, intellectual and cultural history. [Board Adopted 1995]

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

[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]
**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 to provide students with a basic knowledge of the purpose, structure, and operation of the national and state governmental systems. The primary content of study is the Federal system and its underlying principles as they are related on National, State, and local levels. [Board Adopted]  
*Duration: 1 Sem*  
*Graduation Code: AA*

**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 Sem*  
*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 Sem*  
*Graduation Code: GV*

**SST320  AP U.S. Government and Politics***  
Credit: 0.5  
This class is an accelerated class for the college bound student seeking to gain college credit via AP tests. The class follows the curriculum presented by the College Board for the AP courses. [Board Adopted 1996]  
*Duration: 1 Sem*  
*Graduation Code: GV*

**SST350  Economics**  
Credit: 0.5  
Economics is a semester course that will provide students with a better understanding of the American economy. 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 micro-economics and macro-economics, the economic role of government, effects of international trade, and financial choices. This interactive course uses hands-on simulations, projects, and activities to introduce the fundamental principles of economics. (This course meets state economic standards and the TUHSD economics credit requirements. [Board Adopted] [Board Revised 1996] [Board Revised 2010]  
*Duration: 1 Sem*  
*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 Adopted]  
*Duration: 1 Sem*  
*Graduation Code: FE*
SST370  **AP Micro/Macro Economics**  
Credit: 0.5  
This course is designed to cover both macro and microeconomic principles. The reading level will be significantly higher than that of regular Economics as this course is considered to be a 100 level college course. It will be expected of the AP students to read a considerable amount of outside related materials. The application of economic theory will take up a large portion of this class. At the conclusion of this course, students will be prepared to take both the Macro and Micro Advanced Placement Exams. [Board Adopted 1996]   
*Duration: 1 Sem*  
*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 Adopted] [Board Revised 1996]  
*Duration: 1 Sem*  
*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 Adopted]  
*Duration: 1 Sem*  
*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 Adopted 2002]  
*Duration: 1 Sem*  
*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 Adopted 2006]  
*Duration: 1 Sem*  
*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 Adopted 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 Adopted 2000]  
*Duration: 1 Year*  
*Graduation Code: EL*

SST510  **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*

SST700  **Criminal Justice 1**  
Credit: 0.5  
Criminal Justice is an elective course designed to provide the student with a basic understanding of the concepts, processes and institutions of the Criminal Justice system; to provide an understanding and appreciation of how laws work to meet human problems; and how interpretations of laws change to meet the needs of a changing social order. This course will include such topics as the juvenile justice system, courts, law enforcement, careers in criminal justice, corrections, and the background to the criminal justice system. [Board Adopted] [Board Revised 2016]  
*Duration: 1 Sem*  
*Graduation Code: VE, EL*
**SST710**  **Criminal Justice 2**  Credit: 0.5

The second semester class is an in-depth study of the agencies and processes involved in the criminal justice system including the legislature, the police, the prosecutor, the public defender, the courts, and corrections. Students will analyze the roles and problems of the criminal justice system in a democratic society, with an emphasis upon inter-component relations and checks and balances. The student will be given the opportunity to examine the components and procedures followed in the administration of law enforcement, adjudication and post-conviction processes and strategies in American society. Students will compare and contrast the interaction and organization of federal, state and local agencies that are components of the criminal justice process. Students will assess future trends in law enforcement, adjudication and post-conviction processes. [Board Adopted 2015] [Board Revised 2016]

**Duration:** 1 Sem

**Graduation Code:** VE, EL

**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, EL

**SST720**  **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 Sem

**Graduation Code:** EL

**SST725**  **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

**SST730**  **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 Sem

**Graduation Code:** EL

**SST735**  **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 Sem

**Graduation Code:** EL

**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. (Repeatable for credit, one time, for a total of 1.0 credit) [Board Adopted 1999] [Board Revised 2007]

**Duration:** 1 Sem

**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 Sem

**Graduation Code:** EL

[Underline = NCAA Approved Core Course]

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

[bolics underline = Requires student IEP to earn NCAA core rank]
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 Sem
**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 Sem
**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

**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

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 in-depth analyses 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 Sem
Graduation Code: GV

[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]
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 Sem
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: FE

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 Chem-Phys  Credit: 1.0
Basic Chem-Phys 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 physical science concepts 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: 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 Sem
Graduation Code: HE

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

ESS330  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). [Board Adopted 2002] [Board Revised 2004] [Board Revised 2015]
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-determination skills, critical thinking skill, determine learning style and improve communication skills. The students will actively practice self-advocacy skills in preparation for post-secondary success. [Board Adopted 2016]  
**Duration:** 1 Year  
**Graduation Code:** EL

ESS770  Bridge to Success  Credit: 1-5  
Bridge to Success offers the opportunity for students to explore occupational interest and to develop work behaviors in a community setting. Services to be provided will be determined through the measurable post-secondary goals and the transitions services on the Individual Education Plan. 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. [Board Adopted] [Board Revised 2004] [Board Revised 2016]  
**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

[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]
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

ESS200  Functional Academics 1-2  Credit: 1.0
Functional Academics 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 basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts. 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. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: EF

ESS210  Functional Academics 3-4  Credit: 1.0
Functional Academics 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 basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts. 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. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: ES

ESS220  Functional Academics 5-6  Credit: 1.0
Functional Academics 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 basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts. 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. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: EJ

ESS230  Functional Academics 7-8  Credit: 1.0
Functional Academics 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 basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts. 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. (May be repeated for credit) [Board Adopted 2005]
ESS240 Functional Academics 9-10 Credit: 1.0
Functional Academics 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 basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts. 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. (May be repeated for credit) [Board Adopted 2005]
Duration: 1 Year
Graduation Code: MA

ESS250 Functional Academics 11-12 Credit: 1.0
Functional Academics 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 basic mathematical concepts of matching, 1 to 1 correspondence, following directions, grouping and categorizing, use of basic time concepts. 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. (May be repeated for credit) [Board Adopted 2005]
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: RE

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: HE

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: EL

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: 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]
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

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

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

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

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

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

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

[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
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

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 Behaviors 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: EL

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: FA

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 Sem
Graduation Code: FA

Technological Education

[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]
# World Languages

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Duration</th>
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<tbody>
<tr>
<td>WLD100</td>
<td>Spanish 1-2</td>
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<td>1 Year</td>
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<tr>
<td>WLD110</td>
<td>Spanish 3-4</td>
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<tr>
<td>WLD115</td>
<td>Honors Spanish 3-4*</td>
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<td>Spanish 5-6</td>
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<td>WLD130</td>
<td>Spanish 7-8</td>
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<td>WLD135</td>
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<tr>
<td>WLD140</td>
<td>Spanish 9-10</td>
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<td>Honors Spanish 9-10*</td>
<td>1.0</td>
<td>1 Year</td>
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</tbody>
</table>

*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

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

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

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

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

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

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

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

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 1999]

Duration: 1 Year

Graduation Code: EL

[Underline] = NCAA Approved Core Course

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

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

WLD160  Spanish for Heritage Speakers 1-2  Credit: 1.0
Spanish for Heritage Speakers 1-2 gives heritage Spanish-speaking students an expansion of standard written and spoken Spanish Language skills and broadens their understanding of the Hispanic culture and civilization. [Board Adopted 1994] [Board Revised 2017]
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
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

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

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

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

WLD260  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

[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]
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

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 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

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]
Duration: 1 Year
Graduation Code: EL

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]
Duration: 1 Year
Graduation Code: EL

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]
Duration: 1 Year
Graduation Code: EL

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]
Duration: 1 Year
Graduation Code: EL

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]
Duration: 1 Year
Graduation Code: EL

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 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]  
[* = Weighted rank status]
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]
Duration: 1 Year
Graduation Code: EL

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]
Duration: 1 Year
Graduation Code: EL

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]
Duration: 1 Year
Graduation Code: EL

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 Adopted1999] [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

[Underline = NCAA Approved Core Course]
[T = 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: EF

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 works within the same genre. Discourse and rhetoric are studied and practiced through speaking/writing 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 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 possesses 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: EJ

[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]
### ENG442  Academy 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: MA**

### 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]  
**Duration: 1 Year**  
**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]  
**Duration: 1 Year**  
**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]  
**Duration: 1 Year**  
**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, interpretation and properties of definite integrals, application of integrals, applications of anti-differentiation, and the Fundamental Theorem of Calculus will be considered an integral part of the course and thus done on a regular basis with the goal of preparing the student to pass the AP exam for calculus AB or BC. The student will develop further knowledge of algebra and calculus through the use of graphing calculators and computers. [Board Adopted 2002]  
**Duration: 1 Year**  
**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]  
**Duration: 1 Year**  
**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]  
**Duration: 1 Year**  
**Graduation Code: LS**

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[Underline = NCAA Approved Core Course]  
[Italics underline = Requires student IEP to earn NCAA core rank]  
[= Weighted rank status]
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<tr>
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<td>Academy Physics*</td>
<td>1.0</td>
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<tr>
<td>SST150</td>
<td>Academy AP World History†</td>
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<td>HG</td>
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<tr>
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<td>Academy AP United States History*</td>
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<td>SST333</td>
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<td>SST383</td>
<td>Academy AP Micro/Macro Economics*</td>
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<td>SST385</td>
<td>Academy AP Economics*</td>
<td>1.0</td>
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<td>SST520</td>
<td>Academy AP European History*</td>
<td>1.0</td>
<td>EL</td>
</tr>
<tr>
<td>WLD800</td>
<td>Academy Spanish I: Introduction to Spanish Language &amp; Culture*</td>
<td>1.0</td>
<td>EL</td>
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</tbody>
</table>

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]

Academy Physics 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 Adopted 2002]

Academy AP 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 Adopted 2002]

Academy AP United States 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 Adopted 2002]

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 Adopted 2002][Board Revised 2017]

Academy AP Micro/Macro 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 Adopted 2002]

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 Adopted 2005]

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 Adopted 2002]

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 Adopted 2002] [Board Revised 2005]
WLD810  
**Academy Spanish II: Intermediate Spanish Language & Culture**  
Credit: 1.0

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 class 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

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WLD820  
**Academy AP Spanish Literature and Culture**  
Credit: 1.0

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

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WLD830  
**Academy 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 2002] [Board Revised 2005] [Board Revised 2012]

**Duration:** 1 Year  
**Graduation Code:** EL

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WLD840  
**Academy Chinese: Introduction 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 2008]

**Duration:** 1 Year  
**Graduation Code:** EL

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WLD850  
**Academy Intermediate Chinese: Language & Culture**  
Credit: 1.0

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

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WLD860  
**Academy Advanced Chinese: Language & Culture**  
Credit: 1.0

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

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IDS405  
**Academy Independent Research**  
Credit: 1.0

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

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IDS415  
**Academy Seminar**  
Credit: 1.0

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

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## 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

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<tr>
<th>Course Code</th>
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<th>Credit</th>
<th>Description</th>
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</table>
| ART100      | Art and Design                | 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] |}

#### English

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</table>
| ENG120      | Honors Freshman English*      | 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] |}

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| ENG220      | Honors Sophomore English*     | 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] |}

#### Mathematics

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Description</th>
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</thead>
</table>
| MAT210      | Honors Geometry*              | 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] |}

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</table>
| MAT310      | Honors Algebra 2*             | 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] |}

#### Music

<table>
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<tr>
<th>Course Code</th>
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<th>Description</th>
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</table>
| MUS220      | Concert String Orchestra      | 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 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] |}

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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]
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

SCI11  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

SST30  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 Sem
Graduation Code: FE

SST35  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 Sem
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

[Underline = NCAA Approved Core Course]
[* = Weighted rank status]
IB World Courses

Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>PDV500</td>
<td>IB Theory of Knowledge 1*</td>
<td>0.5</td>
</tr>
<tr>
<td>PDV505</td>
<td>IB Theory of Knowledge 2*</td>
<td>0.5</td>
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</tbody>
</table>

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 Sem
Graduation Code: EL

English

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>ENG345</td>
<td>IB Jr. English: Literature*</td>
<td>1.0</td>
</tr>
<tr>
<td>ENG355</td>
<td>IB Sr. English: Literature*</td>
<td>1.0</td>
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</tbody>
</table>

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

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>ART350</td>
<td>IB Visual Arts 1*</td>
<td>1.0</td>
</tr>
<tr>
<td>ART355</td>
<td>IB Visual Arts 2*</td>
<td>1.0</td>
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</tbody>
</table>

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
Course Fee: $50.00
Graduation Code: FA

[Underline = NCAA Approved Core Course]
[T = Course must be taken in conjunction w/another to meet Grad. Requirement]
[B = 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
ART455  IB Visual Arts Photography (Year 2)*  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
MUS265  IB Music 2: 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
MUS345  IB Music 2: 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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[italics underline = Requires student IEP to earn NCAA core rank] [*
* = 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

MAT725  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
SCI705  IB Biology 2*  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 inquiry 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 SCI730 the following year. [Board Adopted 2008] [Board Revised 2017]
Duration: 2 Years
Graduation Code: LS

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

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

SST600  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

[Underline = NCAA Approved Core Course]  
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[balics underline = Requires student IEP to earn NCAA core rank]  
[* = Weighted rank status]
Graduation Code: EL
Duration: 2 Years

**WLD710**  IB Spanish 1*  Credit: 1.0

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 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

**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 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

**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

[Underline] = NCAA Approved Core Course
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[bolics underline] = Requires student IEP to earn NCAA core rank]  
* = Weighted rank status]
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 10 East Valley school districts - Apache Junction, Chandler, Fountain Hills, Gilbert, Mesa, Queen Creek, Scottsdale, Tempe, Higley 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 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
- **FCCCLA**
  Family, Career, and Community Leaders of America
- **HOSA**
  Health Occupation Student Association
- **C-CAP**
  Careers in Culinary Arts Program
- **ERA**
  Educators Rising Arizona
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 or EVIT counseling offices 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.

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) also 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>
<th>Main</th>
<th>East</th>
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<th>F.H.</th>
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<tr>
<td>DA10</td>
<td>3D Animation</td>
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<td>BK10</td>
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<td>Behavior, Mental and Social Health Services</td>
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<td>IT12</td>
<td>Cisco Networking / Cyber Security*</td>
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<td>IT13</td>
<td>Coding and Mobile App Design</td>
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<td>Culinary Arts</td>
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<td>CC10</td>
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<td>Education Professions</td>
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<td>FIT10</td>
<td>Fashion, Interiors and Textiles</td>
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<td>FF10</td>
<td>Fire Science Academy</td>
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<tr>
<td>IT60</td>
<td>Future Engineers</td>
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<td>MM30*</td>
<td>Graphic/Web Design</td>
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<td>AC10</td>
<td>Heating, Ventilation and Air Conditioning (HVAC)</td>
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<td>HM10</td>
<td>Hospitality Management</td>
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<tr>
<td>MC10</td>
<td>Human Anatomy &amp; Physiology for Medical Careers</td>
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<td>MM10</td>
<td>Introduction to Multimedia Technologies</td>
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<td>Medical Assistant*</td>
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<td>Nursing Assistant*</td>
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<tr>
<td>LB10</td>
<td>Plumbing</td>
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<tr>
<td>RB10</td>
<td>Radio/Audio Production</td>
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<tr>
<td>MC44*</td>
<td>Veterinary Assistant*</td>
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<td>WD10</td>
<td>Welding</td>
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</tbody>
</table>

*These are second-year courses. Please see pre-requisites.
Counseling and Admissions

Registrar-Andrea Macias
Main Campus: 480-461-4108 amacias@evit.com
High School & Adult
Course Scheduling, Grades, Transcripts, Data Collection & Management, Bi-Lingual Services

High School Counselor-James Martinez
Main Campus: 480-461-4159 jmartinez@evit.com
Automotive/Diesel, Banking, Barbering, Collision Repair, Construction, HVAC, ITEC Programs, Fire Fighting, Machining, Welding, 3-D Animation
Special Projects: Credit Recovery, Dual Enrollment, High School Scholarships

High School Counselor-James Brady
Main Campus: 480-461-4161 jbrady@evit.com
Early Childhood Education, Education Professions, All Health Sciences Programs: Massage Therapy, Human Anatomy, Medical Assistant, Nursing Assistant, Pharmacy Tech, Physical Therapy, Sterile Processing, EMT, Dental, Cosmetology, Early Childhood
Special Projects: McKinney-Vento, Keys, High School Recruitment

High School Counselor-David Pullman
East Campus: 480-308-4607 dpullman@evit.com
Aviation, Behavioral Health, Cosmetology, Future Engineers, Human Anatomy & Physiology, Medical Assisting, Nursing Assisting, Veterinary Assisting
Special Projects: Dual Enrollment, High School Scholarships

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
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, 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)
   - 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 Counseling & 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 7:00 a.m. to 5:30 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 an EVIT Counselor. Upon review, if the student meets the criteria for their program of choice, and is approved by an EVIT Counselor, 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. Students must also contact EVIT if they submit an application Online or via Fax. Phone calls to 480-461-4108 or 4110 will ensure a timely response. Be advised: applications should not be e-mailed directly to any EVIT personnel.

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.
Cisco Networking Academy & Cyber Security
2 semesters
Students in this course will be introduced to the computer-networking field and the field of cyber security. Instructors cover network/cyber terminology and protocols, communication fundamentals in data networks/security and Internet security. Students study the Open Systems Interconnection (OSI) model, using a top-down approach, cabling and cabling tools, basic Cisco router, configuration, Ethernet technologies, Internet Protocol (IP) addressing and an overview of Internet Protocol version 6 (IPv6), basic configuring and testing of the network, standards and network penetration. The course prepares students for the Cisco Certified Entry Level (CCENT) examination as well as a cyber-security fundamentals certification. Cyber Security students also learn the skills needed to pass the Certified Ethical Hacker (CEH), which ensures that candidates will apply knowledge of security concepts, tools and procedures to react to security incidents; it ensures that security personnel are anticipating security risks and guarding against them.

Please note: Dual enrollment for college credits is available and an articulation agreement for 12 credits with UAT.

Prerequisites:
At least 6 high school credits, including at least 1 Math and 1 English credit: both ‘C’ or better
2.0 GPA or equivalent standardized test scores

Coding and Mobile App Design
2 semesters
This program will prepare students interested in pursuing a career in computer programming or mobile application design. Students are challenged to develop computer programs in multiple formats for use in the robotics industry, computer information systems, mobile application design and business organizations. They will also learn the skills necessary to communicate clearly, collaborate with peers, solve logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design computer and mobile application programs using multiple platforms based on computer science principles. Students can complete the program with a Java Certificiate as well as a variety of other certificates.

Please note: Dual enrollment for college credits is available.

Prerequisites:
At least 6 high school credits, including 1 Science credit: ‘B’ 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

Digital Device Diagnostic and Repair
2 semesters
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. Students learn to maintain motherboards, processors and memory. They develop troubleshooting and basic networking skills. Students also learn how to repair devices such as iPads, 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.

Prerequisites:
At least 6 high school credits, including 1 Math and 1 English credit: both ‘C’ or better
2.0 GPA or equivalent standardized test scores

Future Engineers
2 semesters
This program will prepare students interested in pursuing an engineering related field. Students will be challenged to develop solutions to current engineering problems in environment and biomedical fields, develop skills in mechanical and electrical engineering and robotics technology. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve mathematical, scientific and logistical problems and present findings. This program will introduce students to environmental challenges, biomedical uses of engineering, the use of mechanical and electrical engineering and how robotics will change the world in the future. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning.

Prerequisites:
At least 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
2.5 GPA or equivalent standardized test scores
Recommended: EVIT’s Introduction to Information Technology and Engineering Careers (iTEC) course or equivalent education/experience.
MT40  Robotics Engineering
This program prepares students interested in pursuing careers in robotics or engineering by providing the pre-engineering and robotics skills necessary for entry into postsecondary education programs. Students will be challenged to think critically, solve problems and apply technology-based tools effectively and safely. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve mathematical, scientific and logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design, build, communicate and operate robotic automation equipment after learning basics of machining technologies.

Please note: Dual enrollment for college credits are available.

Prerequisites: At least 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
2.0 GPA or equivalent standardized test scores

MC10  Human 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.

Prerequisites: 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 Careers 2 semesters
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 may be randomly drug tested.

Prerequisites: Seniors 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
No criminal record
2.0 GPA or equivalent standardized test scores

MC55  Emergency Medical Technician 2 semesters
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. 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 may be randomly drug tested.

Prerequisites: Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better
1 Algebra credit and 1 English credit: ‘C’ or better
No criminal record; 2.5 GPA or equivalent standardized test scores
HEALTH SERVICES

MA05  Massage Therapy  2 or 4 semesters
Study Western and Eastern massage modalities, including Swedish, Sports, Chair, Hot Stone and Reflexology. Coursework also includes anatomy and physiology, pathology, hygiene, ethics and business practices. Students prepare for their state certification by completing 700 hours of hands-on training in the public clinic on campus and at community events. **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. Please state which option the student is choosing on the application.**

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

Prerequisites:  
- 2 English credits and Biology or MC10: ‘C’ or better  
- No criminal record  
- 2.0 GPA or equivalent standardized test scores

MC20  Medical Assistant  2 semesters
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 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. Please state which option the student is choosing on the application.**

Please note: **Students may be randomly drug tested.**

Prerequisites:  
- 2 Math credits and 2 English credits: all ‘C’ or better  
- No criminal record  
- Biology (may be taken concurrently)  
- 2.0 GPA or equivalent standardized test scores

MC30  Nursing Assistant  2 semesters
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. 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.

Please note: **Students may be randomly drug tested.**

Prerequisites:  
- Seniors 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  
- No criminal record; 2.5 GPA or equivalent standardized test scores

MC43  Pharmacy Technician  2 semesters
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 may be randomly drug tested.**

Prerequisites:  
- Seniors 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

MC45  Physical Therapy Technician  2 semesters
Health Services

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 may be randomly drug tested.

Prerequisites:
- Seniors only who have taken EVIT's MC10 or taken at least 1 credit of Anatomy & Physiology: ‘C’ or better
- 1 Math and 1 English credit: both ‘C’ or better
- 2.5 GPA or equivalent standardized test scores

MC44 Veterinary Assistant 2 semesters

Prepare for a career in the veterinary field while learning the skills that will allow you to work with all creatures, large and small. Integrate your love for animals with medical knowledge such as taking radiographs, venipuncture, administering medications and vaccines, animal restraint, surgical preparation and surgical assisting, animal dentistry, laboratory procedures and general exams. During the first semester, students concentrate on classroom learning, hands-on skills and job shadowing. Second semester, students improve upon their skills through job shadowing and/or internships at local shelters, small and large animal practices and wildlife facilities. Students will be exposed to a variety of well and sick animals. Student must provide own transportation to job shadowing and/or internship sites. Flexible hours may be required depending upon clinical availability.

Please note: This class is only offered at the EVIT East Campus. Students may be randomly drug tested.

Prerequisites:
- Seniors only who have taken EVIT’s MC10: ‘C’ or better
- Students who have taken Biology with a ‘C’ or better,
- 1 Math and 1 English: both ‘C’ or better
- 2.0 GPA or equivalent standardized test scores

MC65 Behavior, Mental & Social Health Services 2 semesters

Prepare for a career in behavioral and/or social health as a behavioral or mental health technician. The certification can lead to job opportunities as a case manager, parent aide, family advocate, respite worker or paraprofessional counselor. Certified mental health technicians may work as part of a team to care for emotionally disturbed or mentally ill patients. There are job opportunities in public and private hospitals, nursing homes and residential mental health facilities. Duties may include coordinating mental health services, patient interviews, treatment documentation as well as helping patients with their personal needs. This two-semester program will provide foundations in care delivery systems, legal/safety requirements, introduction to basic mental and social illnesses, disorders and conditions as well as strategies and information about resources used to improve mental and social health.

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

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

Human Services

CS14 Aesthetics 2 semesters (600 clock hours)

Specialize in the science of skin care and makeup application. Learn techniques for exfoliation, skin analysis, deep pore cleansing, specialized treatments, facials and waxing. Prepare to take the Arizona State Board of Cosmetology exam for Aestheticians after completing this 600 hour program.

Please note: Students attend class four hours each day and may be required to provide their own transportation.

Prerequisites:
- At least 10 high school credits, including 2 English credits
- 2.0 GPA or equivalent standardized test scores
CU20  Commercial Baking and Pastry Arts  2-4 Semesters
Learn the tools-of-the-trade and professionalism necessary to gain employment as a baker, pastry chef or business owner. Baking instruction focuses on making cookies, cakes, chocolate confections, tarts, breads and plated desserts. The class also advances to cake decorating, pastries, plate painting, individual desserts and wedding cakes. Students manage an on-site retail bakery and pastry shop to learn what it’s like working in the industry and with the public. EVIT’s Commercial Baking and Pastry Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation.

Please note: Dual enrollment for college credits is available.
Prerequisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores
Recommended: Foods I and/or Foods II or work experience in the field

CS10  Cosmetology  4 semesters (1,600 clock hours)
Imagine having a fun, high-paying job that lets you use your creativity to make people look good! Skills learned in cosmetology focus on the care of hair, skin and nails. Technical training includes the theory of chemicals and hair coloring, cutting, client safety, hygiene and customer relations. Second-year students provide services to the public in a working salon on the EVIT campus. After completing the 1,600-hour course, students are prepared to take the Arizona State Board of Cosmetology licensing exam.

Please note: Students attend class four hours each day and may be required to provide their own transportation.
Prerequisites: At least 10 high school credits, including 2 English credits
2.0 GPA or equivalent standardized test scores

CS15  Barbering  4 semesters (1,500 clock hours)
Students in this course will learn fundamentals of barbering; sterilization, sanitation and safety; massage and skin care; perm weaving and chemical relaxing; shampoo and scalp treatment; hair tinting, cutting and styling; and shaving, honing and stropping. The course includes 1,500 hours of instruction in theory and practical skills required for licensure by the Arizona State Board of Barbers. Theory and practical precede lab activities, and students must complete 250 hours in the first year classroom and pass a final that demonstrates competence in theory and practical skills before being allowed to participate in lab activities.

Please note: Students attend class four hours each day and may be required to provide their own transportation.
Prerequisites: At least 10 high school credits, including 2 English credits
2.0 GPA or equivalent standardized test scores

CU10  Culinary Arts
Explore your passion for cooking while developing skills in all facets of the food service and hospitality industries. Training is provided in culinary arts (a la carte & quantity cooking), commercial baking and dining room operations. Students gain hands-on experience working special functions, breakfasts, luncheons and dinners in the culinary banquet hall. Students also have the opportunity to participate in culinary competitions and work with many of the top chefs and restaurants in the valley. EVIT’s Culinary Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation.

Please note: Dual enrollment for college credits is available.
Prerequisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores
Recommended: Foods I and/or Foods II or work experience in the field

BK10  Banking and Financial Services  2-4 semesters
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.

Prerequisites: At least 6 high school credits, including 2 Math and 1 English credit
2.0 GPA or equivalent standardized test scores
HM10  Hospitality Management  2 semesters

Students will learn the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, and hospitality planning and business operations. Emphasis is placed on critical thinking, practical problem solving and entrepreneurship opportunities within the field of hospitality. Core academic application of math, science and language arts are emphasized as appropriate in the hospitality industry.

Prerequisites:  At least 6 high school credits, including 1 Math credit
Foods I and/or Foods II, work experience in the field or teacher approval
2.0 GPA or equivalent standardized test scores

CC10  Early Childhood Education  2-4 semesters

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. First-year students focus on early childhood philosophy, childhood development, career opportunities and current issues in safety, health, nutrition and curriculum development. They also gain experience with classroom management and discipline techniques. During the second year, students select an internship program and research professional opportunities. This self-paced, performance-based program allows for advancement that meets individual academic needs. Qualified students have the opportunity to earn their Child Development Associate national certification upon completion of this program and the necessary requirements.

Please note: Dual enrollment for college credits is available.

Prerequisites:  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 August)
No criminal record (Arizona State Law requires students to sign a criminal history verification form)

ED10  Education Professions  2 semesters

Identify philosophies and develop a leadership and teaching style. The curriculum includes a survey study of the teaching profession and educational theories of learning. Conduct research, create lessons and present concepts. Participate in various job shadowing experiences.

Prerequisites:  Seniors only
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 August)
No criminal record (Arizona State Law requires students to sign a criminal history verification form)

FIT10,11 & 12  Fashion, Interiors and Textiles  2-4 semesters

This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Learn about the elements and principles of design, fabrics and textiles, the use of color and texture, retail theory, visual merchandising, sewing and pattern making. Transform these skills into wearable garments, elaborate sets and window displays and participate in various EVIT events such as the annual Spring Fashion Show. Qualified students also have the opportunity to participate in job shadowing or internships during their second year of the program.

Please note: Dual enrollment for college credits is available.

Prerequisites  At least 6 high school credits, including 1 Math credit and 1 English credit
2.0 GPA or equivalent standardized test scores
### CT10  Construction  
2-4 Semesters  
Learn to build a structure from the ground up! Develop hands-on skills in various disciplines of commercial and residential construction including electrical wiring, plumbing, masonry, framing, roofing, drywall and finish work. Students also gain an understanding of safety, the use of hand and power tools, blueprint reading, and estimating and construction operations. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.  
**Prerequisites:**  
- At least 6 high school credits, including 1 Math credit  
- 2.0 GPA or equivalent standardized test scores

### AC10  Heating, Ventilation and Air Conditioning (HVAC)  
2-4 Semesters  
The U.S. Bureau of Labor expects the nationwide demand for trained HVAC specialists to continue to grow due to advances in technology and an aging workforce. Learn the skills required to install, service and repair air conditioning, refrigeration and heating equipment in commercial and residential settings. Students in this program gain knowledge in electrical maintenance, wiring, appliance repair, installation of light and power equipment and repair of electronic controls and circuits. Internship and job shadowing opportunities are available.  
**Prerequisites:**  
- 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

### MT10  Machining Technology  
2-4 semesters  
The tooling and machining industry is the basis for all manufacturing and well-suited for people who like to work with their heads as well as their hands. Learn the set-up and operation of modern, manual and computerized tools used by machinists, die and mold makers and skilled professionals in the manufacturing industry. Develop leadership, management, quality control, business and customer relations skills while working towards national certifications. Students may have the opportunity to cross-train with other EVIT programs and participate in internships.  
**Prerequisites:**  
- At least 6 high school credits, including 1 Math credit  
- 2.0 GPA or equivalent standardized test scores

### PLM10  Plumbing  
2-4 semesters  
The U.S. Bureau of Labor expects the nationwide demand for trained plumbing specialists to continue to grow due to an aging workforce and advances in technology. Plumbers protect the health of nations. The expert training you will receive will prepare you for a new career as a highly paid skilled technician. Students will study customer communication skills, water distribution systems, drainage waste and vent systems, plumbing fixtures, potable water quality, water heating concepts and plumbing fixture installation.  
**Prerequisites:**  
- 1 Math and 1 English credit: both ‘C’ or better  
- 2.0 GPA or equivalent standardized test scores

### WD10  Welding  
2-4 semesters  
Get fired up about a career in welding while working with a variety of materials such as mild steel, aluminum and stainless steel. Learn metal fabrication and entry level welding techniques to build or repair structures or products. Work on school and customer-related projects using OXY/FUEL cutting, PLASMA cutting, SMAW, GMAW and GTAW welding. This program has an outstanding job placement rate and offers paid internships for qualified students. Students have the opportunity to become members of the American Welding Society and test for industry certification.  
**Prerequisites:**  
- At least 6 high school credits, including 1 Math credit: ‘C’ or better  
- 2.0 GPA or equivalent standardized test scores
**DA10 & 20  3D Animation**

Bring creative ideas to life by combining artistic skills and design techniques to develop 3D animation, modeling and gaming projects. Develop skills in storyboarding, character development, modeling, lighting and drawing using industry-specific software such as 3ds, Max, Maya and game engine. Second-year students specialize in video game design or animation, work with outside clients and participate in internships or externships to build strong industry resumes and credentials.

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

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

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**MM30 & 40  Graphic/Web Design**

This program will prepare students interested in pursuing a career in graphic and/or web design through multimedia related fields. Students will be challenged to learn the principles of graphic design, line, shape, pattern, form and color theory. Typography along with digital Pre-Press and Copyright laws will be taught to ensure student success. Students will use Adobe Illustrator, Photoshop and InDesign to manipulate images in unique and creative formats to develop commercial art-related specification sheets (or specs.) for assignments, social media applications and client-based projects. Students work individually and in teams to create real-world projects, build digital portfolios and create portfolios and resumes. Students may also choose to learn the ins and outs of digital printing in EVIT’s Digital Print Shop.

**Prerequisites:**
- EVIT’s Introduction to Multimedia course or equivalent course or experience
- At least 6 high school credits, including 1 Science, 1 Algebra and 1 English credit: all ‘C’ or better
- 2.0 GPA or equivalent standardized test scores

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**MM10  Introduction to Multimedia Technologies**

This program will prepare students interested in pursuing a career in digital photography and/or design-related field. Students will be challenged to utilize the latest digital photographic cameras, manipulate light, shadow and surrounding objects to capture images. Students will use Adobe Photoshop and Illustrator to manipulate the images in unique and creative formats. Students work individually and in teams to create layouts, portfolios, social media applications, etc. This course is the recommended prerequisite course to be taken prior to Graphic Design, Web Design or Photography.

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

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**MM20  Photography**

This program prepares students interested in 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 Photoshop and Illustrator to manipulate the images in unique and creative formats. Students work both individually and in teams to create layouts, portfolios, etc.

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

**Prerequisites:**
- EVIT’s Introduction to Multimedia course or equivalent course or experience
- At least 6 high school credits, including 1 Science, 1 Algebra and 1 English credit: all ‘C’ or better
- 2.0 GPA or equivalent standardized test scores

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**RB10 & 20  Radio/Audio Production**

EVIT’s Radio/Audio Production program is home to K VIT, 88.7 FM The Pulse, a fully functioning non-commercial radio station, run by students. K VIT features long and short form student-produced programming and commercial-free music. The students also work on the station website, develop apps, apply social media and assist with market research. The radio station is the center of the Radio/Audio Production program. Depending on their interest, students learn audio production, on-air performance, programming, copy writing, promotions and marketing, broadcast engineering, interview techniques and much more as they run K VIT. Students now have the option to focus on sports broadcasting. EVIT’s 88.7FM, The Pulse, is an official radio station broadcaster of AIA high school sports.

**Prerequisites:**
- At least 6 high school credits, including 1 English credit: ‘C’ or better
- 2.0 GPA or equivalent standardized test scores
PUBLIC SAFETY & SECURITY

**FF10 Fire Science**

Prepare for employment in the fire service and learn how to protect, educate and serve the public. Gain experience through various hands-on training skills, including live fire training, search and rescue, high rise tower drills and operation of fire apparatus and equipment. The first year provides an overview of basic fire science fundamentals and the EMT program. Second-year students gain experience through physical training, team activities and demonstrations by local, state and federal agencies. Students who complete the program have the opportunity to earn a Wildland Fire Fighter Certification.

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

**Prerequisites:** At least 6 high school credits, including 1 Algebra credit and 1 English credit: both ‘C’ or better
No criminal record
Biology and/or Chemistry (may be taken concurrently)
2.5 GPA or equivalent standardized test scores

**LE20 & 30 Criminal Justice**

Prepare for a career in the Criminal Justice System. Training includes basic 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 credits is available.*

**Prerequisites:** 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

TRANSPORTATION TECHNOLOGIES

**AM10 Automotive Technologies**

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 auto repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model automobiles and participate in work-based internship and job shadowing.

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

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

**MULTIMEDIA**

**TV10 & 20 Video Production**

Show off your creativity and explore the exciting process of visual media productions, including film-making, event production, news, corporate event production, commercials, public service announcements (PSAs) and documentaries while using high-definition cameras. Students are also trained in animation, interactive video and web video production. Work with clients to produce various projects in a fully-equipped studio and audio bay while developing skills in editing, lighting, audio production and music creation.

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

**Prerequisites:** At least 6 high school credits, including 1 English credit: ‘C’ or better and 1 Math credit: ‘C’ or better
2.0 GPA or equivalent standardized test scores
TRANSPORTATION TECHNOLOGIES

AV05  Aviation  2-4 semesters
Explore the exciting world of aviation through classroom experiences and hands-on lab work. Learn about the history of aviation, job opportunities and “hands-on” skill sets require for careers in areas such as air transportation operations, air traffic control, airframe and power-plant maintenance, professional pilot, airport management and unmanned aircraft systems (UAS) operations.

Please note: This class is only offered at the EVIT East Campus. Dual enrollment for college credits is available.

Prerequisites:  At least 6 high school credits, including Pre-Algebra
2.5 GPA or equivalent standardized test scores

AB10  Collision Repair  2-4 semesters
Learn the collision repair business from A-Z, including damage diagnosis (estimating), non-structural metal repair, structural repair, including set-up and measuring on frame equipment, paint preparation and refinish techniques with paint mixing, paint matching and blending procedures. Finish procedures will familiarize you with color sanding and buffing as well as detailing. This is Arizona’s first National Automotive Technicians Education Foundation (NATEF) certified collision program. Students earn I-CAR credit hours as well as the opportunity to secure ASE (Automotive Service Excellence) certifications. Prepare for entry level jobs ranging from body or paint technician, parts procurement, production manager, insurance estimator or adjuster, paint or tool rep or salesperson and many more.

Prerequisites:  At least 6 high school credits, including Pre-Algebra: ‘C’ or better
2.0 GPA or equivalent standardized test scores

AM63  Diesel Technologies  2-4 semesters
The diesel and heavy equipment industry is one of the fastest growing fields in the transportation business today. Diesel mechanics work on a wide variety of diesel engines including those found in buses, trucks, RVs, bulldozers, cranes, farm tractors and trains. Students develop the skills needed for various positions in the industry through classroom and hands-on learning. Instruction is provided on cooling systems, starting and charging systems, engine lubrication, maintenance and repair and basic mechanical performance.

Prerequisites:  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