

**2017-2018**  
**High School Course Catalog**

**Arizona College Prep-Erie**  
**Basha High**  
**Camille Casteel High**  
**Chandler High**  
**Hamilton High**  
**Perry High**

# Chandler Unified School District 2017 - 2018 Course Description Catalog Grades 9-12

## Governing Board

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## District Administration

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Dr. Matt Strom, Assistant Superintendent for K-12 Educational Services  
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## Arizona College Prep-Erie

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## Basha High School

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**CHANDLER UNIFIED SCHOOL DISTRICT  
EDUCATIONAL PROGRAMS**

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***NOTICE OF NONDISCRIMINATION***

## **Notice of Nondiscrimination**

Chandler Unified School District does not discriminate on the basis of race, color, ethnicity, national origin, religion, sex or gender, sexual orientation, disability or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following persons have been designated to handle inquiries regarding the nondiscrimination policies:

### **Compliance officer for Title IX**

Dr. Craig Gilbert, Assistant Superintendent  
1525 W. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7630

Sandy Cooper, Assistant Superintendent  
1525 W. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7624

### **Compliance officer for Section 504**

Dr. Kymberly Marshall, Director of Student Services  
500 W. Galveston St.  
Chandler, AZ 85225  
(480) 224-3732

## **Aviso de no discriminación**

Distrito Escolar Unificado de Chandler no discriminan en base de raza, color, etnia, origen nacional, religión, sexo o género, orientación sexual, discapacidad o edad en sus programas y actividades, proporcionan acceso en condiciones de igualdad a los Boy Scouts y otros grupos de jóvenes. Las siguientes personas han sido designadas para tratar preguntas en cuanto a las políticas de no discriminación:

### **Funcionario de Cumplimiento de Título IX**

Dr. Craig Gilbert, Asistente de Superintendente  
1525 W. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7630

Sandy Cooper, Asistente de Superintendente  
1525 W. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7624

### **Funcionario de Cumplimiento para Sección 504**

Dr. Kymberly Marshall, Director de Servicios Estudiantiles  
500 W. Galveston St.  
Chandler, AZ 85225  
(480) 224-3732

## **Family Educational Rights and Privacy Act (FERPA) Notice for Directory Information**

The *Family Educational Rights and Privacy Act* (FERPA), a Federal law, requires that Chandler Unified School District (CUSD), with certain exceptions, obtain your written consent prior to the disclosure of personally identifiable information from your child's education records. However, CUSD may disclose appropriately designated "directory information" without written consent, unless you have advised the District to the contrary in accordance with District procedures. The primary purpose of directory information is to allow CUSD to include this type of information from your child's education records in certain school publications. Examples include:

- A playbill, showing your student's role in a drama production;
- The annual yearbook;
- Honor roll or other recognition lists;
- Graduation programs; and
- Sports activity sheets, such as for wrestling, showing weight and height of team members.

Directory information, which is information that is generally not considered harmful or an invasion of privacy if released, can also be disclosed to outside organizations without a parent's prior written consent. Outside organizations include, but are not limited to, companies that manufacture class rings or publish yearbooks. In addition, two federal laws require local educational agencies (LEAs) receiving assistance under the *Elementary and Secondary Education Act of 1965* (ESEA) to provide military recruiters, upon request, with three directory information categories – names, addresses and telephone listings – unless parents have advised the LEA that they do not want their student's information disclosed without their prior written consent. <sup>1</sup>

If you do not want CUSD to disclose directory information from your child's education records without your prior written consent, you must notify the District in writing within two weeks of the start of school. CUSD has designated the following information as directory information:

- |                          |  |
|--------------------------|--|
| -Student's name          | -Participation in officially<br>recognized activities and sports |
| -Parent/Guardian's name  | -Weight and height of members of<br>athletic teams               |
| -SAIS/Student ID number  | -Degrees, honors, and awards<br>received                         |
| -Address                 | -The most recent educational<br>agency or institution attended   |
| -Telephone listing       |  |
| -Electronic mail address |  |
| -Photograph              |  |
| -Date and place of birth |  |
| -Major field of study    |  |
| -Dates of attendance     |  |
| -Grade level             |  |

1 These laws are: Section 9528 of the ESEA (20 U.S.C. 7908), as amended by the *No Child Left Behind Act of 2001* (P.L. 107-110), the education bill, and 10 U.S.C. 503, as amended by section 544, the *National Defense Authorization Act for Fiscal Year 2002* (P.L. 107-107), the legislation that provides funding for the Nation's armed forces.

## **Notification of Rights under FERPA for Elementary and Secondary Schools**

The Family Educational Rights and Privacy Act (FERPA) affords parents and students over 18 years of age ("eligible students") certain rights with respect to the student's education records. These rights are:

(1) The right to inspect and review the student's education records within 45 days of the day the School receives a request for access.

Parents or eligible students should submit to the School principal [or appropriate school official] a written request that identifies the record(s) they wish to inspect. The School official will make arrangements for access and notify the parent or eligible student of the time and place where the records may be inspected.

(2) The right to request the amendment of the student's education records that the parent or eligible student believes are inaccurate.

Parents or eligible students may ask the School to amend a record that they believe is inaccurate. They should write the School principal [or appropriate school official], clearly identify the part of the record they want changed, and specify why it is inaccurate. If the School decides not to amend the record as requested by the parent or eligible student, the School will notify the parent or eligible student of the decision and advise them of their right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the parent or eligible student when notified of the right to a hearing.

(3) The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the School as an administrator, supervisor, instructor, or support staff member (including health or medical staff and law enforcement unit personnel); a person serving on the School Board; a person or company with whom the School has contracted to perform a special task (such as an attorney, auditor, medical consultant, or therapist); or a parent or student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the School discloses education records without consent to officials of another school district in which a student seeks or intends to enroll

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the Chandler Unified School District to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-5901

## **Notificación sobre Derechos conforme a FERPA para las Escuelas Primarias y Secundarias**

La Ley de Derechos Educativos de la Familia y la Confidencialidad (*Family Educational Rights and Privacy Act*), conocida por sus siglas en inglés FERPA, confiere a los padres y los estudiantes mayores de 18 años (denominados “estudiantes aptos”) ciertos derechos con respecto a los expedientes académicos o registros educativos del estudiante. Estos derechos son:

(1) El derecho a inspeccionar y revisar el expediente del estudiante en un plazo de 45 días contado de la fecha de petición de acceso.

El padre o estudiante apto debe presentar al director de Escuela [o el correspondiente funcionario escolar] una petición por escrito que señale el documento o los documentos que desea inspeccionar. El funcionario de escuela se encargará del acceso y de notificar al padre o el estudiante apto respecto a la hora y el lugar donde los documentos se pueden inspeccionar.

(2) El derecho a solicitar una modificación del registro que el padre o el estudiante apto estime inexacto o equívoco.

Un padre o estudiante apto puede pedirle a la escuela que se modifique un registro que él considere inexacto o equívoco. Debe dirigirse por escrito director de la escuela [o al correspondiente funcionario], señalar con claridad la parte del registro que desea que se modifique, y especificar por qué es inexacto o equívoco. Si la escuela determina no modificar el registro en el sentido de la petición presentada por el padre o el estudiante apto, la escuela notificará al padre o el estudiante apto sobre la decisión y le avisará sobre su derecho a una audiencia en relación con la petición de modificación. Se proporcionará información adicional al padre o el estudiante apto sobre el procedimiento de audiencia al ser notificado sobre el derecho a audiencia.

(3) El derecho a dar consentimiento para la divulgación de información susceptible de identificación personal contenida en los expedientes académicos del estudiante, salvo en los casos señalados por FERPA que autorizan la divulgación sin consentimiento.

Una excepción, que permite la divulgación sin consentimiento, se trata de la divulgación a los funcionarios escolares con intereses educativos legítimos. Un funcionario escolar es un empleado de la escuela en calidad de administrador, supervisor, instructor, o personal de apoyo (incluyendo el personal de salud o médico y el personal de la unidad de seguridad o policial); una persona que integre el Consejo Escolar; una persona o compañía con la cual la escuela contrate para desempeñar una función particular (como un abogado, un auditor, un consultor médico, o un terapeuta); o un padre o estudiante que se desempeñe en un comité oficial, tal como un comité de disciplina o de procedimientos conciliatorios de disputas laborales, o que asista a otro funcionario escolar en el ejercicio de sus funciones.

Un funcionario tiene un interés legítimo si el funcionario necesita revisar un registro educativo a fin de cumplir con su responsabilidad profesional.

A petición, la escuela divulgará sin consentimiento registros educativos a los funcionarios de otro distrito escolar en donde el estudiante piensa o pretende matricularse.

(4) El derecho a presentar un reclamo ante el Departamento de Educación de EE.UU. respecto al presunto incumplimiento con los requisitos de FERPA por parte de la Escuela. El nombre y la dirección de la Oficina que administra FERPA son:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-5901

## Notification of Rights Under the Protection of Pupil Rights Amendment (PPRA)

PPRA affords parents certain rights regarding our conduct of surveys, collection and use of information for marketing purposes, and certain physical exams. These include the right to:

- Consent before students are required to submit to a survey that concerns one or more of the following protected areas (“protected information survey”) if the survey is funded in whole or in part by a program of the U.S. Department of Education (ED)–
  1. Political affiliations or beliefs of the student or student’s parent;
  2. Mental or psychological problems of the student or student’s family;
  3. Sex behavior or attitudes;
  4. Illegal, anti-social, self-incriminating, or demeaning behavior;
  5. Critical appraisals of others with whom respondents have close family relationships;
  6. Legally recognized privileged relationships, such as with lawyers, doctors, or ministers;
  7. Religious practices, affiliations, or beliefs of the student or parents; or
  8. Income, other than as required by law to determine program eligibility.
- Receive notice and an opportunity to opt a student out of –
  1. Any other protected information survey, regardless of funding;
  2. Any non-emergency, invasive physical exam or screening required as a condition of attendance, administered by the school or its agent, and not necessary to protect the immediate health and safety of a student, except for hearing, vision, or scoliosis screenings, or any physical exam or screening permitted or required under State law; and
  3. Activities involving collection, disclosure, or use of personal information obtained from students for marketing or to sell or otherwise distribute the information to others.
- Inspect, upon request and before administration or use –
  1. Protected information surveys of students;
  2. Instruments used to collect personal information from students for any of the above marketing, sales, or other distribution purposes; and
  3. Instructional material used as part of the educational curriculum.

These rights transfer from the parents to a student who is 18 years old or an emancipated minor under State law.

Chandler Unified School District (CUSD) has developed and adopted policies, in consultation with parents, regarding these rights, as well as arrangements to protect student privacy in the administration of protected information surveys and the collection, disclosure, or use of personal information for marketing, sales, or other distribution purposes. CUSD will directly notify parents of these policies at least annually at the start of each school year and after any substantive changes. CUSD will also directly notify, such as through U.S. Mail or email, parents of students who are scheduled to participate in the specific activities or surveys noted below and will provide an opportunity for the parent to opt his or her child out of participation of the specific activity or survey. CUSD will make this notification to parents at the beginning of the school year if the District has identified the specific or approximate dates of the activities or surveys at that time. For surveys and activities scheduled after the school year starts, parents will be provided reasonable notification of the planned activities and surveys listed below and be provided an opportunity to opt their child out of such activities and surveys. Parents will also be provided an opportunity to review any pertinent surveys. Following is a list of the specific activities and surveys covered under this requirement:

- Collection, disclosure, or use of personal information for marketing, sales or other distribution.
- Administration of any protected information survey not funded in whole or in part by ED.
- Any non-emergency, invasive physical examination or screening as described above.

Parents who believe their rights have been violated may file a complaint with:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, D.C. 20202-5920



## Notificación de Derechos Bajo la Protección de los Derechos del Alumno (PPRA)

PPRA permite a los padres ciertos derechos con respecto a la realización de encuestas, recopilación y uso de información para propósitos de mercadeo, y ciertos exámenes físicos. Estos incluyen el derecho a:

- Consentimiento antes de los estudiantes deben someterse a una encuesta que se refiere a una o más de las siguientes áreas protegidas ("encuesta de información protegida") si la encuesta es financiada en su totalidad o en parte por un programa del Departamento de Educación de Estados Unidos (ED) -
  1. Afiliaciones políticas o creencias del estudiante o padres del estudiante;
  2. Problemas mentales o psicológicos del estudiante o la familia del estudiante;
  3. Comportamiento o actitudes sexuales;
  4. Ilegal, antisocial, auto-incriminación, o degradante;
  5. Evaluaciones críticas de otros con quienes los encuestados tienen relaciones familiares cercanas;
  6. Relaciones privilegiadas reconocidas legalmente, tales como con abogados, médicos, o ministros;
  7. Prácticas religiosas, afiliaciones o creencias del estudiante o sus padres; o
  8. Ingresos, aparte de lo requerido por la ley para determinar la elegibilidad del programa.
- Recibir notificación y una oportunidad de optar un estudiante fuera de -
  1. Cualquier otra encuesta de información protegida, sin importar el financiamiento;
  2. Cualquier no-emergencia, examen físico invasivo o evaluación requerida como condición de asistencia, administrado por la escuela o su agente, y no necesario para proteger la salud y seguridad inmediata de un estudiante, a excepción de audición, visión o escoliosis, o cualquier examen físico o chequeo permitido o requerido bajo la ley estatal; y
  3. Actividades que involucran la recolección, divulgación o uso de información personal obtenida de los estudiantes para su comercialización o para vender o distribuir la información a otros.
- Inspeccionar, bajo petición y antes de la administración o uso -
  1. Encuestas de información protegida de los estudiantes;
  2. Los instrumentos utilizados para recopilar información personal de los estudiantes para cualquiera de la comercialización, ventas u otros propósitos de distribución; y
  3. Material de instrucción usado como parte del currículo educativo.

Estos derechos se transfieren de los padres a un estudiante de 18 años de edad o menor emancipado bajo la ley estatal.

Chandler Unified School District (CUSD) ha desarrollado y adoptado políticas, en consulta con los padres, acerca de estos derechos, así como arreglos para proteger la privacidad del estudiante en la administración de encuestas de información protegida y la recolección, divulgación o uso de información personal para marketing, las ventas, u otros propósitos de distribución. CUSD notificará directamente a los padres de estas políticas por lo menos anualmente, al comienzo de cada año escolar y después de cualquier cambio sustancial. CUSD también notificará directamente, como a través de correo postal o correo electrónico, los padres de los estudiantes que están programados para participar en las actividades específicas o encuestas indican a continuación y proporcionará una oportunidad para que los padres optar su niño fuera de la participación de la específica actividad o encuesta. CUSD hará esta notificación a los padres al comienzo del año escolar si el Distrito ha identificado las fechas específicas o aproximadas de las actividades o encuestas en ese momento. Para las encuestas y actividades programadas después del año escolar comienza, los padres recibirán notificación razonable de las actividades y encuestas planeadas se enumeran a continuación y les dará la oportunidad de optar a su hijo de tales actividades y encuestas. Los padres también se proporcionará la oportunidad de revisar cualquier encuesta pertinente. A continuación se presenta una lista de las actividades y encuestas específicas cubiertas bajo este requisito:

- Recopilación, divulgación o uso de información personal para marketing, ventas u otra distribución.
- Administración de cualquier encuesta de información protegida no financiada en su totalidad o en parte por ED.
- Cualquier persona que no sea de emergencia, examen físico o de detección como se ha descrito anteriormente.

Los padres que creen que sus derechos han sido violados pueden presentar una queja con:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, D.C. 20202-5920

# General Information

This catalog lists the high school courses offered in the Chandler Unified School District. Students need to carefully consider the information in this catalog so they can make informed decisions about their course of study while attending a CUSD high school. Counselors are also available to assist students with course selections and to answer questions about their schedules.

Please note the following:

*It is important to review graduation requirements before making course decisions.*

Vocational schools, colleges, and universities have entrance requirements that may exceed high school graduation requirements.

Some courses have prerequisite requirements. Students must complete the prerequisites before enrolling in these classes.

*This catalog lists courses available at all the high schools in the Chandler Unified School District unless noted in the course description. Although a course is listed, it will not be offered unless a sufficient number of students register for the class.*

It is important that students make thoughtful course selections in the spring pre-registration period because course offerings and teacher assignments are based on spring registration numbers.

**Acceptance of transfer courses from sources outside CUSD is not automatic. Please meet with a counselor to determine how credit will be transferred before enrolling.**

## Course Credits

One unit of credit is granted to students who receive a passing grade in a course that meets for one period during the entire academic year. One-half unit of credit is granted to students who receive a passing grade in a one-semester course.

Courses taken at the junior high cannot be used for high school credit. High school math and world language courses taken in 7th and 8th grade may be placed on the student's high school transcripts but will not count towards fulfilling high school graduation requirements. Only students enrolled in grades 9-12 will receive credit for high school level courses.

By Governing Board policy, freshmen, sophomores and juniors are required to take six credit bearing courses. Seniors may enroll in a minimum of four courses if they are on track to meet graduation requirements. Seniors need to review their credits with a counselor to ensure that all graduation requirements are being met.

In the fall of the school year, students are classified as freshman if they have fewer than five credits. In order to be classified as a sophomore, students need to have at least five credits when school opens. Students are classified as juniors if they have earned at least ten credits, and a senior has to have at least sixteen credits at the beginning of the school year.

*Acceptance of transfer credits from sources outside the Chandler Unified School District is not automatic. It is recommended that students meet with their counselor before enrolling in courses outside the Chandler Unified School District to clarify whether the credit will be granted as an elective or core and to determine what process must be followed. Please refer to policy JFABC and JFABC-R, Admission of Transfer Student (Academic Transfer Credits). CUSD Governing Board Policy can be found at [ww2.chandler.k12.az.us/school-board.html](http://ww2.chandler.k12.az.us/school-board.html).*

# General Information

## Cross-credit Courses

The following list of courses may be used to substitute for credit in other areas. A more detailed description of each course is provided within the catalog.

- Courses that may be used or applied toward the physical education requirement: Spiritline, Beginning Dance, Intermediate Dance, Advanced Dance, Drill Team/Color Guard, Marching Band, Color/Winterguard and AFJROTC. Marching Band, Color/Winterguard, and AFJROTC credit will waive PE credit at the ratio of three semesters of Band/Winterguard/AFJROTC to two semesters of P.E.
- Courses that may be applied toward the science requirement: Applied Biological Systems may be applied towards the fulfillment of the Biology requirement. Biotechnology I and Biotechnology II may be applied as a lab science course. To receive lab science credit a student can take either Agriscience I and Agriscience II or Agriscience II and Agriscience III. Courses that may be applied toward the economics requirement: Agriculture Business Management, Business Applications, Marketing and Economics Applications, and the following Cooperative Education courses: Family & Consumer Sciences, Agriculture Business management, Business, Marketing & Economics, and Industrial Education.

## Education and Career Action Plan

The Arizona State Board of Education requires an Education and Career Action Plans (ECAP) for all Arizona students grades 9-12 (R7-2-302.05). All students in grades 9-12 will complete an Arizona Education and Career Action Plan. 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.

# General Information

## Program Planning

All students, in consultation with their families, need to develop a four-year high school plan of studies in order to prepare for college, vocational or technical studies, or the job market. To assist with this planning, review the chart below listing the course requirements for high school graduation.

*In addition to these requirements, all students in the graduating class of 2016-2017 and beyond are required to pass the state-mandated Civics Test in order to graduate.*

Special Education students are required to complete the course of study as prescribed in their Individual Education Plan (IEP).

Curriculum Area	Chandler Unified School District Graduation Requirements	Arizona University Entrance Requirements
English (see pg. 37)	4 credits	4 credits
Math (see pg. 54)	4 credits	4 credits
Science (see pg. 61)	3 credits Student must complete one year in the same science course to receive credit towards graduation. Investigative Science, Biology, Chemistry, Physics and Human Biology	3 lab science credits One credit in each of three different laboratory sciences selected from the following: Chemistry, Physics, or Biology. An integrated laboratory science or an advanced level laboratory science (Human Biology, Biotechnology, and Investigative Science) may be used to substitute for one required course.
Social Studies (see pg. 66)	3 credits World History/Geography, Economics, American/AZ History, US/AZ Government	2 credits
Career and Technical Education/Fine Arts	1 credit	1 Fine Arts credit or 1 CTE
World Language (see pg. 72)	0 credit	2 credits Two years of the same language
Physical Education	1 credit	0 credit
Comprehensive Health	½ credit	0 credit
Required Courses	16 ½ credits	16 credits
Elective Courses	5 ½ credits	0 credits
Total Required Credits	22 credits	16 credits

# High School Four Year Plan

Name \_\_\_\_\_ Student # \_\_\_\_\_ Counselor \_\_\_\_\_ Grad Yr. \_\_\_\_\_

**Post-secondary plan**

\_\_\_\_\_ Armed Service \_\_\_\_\_ Voc/Tech/Apprentice Training \_\_\_\_\_ Community College \_\_\_\_\_ Community College & 4 year University

\_\_\_\_\_ 4 Year University

**Please review page 3 for CUSD and 4 year Arizona University requirements**

	Freshman	Summer Sch.	Sophomore	Summer Sch.	Junior	Summer Sch.	Senior
English							
Math							
Science							
Social Studies							
Physical Ed							
Comp. Health							
Voc. Ed./Fine Art							
Foreign Language							
Electives							

Total credits CUSD required = 22

\_\_\_\_\_ Today's Date

\_\_\_\_\_ Student Signature

# General Information

## Explanation of Grades

### Non-Weighted Classes

All courses taught for credit receive a letter grade or a pass/fail option. The final examination will count for 20 percent of the final grade. Grade-point values and the percentage used to determine each grade are listed below.

Percentage	Letter Grade	Grade Point Value
90-100	A	4.0
80-89	B	3.0
70-79	C	2.0
60-69	D	1.0
0-59	F	0

**P/F** Pass/Fail (option only available for student aide, Peer Facilitator, or AVID tutor)  
**WF** Withdraw Failing

### Weighted Classes

Weighted grades are assigned to courses that are accelerated and more challenging. A 5.0 grade-point value is possible because of the academic rigor and higher expectations in the work required for that course. The grade-point value for these grades is: A=5.0, B=4.0, C=3.0, D=1.0, F=0. Weighted courses are listed with Honors, AP (Advanced Placement), and IB (International Baccalaureate) designations in their titles. Grade point average (GPA) for transferring students is recomputed in order to align the transferring classes with the courses offered at Chandler Unified School District high schools. Students transferring among CUSD high schools will receive weighted grades only for those classes that align to the receiving school's IB/AP/Honors classes.

### Pass/Fail Option

The pass/fail option is only available for student aides, Peer Facilitators, or AVID tutor.

### Advanced Courses

**Advanced Placement (AP)** courses are available at all CUSD high schools. AP courses prepare students to take the national Advanced Placement examination given in late spring of each school year. Students may be granted advanced placement status and/or college credit on the basis of how well they perform on these tests. Information regarding advanced placement courses and examinations is available from the counseling offices of each high school. Students are not required to take an advanced placement course to be eligible to take an advanced placement examination; however, students enrolled in AP courses are expected to take the AP exam. AP/Honors classes are not available to homebound students.

**International Baccalaureate (IB)** courses are available at Chandler High School. IB courses are part of a rigorous two-year curriculum leading to examinations and the IB diploma. Advanced placement status and/or college credit may be granted based on student performance within the program. Information regarding IB courses is available from the counseling office at Chandler High School.

# General Information

The International Baccalaureate Middle Years Programme (MYP) courses are available at Chandler High School. The Middle Years Program is a program of international education for 9th and 10th grade students designed to help students develop the knowledge, understanding, attitudes and skills necessary to participate actively and responsibly in a changing world. MYP students take accelerated classes culminating in a personal project at the end of 10th grade. After completing the MYP curriculum, students will be prepared to continue in the IB Diploma Program.

**Dual credit** from a college or university course may be granted if prior approval has been received. See school administration for specific information. Dual credit courses require the payment of tuition to the cooperating community college. Dual enrollment credit is earned when the course is taken at a high school in the Chandler Unified School District.

## Cooperative Education Courses

Senior students are offered opportunities for apprenticeships, internships, and jobs related to their individual education while in high school through Agriscience, Business, Family and Consumer Science, Health Sciences, Industrial Education, and Information Technology. Check with your counselor for instructor approval requirements and contact information. Co-curricular career and technical education clubs provide curriculum material for classes and job readiness activities. Students can earn 3 credits for cooperative education courses: 1/2 credit per semester for course work and 1 credit per semester for work experience if maintaining a continuous job. Complete prerequisite course(s) and instructor approval. All students are required to join and be dues-paying members of a career and technical student organization.

## Classes Taken a Second Time

All classes taken for a second time must be pre-approved by the Assistant Principal in charge of registration. When a 9-12 class is taken a second time, and is not a class that may be repeated for credit, the highest grade earned will be the grade included in GPA calculations; however, both classes will be listed on the official transcript.

## Admission to Colleges and Universities

Admission requirements to colleges and universities vary greatly. Printed brochures are available for our in-state universities in both the Counseling Offices and Career Centers. Students seeking out of state admissions will want to become familiar with colleges websites for undergraduate entrance requirements.

Applicants to Arizona universities must meet the following general requirements: For unconditional admission, students must successfully complete the college core competencies and also meet one of the following: rank in the upper 25 percent of their high school graduating class; have an overall minimum core grade point average of 3.0 on a 4.0 scale; or have a minimum score of 22 on the ACT or a minimum score of 1120 on the critical reading and math portions of the SAT; and complete the course requirements.

For conditional admission, a student must rank in the upper 50 percent of their high school graduating class, or have an overall minimum grade point average of 2.5 on a 4.0 scale. A student may have a deficiency in any two subjects under course work requirements, but the deficiency cannot be in math and science or the same subject.

**NCAA Eligibility:** All prospective student athletes who intend to participate in Division I or Division II athletics as freshmen in college must register and be certified by the NCAA Initial Eligibility Clearinghouse. See your counselor for details and registration procedures.

# General Information

NAIA Eligibility: All prospective student athletes who intend to participate in NAIA athletics as a freshman must register and be certified by the NAIA Eligibility Center. See your counselor for details and registration procedures.

*Out-of-state schools have additional requirements and differ considerably. It is suggested that the student send for an out-of-state catalog to become familiar with specific requirements.*

## Arizona Board of Regents High Honors Tuition Waiver Scholarship

Qualified graduates of Arizona high schools may be eligible for a partial state university tuition waiver. For qualifications and more information, contact your counselor or the Arizona Department of Education at <http://www.ade.az.gov/asd/tuitionwaiver>

## Attendance Requirements

Since regular attendance is a key to academic success, students need to be in attendance daily. School attendance is the responsibility of the student and their family.

- There are two types of absences: excused and unexcused.
- Each unexcused absence will result in teacher and/or administrator action, or both.
- A student should attend 90 percent of class sessions to receive credit. Failure to meet this standard may lead to withholding of credit. Cases involving prolonged illness or unusual circumstances will be reviewed by the school administration.
- Release time is given only with permission of parent or guardian.
- Teachers are responsible for recording daily attendance or tardies.
- If tardies become excessive, administrative action will be taken.

Please review the attendance procedures and policies listed in the student handbook for additional information.

## Students Registering for School after the 20<sup>th</sup> day of a Semester

If a student registers in a CUSD high school after the 20th day of the semester and has not attended any school during the past 20 school days, the student may be registered and have the opportunity to earn credit if missed work is made up according to the requirements of the classroom teachers. It is also important to note that students who drop a course after the 20th day of a semester will receive a failing grade for that course.

## Transfer Students

Acceptance of transfer credits from sources outside the Chandler Unified School District is not automatic. Coursework completed outside the District will be evaluated to determine whether elective or core credit will be awarded. Please refer to policy JFABC and JFABC-R, Admission of Transfer Student (Academic Transfer Credits). Following a transfer, the receiving school will give the student a list showing which credits were accepted as core subject credits and which were accepted as credits for electives. Within 10 days of receiving this list, a student may request to take an exam for any course accepted as an elective. If the student earns a score that demonstrates proficiency, the school will accept the transferred credit as core credit. CUSD Governing Board Policy can be found at [ww2.chandler.k12.az.us/school-board.html](http://ww2.chandler.k12.az.us/school-board.html).



# General Information

Transfer students who plan to graduate from a CUSD high school will be held responsible for District graduation requirements. In addition, students must earn at least two (2) credits from one of the District high schools, and be enrolled in the school granting the diploma in the semester of graduation.

## Correspondence Courses and Distance Learning Courses

Four credits from correspondence/distance learning courses may be accepted toward the graduation requirements from providers outside the Chandler Unified School District. Students should consult with their counselor before enrolling in courses outside the Chandler Unified School District to ensure that the credit will transfer.

## Material Usage Fees

High school students may be assessed reasonable fees for fine arts and career and technical education courses and for optional services, equipment and materials offered to students beyond those required to successfully complete the basic requirements. A list of fees is available at the Bookstore. **Any student or family not able to pay these fees because of economic hardship should contact the school's principal.**

## Special Education

Various individualized programs are available to students identified with a disability. State and federal laws and guidelines regulate eligibility for special education programs. Multi-disciplinary teams, including administrators, teachers, counselors, psychologists, parents, and students, cooperate in developing programs. Specialized accommodations in regular education classes are also designed for qualified students.

Services in fourteen disability categories are available in a variety of environments, including regular and special classrooms. Related services such as speech, OT, PT, Adaptive PE, counseling, transportation, hearing and vision are also available so students may benefit from their Special Education. Pre-vocational, vocational and transition areas are addressed. Registration for Special Education classes is arranged through the Special Education Department Chairs.

## East Valley Institute of Technology (EVIT)

Chandler Unified School District cooperates with the East Valley Institute of Technology; however, EVIT is a separate school district apart from the Chandler Unified School District. It is a specialized school offering high school level technical training in 13 cluster areas. EVIT students attend career and technical courses one-half of each day. The other half is spent at their home high schools. Transportation is provided between home schools and EVIT. Counselors at all CUSD high schools can provide detailed information on entrance requirements and program specifications. EVIT course selections are listed at the end of this catalog.

## IMPACT Chandler Scholars (Formerly known as Vision College Bound)

The Chandler Education Foundation offers the ICS program, which is primarily a recognition reward program for Chandler Unified School District high school students. IMPACT Chandler Scholars who complete the program by demonstrating academic excellence, exemplary attendance, and a commitment to service in the community over four years of high school often qualify for scholarship and financial aid opportunities their senior year. IMPACT Chandler Scholars are unique in that they are prepared academically to succeed in college while understanding and embracing what it means to be committed and active citizens. In addition, if you successfully meet the ICS requirements, you will be eligible to apply the second semester of your senior year for an ICS scholarship. For program details, please visit [www.ChandlerEdFoundation.org/impact](http://www.ChandlerEdFoundation.org/impact).

# General Information

## Arizona Academic Scholars

Arizona Academic Scholars are high school students who have completed the Scholars Course of Study, a specific sequence of academic courses in math, science, language arts, and social studies. The Arizona Academic Scholars philosophy is based on the belief that it is better to pass an academically challenging course than to get a higher grade in an easier course. Arizona Academic Scholars receive special recognition for their academic achievements during high school and upon graduation. The course of study is as follows:

<b>COURSES</b>	<b>YEARS</b>
<b>English</b>	4
<b>Mathematics</b>	4
<b>Science</b>	3
<b>Social Studies</b>	3
<b>Language other than English</b> (2 years of the same language)	2
<b>Fine Arts/Career and Technical Education (CTE)</b>	2 from Fine Arts and/or CTE

To qualify as an Arizona Scholar, students must have earned a C or better in the above classes and meet all other CUSD graduation requirements. See your school counselor for further details.

# Air Force Junior ROTC

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a program designed to develop citizens of character dedicated to serving their nation and community. It is NOT a military recruiting program. Each AFJROTC class consists of three components: Aerospace Science (AS), Leadership Education (LE), and a wellness program. *Uniform wear and associated grooming standards are required elements in all AFJROTC courses. Successful completion of three semesters of AFJROTC fulfills the graduation requirement for PE. Each school will determine which of the following Aerospace Science & Leadership Education courses are offered during this school year.*

## Journey Into Aviation History AS 100

Grades: By site	Full Year	1 Credit
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Cadets study flight from ancient times to current developments. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

## Science of Flight AS 200

Grades: By site	Full Year	1 Credit
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Cadets study how airplanes fly, how weather conditions affect flight, the human body in the flight environment, and flight navigation. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

## Cultural Studies: An Introduction to Global Awareness AS 220

Grades: By site	Full Year	1 Credit
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Cadets examine various regions of the world from a geographic, and cultural perspective, history, religions, languages, political systems, economics, social issues, environmental concerns, and human rights. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

## Exploring Space AS 300

Grades: By site	Full Year	1 Credit
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*Prerequisite: Understand that uniform wear and grooming standards are required*

Cadets examine the space environment and why humans should explore space, manned and unmanned spaceflight, and space technology, with a focus on the science and technology of spaceflight. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

## Management of the Cadet Corps AS 400

Grades: By site	Full Year	1 Credit
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Cadets will execute primary leadership of the entire cadet corps. They will put into practice their communication, decision-making, personal interaction, managerial, and organizational skills. Cadets achieve course objectives by completing corps management activities. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

## Aviation Honors Ground School AS 500

**Hamilton only**

Grades: By site	Semester	1 Credit
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*Prerequisite: 11<sup>th</sup> or 12<sup>th</sup> grade student with Instructor approval*

Cadets study aerodynamics, airplane systems, airports, airspace, communications, Federal Air Regulations, navigation, airplane performance, flight planning, and flight physiology in preparation for the Federal Aviation Administration (FAA) Private Pilot Certificate written examination. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived*

## Competitive Drill Team AS 500 / Honor Guard AS 500

**Hamilton only / Basha and Chandler only**

Grades: By site	Semester	½ Credit
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*Prerequisite: Enrollment in an AFJROTC AS Course*

In-depth instruction concentrates on the elements of military drill. Competitive drill teams emphasize teamwork, attention to detail, and precision formation movements and are regulated by AIA and District eligibility rules for competitions. Honor Guard teams are trained for ceremonial performances and protocol for civilian and military events where they earn community service hours. *Two semesters of Competitive Drill/Honor Guard in conjunction with two semesters of any other AFJROTC course fulfills the graduation requirement for PE. NOTE: Competitive Drill Team at HHS only / Honor Guard at BHS and CHS only.*

# Air Force Junior ROTC

## Survival Training AS 410

Basha only

Grades: By site	Full Year	1 Credit
<i>Prerequisite: Journey into Aviation History AS 100</i>		

Cadets learn the skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival.

## Competitive Drill Team / Honor Guard

Hamilton only / Basha and Chandler only

Grades: By site	Semester	½ Credit
<i>Prerequisite: Enrollment in an AFJROTC AS Course</i>		

In-depth instruction concentrates on the elements of military drill. Competitive drill teams emphasize teamwork, attention to detail, and precision formation movements and are regulated by AIA and District eligibility rules for competitions. Honor Guard teams are trained for ceremonial performances and protocol for civilian and military events where they earn community service hours. *Two semesters of Competitive Drill/Honor Guard in conjunction with two semesters of any other AFJROTC course fulfills the graduation requirement for PE.*

## Each Aerospace Science (AS) Class (except AS 500) will be paired with one of the following Leadership Education Courses

### LE 100 - Traditions, Wellness, and Foundations of Citizenship

Cadets receive an introduction to military traditions, citizenship, the US government, wellness, health, fitness and character building.

### LE 200 - Communication, Awareness, and Leadership

Cadets study communication and personal development, building personal awareness, understanding groups and teams, and preparing for leadership.

### LE 300 - Life Skills and Career Opportunities

Cadets examine saving, investing, spending wisely, avoiding the credit trap, grocery shopping, apartment selection, preparing for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century.

### LE 400 - Principles of Management

Cadets examine managers and management, planning and decision making, managing change, stress, innovation, leadership and trust, leadership theory, leadership issues, and coaching/mentoring.

# CTE - Agriscience

All courses in this department will meet CUSD requirements for CTE Credit or Elective Credit. All courses in this department will meet in-state university admissions requirement for CTE credit. See course description for further details.

## Plants, Animals, and Leadership

Grades: 9, 10, 11	Full Year	1 Credit
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Students will learn how agriculture plays a key role in the U.S. and world economy along with hands on instruction in plant and animal sciences, mechanics, and leadership development. A Supervised Agricultural Experience Program (SAE) is required for all students. Students will participate in FFA where they will develop leadership and skills for career success. *At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Applied Biological Systems

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>BHS Prerequisite Only: PAL or co-enrolled for one semester of Floriculture or Animal Life</i>		
<i>This course may be applied toward fulfillment of the biology requirement.</i>		May be offered for Dual Credit

Students will have hands on instruction that focuses on how plant and animal sciences play a key role in Biology. Emphasis will be on major biology components and how they related to life. A Supervised Agricultural Experience Program (SAE) is required for all students. Students will participate in FFA where they will develop leadership and skills for career success. *At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Animal Life

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Concurrent enrollment or completion of Biology or ABS</i>		

This course focuses on the science of Arizona wildlife and companion animal care. Students will participate in FFA where they will develop leadership and skills for career success. *At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Floriculture

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Concurrent enrollment or completion of Biology or ABS</i>		May be repeated for credit

This course focuses on floral design and the history of the flower industry. Units include basic botany, floral supplies and equipment, principles of floral design, color and symmetry, construction and mechanics of floral design, selection and judging, floral crops, preparation and care of flowers and foliage. Students will participate in FFA where they will develop skills for leadership and career success.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## AgriScience I

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: One full credit of any Agriscience Course</i>		May be offered for Dual Credit

This course focuses on plant sciences, specifically with plant production in the greenhouse. Units include plant growth and development, hydroponics, propagation, nutrition, pests, greenhouse management, landscape plant identification, design and installation of irrigation systems, and equipment maintenance. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this course. *Completion of Agriscience I and II will provide one credit of laboratory science for university admission or high school credit and one elective credit. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

# CTE-Agriscience

## AgriScience II

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: One full credit of any Agriscience Course</i>		May be offered for Dual Credit

This course focuses on the animal sciences as well as the history and trends in animal industries. Units include animal selection, health, nutrition, reproduction, genetics, meat evaluation, and horse care. Business principles of the animal industries are included. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this same course. *Completion of Agriscience I and II or Agriscience II and III will provide one credit of laboratory science for university admission or high school credit and one elective credit. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## AgriScience III

**Hamilton only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: One full credit of any Agriscience Course</i>		

This class will prepare students for careers in the landscaping industry. Units include landscape plant identification, plant pests, plant nutrition, landscape design and installation, turf management, irrigation systems, equipment maintenance. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success. *Completion of Agriscience II and III will provide one credit of laboratory science for university admission or high school credit and one elective credit. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Agriculture Engineering

**Basha and Chandler only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: One full credit of any Agriscience Course</i>		May be repeated for credit
<i>Course Fee Required</i>		

This course will cover some of the mechanical skills needed in the agricultural industry. Units taught include safety, tool identification and maintenance, computer applications in mechanics, arc welding, mig welding, plumbing, electricity, electric motors, woodwork, working drawings, surveying, concrete, small gas engines, tractor operation and safety. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Agriculture Business Management

**Basha and Chandler only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Two full credits of any Agriscience Courses</i>		May be offered for Dual Credit
<i>This course may be taken for Economics credit.</i>		

Students will learn the basics of agricultural business management. Topics include entrepreneurship, profit-maximizing principles, salesmanship, leadership in the workplace, machinery management, and job interview skills. A project will be required of all students. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success.

*At Chandler High School, students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Agriculture Business Management Cooperative Education

**Basha and Chandler only**

Grades: 12	Full Year	3 Credits
<i>Prerequisite: Two full credits of any Agriscience Courses and instructor approval</i>		May be offered for Dual Credit
<i>This course may be taken for Economics credit.</i>		

Students will learn the basics of agricultural business management. Topics include entrepreneurship, profit-maximizing principles, salesmanship, leadership in the workplace, and job interview skills. A project will be required of all students. Students will be required to work an average of 15 hours per week and attend class. SAE records will be required. Students will participate in FFA where they will develop skills for leadership and career success. Students must have their own transportation and insurance.

*At Chandler High School, students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

All courses in this department will meet CUSD requirements for CTE Credit or Elective Credit. All courses in this department will meet in-state university admissions requirement for CTE credit. See course description for further details.

# CTE - Business

## Business, Management and Technology

Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
		May be offered for Dual Credit

This course is an introductory business class designed to provide a fundamental understanding of business management through “hands-on” exercises in Word Processing, Excel Spreadsheet, Access Database, PowerPoint, and Desktop Publishing. Students will be exposed to many facets of business including accounting, personal finance, budgeting, ethics, management, employability skills and marketing. Students will also explore career opportunities, and learn to apply problem solving and decision-making skills to various business related situations. Business concepts such as checking accounts, saving and investing, personal finance are integrated throughout the course in order to help students prepare for the economic roles of consumer, worker, and citizen. Industry certification may be offered in this course. Students enrolled in this course can join Future Business Leaders of America (FBLA), which is the career and technical student organization associated with the Business program. Opportunities available through FBLA include leadership development, field trips, and academic competition.

## Business Management and Administrative Services (BMAS)

Hamilton only

Grades: 10, 11, 12	Full Year	1 Credit
		May be offered for Dual Credit

This is an entrepreneurship course for students who want to start, organize and operate a small business enterprise. Students evaluate the role and risks of small business in an ever-changing economy, develop a business plan, and develop a product/service idea to compete in our annual Business Fair. Through real life project based activities, students will learn many core business principles and skills. Core principles learned in this class include, accounting, economics, entrepreneurship, ethics, finance, business law, marketing and advertising. Skills learned and enhanced include, teamwork, problem-solving, decision making, customer service, communications and technology. Industry certification may be offered in this course. Students enrolled in this course can join Future Business Leaders of America (FBLA), which is the career and technical student organization associated with the Business program. Opportunities available through FBLA include leadership development, field trips, and academic competition.

## Business and Economic Applications

Hamilton only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: One year of Business (BMT or BMAS) course</i>		
<i>This course may be taken for Economics credit.</i>		

Students receive instruction on employment preparation and retention, improving oral and written communication, computer software usage, office procedures, customer service, leadership, ethics, economics, accounting and finance. Students enrolled in this course can join Future Business Leaders of America (FBLA), which is the career and technical student organization associated with the Business program. Opportunities available through FBLA include leadership development, field trips, and academic competition. Students will develop economic reasoning skills in order to apply basic economic concepts, assess problems, and make choices as consumers, workers, and citizens.

## Business and Economics Cooperative Education

Hamilton only

Grades: 12	Full Year	3 Credits
<i>Prerequisite: One year of Business (BMT or BMAS) course</i>		
<i>This course may be taken for Economics credit.</i>		

Business Cooperative Education is a work/study program with community employers, which provides instruction and training for students preparing for careers in business. Students receive instruction on employment preparation and retention, improving oral and written communication, computer software usage, office procedures, customer service, leadership, ethics, economics, accounting and finance. In this cooperative education methodology, one credit hour is given for school classroom work and two credits are given for supervised field based learning. Students work in a paid office-related occupation a minimum of 15 hours per week. Students enrolled in this course can join Future Business Leaders of America (FBLA), which is the career and technical student organization associated with the Business program. Opportunities available through FBLA include leadership development, field trips, and academic competition. Students will develop economic reasoning skills in order to apply basic economic concepts, assess problems, and make choices as consumers, workers, and citizens.

## Marketing I

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit May be offered for Dual Credit
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This course exposes students to many facets of business and the 4 P's (Product, Price, Place, and Promotion) of marketing including consumer behavior, legal and ethical issues, branding, management, communication, employability skills, leadership, decision-making, and opportunities in marketing related careers. Also, many other aspects including economics, e-commerce, selling, market research, product planning, merchandizing, and promotion. There is a hands-on project with every unit in which classroom instruction is applied to a realistic situation. Students enrolling in this course are automatically enrolled in DECA, which is the Career and Technical Student Organization associated with the Marketing program. Opportunities available through DECA include leadership development, event planning, networking, digital and social media marketing, field trips, travel, and competition.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Marketing II

**Basha, Chandler, Hamilton, and Perry only**

Grades: 10, 11, 12 <i>Prerequisite: Marketing I</i> <i>Fee Required</i>	Full Year	1 Credit May be offered for Dual Credit
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Marketing II builds upon the marketing fundamentals learned in Marketing I with an emphasis in sports and entertainment marketing, and entrepreneurship. Students will actively participate in project based learning and exhibit advanced levels of sales methods and selling techniques. Students enrolling in this course are automatically enrolled in DECA, which is the Career and Technical Student Organization associated with the Marketing program. Opportunities available through DECA include leadership development, event planning, networking, digital and social media marketing, field trips, travel, and competition.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## School Based Enterprise

**Basha, Chandler and Perry, only**

Grades: 10, 11, 12 <i>Prerequisite: Marketing I</i> <i>Fee Required</i>	Full Year	1 Credit
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Students enrolled in this course will work in the student store where they will gain valuable work experience, customer service skills, merchandising and basic money handling skills. This course also includes classroom instruction on the fundamentals of retail marketing. Students are automatically enrolled in DECA, which is the Career and Technical Student Organization. Opportunities available through DECA include leadership development, field trips, travel, and competition. Students who successfully complete this course will be prepared for entry-level positions in retail.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Marketing Education / Economics Applications

**Chandler and Perry only**

Grades: 12 <i>Prerequisite: Marketing I</i> <i>Fee Required</i> <i>This course may be taken for Economics credit.</i>	Full Year	1 Credit
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Marketing and Economics Applications provides instruction and training for students preparing for careers in marketing, management and entrepreneurship. Students will receive instruction related to success as an employee, commercial selling, advanced marketing concepts, advanced marketing research, written and verbal communication skills, problem solving skills, personal finance, investing, and leadership. One hour of credit is given for classroom work for the full year. Students are required to join DECA, which is the Career and Technical Student Organization. Opportunities available through DECA include leadership development, field trips, travel, and competition.

*At Chandler High School, students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*



## Marketing and Economics Cooperative Education

Basha, Chandler, and Perry only

Grades: 12

Full Year

3 Credits

*Prerequisite: Marketing I and instructor approval*

*Fee Required*

*This course may be taken for Economics credit at CHS and PHS only.*

Marketing Education is a work-study program that provides instruction and training for students preparing for careers in marketing, management and entrepreneurship. Students will have one class period of instruction related to success as an employee, advanced marketing concepts, advanced marketing research, written and verbal communication skills, problem solving skills, and commercial selling. Students will be placed in marketing related positions. Students must work an average of 15 hours per week. Students must have their own transportation and insurance coverage. Students must see the marketing instructor their junior year to apply, and all students are required to join the Career and Technical Student Organization, DECA.

*At Chandler High School, grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

All courses in this department will meet CUSD requirements for CTE Credit or Elective Credit. All courses in this department will meet in-state university admissions requirement for CTE credit. See course description for further details.

# CTE - Family and Consumer Science

## Culinary Arts I

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Maricopa County Food Handler Certificate</i>		May be offered for Dual Credit
<i>Fee Required</i>		

Culinary Arts I is designed to introduce students to the theory and practice of the basic fundamentals of cooking. Emphasis is on safety, sanitation, terminology, measurements, nutrition, and knife skills. Class may be enhanced through labs, guest speakers, and leadership opportunities through the club FCCLA (Family, Career, Community Leaders of America). Students need to be aware that class will use foods that contain allergens. Consult with teacher for specific information.

## Culinary Arts II

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Culinary Arts I, Instructor approval, and Maricopa County Food Handler Certificate</i>		May be offered for Dual Credit
<i>Fee Required</i>		

Culinary Arts II builds upon the fundamental techniques learned in Culinary Arts I with exploration of various cooking techniques and preparation methods for full meals. Cooking experience gained through classroom instruction as well as various catering opportunities. Membership in FCCLA required. Students need to be aware that class will use foods that contain allergens. Consult with teacher for specific information. Industry certification may be offered in this course.

## Culinary Arts III

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Culinary Arts II, Instructor approval, and Maricopa County Food Handler Certificate</i>		May be offered for Dual Credit
<i>Fee Required</i>		
		<i>May be repeated for credit</i>

Culinary Arts III is designed to allow students to extend their knowledge of catering, hospitality, baking and calculating food costs by providing catered events for the school and community. The focus and structure will revolve around competition and Front of the House experience, so that student's will be prepared to work in the food services and hospitality industries. Culinary leadership opportunities will be enhanced through FCCLA, C-CAP, and Internships. Membership in FCCLA is required. Students need to be aware that class will use foods that contain allergens. Consult with teacher for specific information. Industry certification may be offered in this course.

## Design and Fashion Merchandising I

**Basha and Perry only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		

This class will develop skills needed to work in the design industry. This course covers elements and principles of design, history of fashion, fabric and textiles in fashion.. An overview of the apparel industry including marketing principles, creating window displays, apparel construction, store operations, wardrobe planning and the use of technology. Purchase of material for projects required. Field trips to local businesses, LA/New York garment districts and FCCLA competitions may be available. Participation in Fashion Show may be available.

# CTE - Family and Consumer Science

## Design and Fashion Merchandising II

**Basha and Perry only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Design and Fashion Merchandising I</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

This class will add skills to the student who is interested in the Fashion and Interior Design Industry. This course covers various aspects of the principles of design, influences of fashion trends, marketing techniques and advanced apparel construction techniques. Students will develop a small business idea and follow it through with advertising and product development. Field trips to local businesses, LA/New York garment districts and FCCLA competitions may be available. Participation in Fashion Show may be available.

## Early Childhood Education I

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		<i>May be offered for Dual Credit</i>

This course addresses the physical, social, emotional, and mental development of the child. Parental, caregiver, and occupational roles in early childhood professions will be examined. Students interact with children in the on-campus childcare center. Students may have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) FCCLA or FEA.

## Early Childhood Education II

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Early Childhood Education I</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		
		<i>May be offered for Dual Credit</i>

This course will prepare students for employment in residential, institutional and early childhood settings. The program includes instruction in child growth and development, health, nutrition, safety, and guidance. Students will develop and implement age appropriate learning activities in the on-campus childcare center. It will also cover the management of effective childcare programs and facilities. Industry certification may be offered in this course. Students will have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) FCCLA or FEA.

## Early Childhood Education-Child Development Associate (CDA)

**Basha, Chandler and Perry only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Early Childhood Education II</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

This course will focus on the application of skills attained in Early Childhood Education I & II through the onsite childcare center. Students will be working towards industry certification: The Child Development Associate Credential. Students will develop lesson plans, classroom management techniques, and a professional work portfolio. Industry certification may be offered in this course. Students will have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) FCCLA or FEA.

## FACS and Economics Cooperative Education

Grades: 12	Full Year	3 Credits
<i>Prerequisite: One year of a Family and Consumer Science class</i>		

This course is a class for students wanting work experience in areas related to FACS, such as, Culinary Arts, Early Childhood Education, Education Professions, and Design and Fashion Merchandising programs. Students are required to work in a paid position for an average of 15 hours per week. They must have their own transportation and insurance coverage. This course covers finding and keeping a job, personal budgeting, taxes, business ethics, and entrepreneurship. This course may be taken for Economics credit. Membership in FCCLA is required.

All courses in this department will meet CUSD requirements for CTE Credit or Elective Credit. All courses in this department will meet in-state university admissions requirement for CTE credit. See course description for further details.

# CTE - Health Sciences

## Biotechnology I

**Basha High School only**

Grades: 9 (AMS only), 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Biology</i>		May be offered for Dual Credit
<i>Fee Required</i>		<i>May be repeated for credit</i>

This course is designed to introduce students to the scientific concepts and laboratory research techniques currently used in the field of biotechnology. Students will develop laboratory skills, critical thinking, and communication skills currently used in the industry. After completing this course, students will have the necessary skills to transition to an entry-level biotech position. Biotechnology I areas of study include: DNA & protein structure, function and analysis, bioethics and careers in biotechnology. Leadership skills are enhanced through HOSA: Future Health Professionals. This course will satisfy 1 Biological Lab Science credit for Arizona university entrance requirements.

## Biotechnology II

**Basha High School only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Biotechnology I</i>		May be offered for Dual Credit
<i>Fee Required</i>		

This course is designed as a continuation of Biotechnology I. Students will be introduced to the scientific concepts and advanced laboratory research techniques currently used in the field of biotechnology. Areas of study include plant biotechnology, synthesizing DNA and PCR, pharmaceutical biotechnology and DNA sequencing and Genomics. Leadership skills are enhanced through HOSA: Future Health Professionals. This course will satisfy 1 Biological Lab Science credit for Arizona university entrance requirements.

## Medical Professions I

**Basha and Perry only**

Grades: 11, 12	Full Year	1 Credit
<i>Fee Required</i>		May be offered for Dual Credit

This program is designed to prepare students for a variety of health care professions. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills. In addition, students will have advanced employability skills including critical thinking skills, applied academic skills, and life management skills. Certification for CPR and training for First Aid certification will be obtained. Leadership skills are enhanced through HOSA: Future Health Professionals.

## Medical Professions II

**Basha and Perry only**

Grades: 12	Full Year	1 Credit
<i>Recommended: Human Biology</i>		
<i>Prerequisite: Medical Professions I</i>		
<i>Fee Required</i>		

This course prepares students to apply academic and technical allied health knowledge and skills in a clinical experience. Weekly clinical hours may extend beyond the regular school day. Students who complete this program will have the technical knowledge and skills to become a Licensed Nursing Assistant, the competencies to be accepted in a postsecondary health care program, and the skills to seek employment in new and emerging occupations. CPR for healthcare provider's certification will be obtained. Industry certification is offered in this course. Students will have the opportunity to participate in HOSA: Future Health Professionals.

## Sports Medicine I

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		

This course is designed for students interested in learning prevention, treatment, and rehabilitation of athletic injuries. Topics include anatomy, physiology, first aid, CPR, physical conditioning, nutrition, therapeutic modalities and therapeutic exercise. CPR for healthcare provider's certification will be obtained. Students will have the opportunity to participate in HOSA: Future Health Professionals. Students who participate in the after school Sports Medicine Student Aide Club must be enrolled in Sports Medicine I.

At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

# CTE - Health Sciences

## Sports Medicine II

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Sports Medicine I*

*May be repeated for credit*

*Fee required*

This course is designed as a continuation of Sports Medicine I. It is designed to increase students' knowledge in injury assessment, therapeutic modalities, and therapeutic exercise to treat athletic injuries. Students will have the opportunity to participate in HOSA: Future Health Professionals. Industry certification maybe offered in this course. Students who participate in the after school Sports Medicine Student Aide Club, must be enrolled in Sports Medicine II

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

All courses in this department will meet CUSD requirements for CTE Credit or Elective Credit. All courses in this department will meet in-state university admissions requirement for CTE credit. See course description for further details.

# CTE - Industrial Education

## Automotive Technologies I

Chandler only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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This course prepares the student to apply technical knowledge and skills in the areas of safety, adjustments, parts replacement, utilization of hand and power tools, plus training in application and utilization of automotive shop equipment. This course includes developing career plans, preparing for employment, participating in work based learning experiences, demonstrating oral and written communication skills, understanding financial operations of small businesses, identifying characteristics of successful leaders in the work place and participation in leadership development activities. Hands-on lab activities are included.

## Automotive Technologies II

Chandler only

Grades: 10, 11, 12 <i>Prerequisite: Automotive Technologies I</i> <i>Fee required</i>	Full Year	1 Credit
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This course provides students with the technical skills and knowledge in the areas of engine tune-up, suspension systems, brakes, air conditioning, cooling, fuel, and electrical systems. Hands-on lab activities are included. Industry certification may be offered in this course.

## Automotive Technologies III

Chandler only

Grades: 11, 12 <i>Prerequisite: Automotive Technologies II</i> <i>Fee required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This course will assist each student to gain the technical skills in automotive component diagnosis. Practical and theoretical applications of the principals involved in automotive computerized systems will be a major focus point of the class. Students will become familiar with career and occupational opportunities and certification requirements in automotive technology. Hands-on lab activities are included. Industry certification may be offered in this course.

## Woods I

Chandler only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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This course teaches students the principles of safe operation of woodworking tools and machines. Students learn proper woodworking, cabinetmaking, and furniture making techniques and skills. Students are required to complete projects that utilize consumable materials. Industry certification may be offered in this course.

## Woods II

Chandler only

Grades: 10, 11, 12 <i>Prerequisite: Woods I and instructor approval</i> <i>Fee Required</i>	Full Year	1 Credit
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This class expands the students' skills in woodworking, cabinetmaking, and furniture making. Skills and techniques are developed through the completion of more complex projects. Industry certification may be offered in this course.

# CTE - Industrial Education

## Woods III

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Woods II and instructor approval</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

This course is the capstone to the Woods program, preparing students for employment in the woodworking cabinetmaking and furniture making industries. Students will complete set projects as well as design and construct their own projects. Industry certification may be offered in this course.

## Architectural Drafting I

Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		

This course is designed to introduce students to the principles, concepts, practices and standards for architectural design and construction. Emphasis is placed on the use of CAD tools in the creation of architectural models and standard construction drawings. While generating CAD models students will learn about green and sustainable design and how to create 3-D BIM models along with standard working drawings.

## Architectural Drafting II

Hamilton only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Architectural Drafting I</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

This course is designed to utilize the tools and information from Architectural Drafting I to obtain industry certification with the American Design & Drafting Association. This course will also include commercial design along with creating a complete set of working drawings.

## Digital Photography I

Basha, Casteel, Hamilton, and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		<i>May be offer for Dual Credit</i>

This course instructs the basic fundamentals of digital imagery, including image capture, image editing and image output. Camera, computer and printing operations will be covered and aligned with the state standards for media technologies. Photographic concepts, photographic history and photography as a career will also be covered in this beginning level course. No prior photography skills are required for this course.

## Digital Photography II

Basha, Casteel, Hamilton, and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Digital Photography I</i>		
<i>Fee Required</i>		

This one-year course builds on the skills learned in Digital Photography I with an emphasis on production for the needs of clients, publication, or competition. Special attention will be given to the profession of the photographer as artist and commercial artist. Students will be expected to develop technical expertise to enhance their digital imaging skills. Explorations in the process, production, and role of digital imaging will provide the students with the 21st century skills necessary for personal development and the work setting. Areas of concentration include portrait photography, photo documentation and journalism, color photography, and the photo essay. Students will design a photo project and will be expected to exhibit their work.

# CTE - Industrial Education

## Digital Photography III

Basha, Hamilton, and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Digital Photography II</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

This is a one-year course for students who are interested in pursuing photo and graphic communications professionally. Each student will be expected to apply the skills learned in Digital Photography 1 and 2 during a service-learning project in which they provide a photographic service to an organization or business. In addition to developing their own personal projects, students will refine professional skills required by the professional graphics industry. Digital Photography 3 students will be expected to mentor both Digital Photography 1 and 2 students.

## AP Studio Art: 2-D Design Portfolio

Hamilton High School only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor Approval</i>		<i>May be repeated for credit</i>
<i>Fee required</i>		

This program is intended for highly motivated students committed to serious study in art. IB/AP work involves significantly more time than most art courses. The program is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts. TOK curriculum will be incorporated during the school year.

## Graphic Design I

Basha, Casteel, Hamilton and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		<i>May be offer for dual credit</i>

This course introduces the student to the creative processes used in printed and digital media fields. Students will explore the Adobe Creative Suite (Photoshop, Illustrator, InDesign, Dreamweaver, Acrobat, etc...) to create visually dynamic printed and digital products. Emphasis is placed on software operation, the creative process, project management and good work habits.

## Graphic Design II

Basha, Casteel, Hamilton and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Graphic Design I</i>		
<i>Fee Required</i>		

This course expands on the skills developed in Graphic Design I. Students will develop a more advanced operational skill set in the design software. Group and individual projects involving websites, brochures, posters and other popular marketing materials will be created. Industry certification may be offered in this course.

## Graphic Design III

Basha, Hamilton and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Graphic Design II</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

This course takes the knowledge from Graphic Design I & II to a professional, project based level. Students will participate in real-world design projects utilizing the Adobe Creative Suite. Students who demonstrate interest and ability may be asked to participate in projects for their school and community. Industry certification may be offered in this course.

## Digital Printing I

Chandler only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		

Digital Printing I introduces students to the creative art process used for digital media production. Students will explore the Adobe CC® creative suites (Photoshop, Illustrator, InDesign, and more) for creating visually dynamic printed products such as T-shirt, and other professional projects. Emphasis placed on software use, creative process, project management, and production. Students will participate in SkillsUSA events.



# CTE- Industrial Education

## Digital Printing II

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Digital Printing I</i>		
<i>Fee Required</i>		

Digital Printing II course expands on the skills developed in Digital Printing I. Students will develop more advanced operational skills of the design software and management to determine the best method for producing products. Student will work on group and individual professional projects. Students will use professional products like, banners, posters, textile and other popular printed products. Student will also be responsible for conducting commercial photo shoots for their designs on a variety of professional printing equipment. Students will participate in SkillsUSA events.

## Digital Printing III

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Digital Printing II</i>		
<i>Fee Required</i>		
<i>May be repeated for credit</i>		

Digital Printing III builds on the knowledge from previous Digital Printing courses to create professional level projects. Students will participate in real-world design projects, including developing and creating printed projects on a variety of materials. Students will create composites images with advanced editing software Adobe CC®. Student will learn to use color management profiles that are used in digital printing. Students will participate in producing projects for local businesses and organizations. Industry certification may be offered in this course. Students will participate in SkillsUSA events.

## Multimedia and Film I

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This is an exciting hands-on class that provides the student with the fundamental concepts of video production. Students learn how to operate digital video cameras, video mixers, audio mixers and other studio equipment. Students will film on and off campus to complete assignments and projects. Students will edit video using Macintosh computers and non-linear editing software to develop their videos into short films, commercials, and documentaries. Students also view current and classic films to learn about filming concepts and techniques. After the completion of this course students will be ready to move right into Multimedia and Film II and/or Media TV Production.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Multimedia and Film II

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Multimedia and Film I</i>		
<i>Fee Required</i>		

Students enrolled in this course will build on their production experience by producing news programs, commercials, public service announcements, highlight reels and fiction pieces among other projects. Students will also work on developing their own personal production styles. In addition students will learn how to perform live event production. Students will learn how to live-stream events via the Internet. They will learn techniques of field production including, pre-production, production, and post-production. This could include producing student athletic events, student performing art events, and/or other school events. Multimedia and Film II may require out of classroom participation including after school, evening, and Saturdays.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

# CTE- Industrial Education

## Multimedia and Film III

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Multimedia and Film II</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

Students enrolled in this course will explore the enormous possibilities of creative television. They will produce projects for themselves, other students, other teachers and the administration. They will develop their skills while mastering many of the editing features of a computer-based editing system. Students will also explore the television industry as a potential career. Some after-school taping of events will be required. In addition students will build on their live event production experience from Multimedia and Film II. This course requires out of classroom participation including after school, evening, and Saturdays. Industry certification may be offered in this course.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Technical Theatre I

**Hamilton and Perry only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		

This course is designed to introduce students to the basic fundamentals of theater production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, audio engineering, rigging and production management. Students will complete design projects using professional computer-aided design programs and will serve as a member of a production crew. Technical Theatre I requires students to participate in theater production activities after school, evenings and weekends.

## Technical Theatre II

**Hamilton and Perry only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Technical Theatre I and instructor approval</i>		<i>May be taken for dual credit</i>
<i>Fee Required</i>		
<i>May be repeated for credit</i>		

This course builds on the skills learned in Technical Theatre I with an emphasis on stage production, professional computer-aided design, and production leadership. Advanced skills and techniques are developed through the completion of more complex hands-on projects. Students will have opportunities to become crew heads, assistants and stage managers. Students will become familiar with career and occupational opportunities within the field and will have an opportunity to show their work, make design presentations and present portfolio reviews through the CTSO student program. After school, evening and weekend commitments are required.

## Industrial and Economics Cooperative Education

Grades: 11, 12	Full Year	3 Credits
<i>Prerequisite: Two years of an Industrial Education class and instructor approval</i>		
<i>This course may be taken for Economics credit.</i>		

This is a cooperative education class for graduating seniors. Students will be required to work an average 15-20 hours per week and attend class. Classroom activities will focus on job acquisition skills, professional development skills, and leadership skills. Participation in the SKILLS USA Club is mandatory to enhance leadership development. Students must have their own transportation and insurance coverage.

All courses in this department will meet CUSD requirements for CTE Credit or Elective Credit. All courses in this department will meet in-state university admissions requirement for CTE credit. See course description for further details.

# CTE - Engineering

## Design Thinking

Grades: 9, 10 <i>Fee required</i>	Full Year	1 Credit
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Design Thinking is an introductory class, which explores the engineering design process and marketing by formulating a solution for a real world problem. Students will be involved with the F1 car design competition and also be introduced to basic coding using Arduinos. Students who enroll in this should have an interest in either pursuing engineering, computer science or marketing.

## Project Lead the Way Honors Introduction to Engineering Design **Basha, Casteel, Chandler, Perry only**

Grades: 9, 10, 11, 12 <i>Fee required</i>	Full Year	1 Credit
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In this pre-engineering course, students use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to learn how to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of products. Emphasis is placed on analyzing potential solutions and communicating ideas to others. Industry certification may be offered in this course.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Project Lead the Way Honors Principles of Engineering **Basha, Casteel, Chandler, Perry and Chandler only**

Grades: 9, 10, 11, 12 <i>Prerequisite: Introduction to Engineering Design</i> <i>Fee required</i>	Full Year	1 Credit May be offered for Dual Credit
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Through problems that engage and challenge; students will explore a broad range of engineering topics, including mechanisms, strength of structures and materials, coding, and automation. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Project Lead the Way Honors Digital Electronics **Basha, Chandler, Perry only**

Grades: 10, 11, 12 <i>Prerequisite: Introduction to Engineering Design</i> <i>Fee required</i>	Full Year	1 Credit
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Digital Electronics Technology is a course of study in applied digital logic that encompasses the design and application of electronic circuits and devices found in video games, watches, calculators, digital cameras, and thousands of other devices. Instruction includes the application of engineering and scientific principles as well as the use of Boolean algebra to solve design problems. Using computer software that reflects current industry standards, activities should provide opportunities for students to design, construct, test and analyze simple and complex digital circuitry.

All courses in this department will meet CUSD requirements for CTE Credit or Elective Credit. All courses in this department will meet in-state university admissions requirement for CTE credit. See course description for further details.

# CTE - Software Development

## Fundamentals of Information Technology (FIT)

Chandler only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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This course focuses on the implementation of STEM in phones, tablets, computers and new emerging technologies. In addition, it provides an understanding of the Information Technology industry, computer mathematics and the evolution of the computer. Students will attain skills to design and develop websites for various devices that can be marketed. Students will gain and apply expert knowledge on the specifications of these multimedia devices.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## AP Computer Science Principles

ACP, Casteel, Chandler, and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
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AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career placement.

## Software Engineering I

ACP, Casteel, Chandler, and Perry only

Grades: 10, 11, 12 <i>Prerequisite: Fundamentals of Information Technology or AP Computer Science Principles</i> <i>Fee Required</i>	Full Year	1 Credit
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This is a beginning programming/engineering course using structured program design and logic tools. This course will use a variety of programming languages to solve problems using suitable examples from business and other disciplines. Topics include the software lifecycle, software design, specification and verification, programming environments and tools, and object oriented programming. Industry certification may be offered in this course.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## AP Computer Science A

Grades: 10, 11, 12 <i>Prerequisite: FIT or AP Computer Science Principles &amp; Concurrent enrollment or completion of Algebra I</i> <i>Fee Required</i>	Full Year	1 Credit
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This course concentrates on programming concepts, problem solving, and program design. Java control structures, arrays, searching and sorting methods, parameters, and objects will be studied through a variety of activities and assessment. The course requires no previous background in programming. Industry certification may be offered in this course.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## IB Computer Science SL

Chandler only

Grades: 10, 11, 12 <i>Prerequisite: FIT or AP Computer Science Principles &amp; Concurrent enrollment or completion of Algebra I</i> <i>Fee Required</i>	Full Year	1 Credit
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This course concentrates on programming concepts, problem solving, and program design. Java control structures, arrays, searching and sorting methods, parameters, and objects will be studied through a variety of activities and assessment. The course requires no previous background in programming. TOK curriculum will be incorporated during the school year. Industry certification may be offered in this course.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

# English

## Course Sequence for Graduation

Four (4) credits of English are required for graduation.

Four (4) credits of English are required for university admission.

Each English course is equivalent to one (1) full credit.

**Please check on pages 38 – 41 for prerequisites and specific offerings at each high school.**

1st Year Options	English 9	OR	Honors English 9	OR	Honors World Studies
2nd Year Options	English 10	OR	Honors English 10		
3rd Year Options	English 11	OR	IB/AP English Lang and Comp	OR	AP American Studies 1
4th Year Options	English 12	OR	IB/AP English Lit and Comp	OR	College Prep English 1 & 2

**NOTE: CUSD encourages students to attempt courses that will challenge them and assist them in reaching their highest academic potential. Students are encouraged to enroll in an Honors, IB or AP course throughout their high school career.**

*NOTE: Honors and AP courses may have summer reading. Visit the individual school website for more information.*

## English 9

Grades: 9	Full Year	1 Credit
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This course emphasizes writing skills, literature, and vocabulary. Writing activities give students practice in organizing and developing narrative, cause and effect, and compare and contrast compositions, literary reviews and research papers. Mastery of the writing process is expected. In addition, students study short stories, novels, poetry, and a Shakespearean play.

## Honors English 9

Grades: 9	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		

This curriculum is designed to develop advanced language, literature and analysis skills. Emphasis is placed on mastering grammatical concepts, improving writing, and using literature as a basis for writing. Students at this level are expected to display higher level thinking skills and advanced analytic skills in both reading and writing.

## English 10

Grades: 10	Full Year	1 Credit
<i>Prerequisite: English 9</i>		

This course emphasizes organizing, developing, editing and revising compositions. Literature studies introduce literary terminology, critical and analytical reading and appreciation of literature.

## Honors English 10

Grades: 10	Full Year	1 Credit
<i>Prerequisite: Honors English 9</i>		

This curriculum is designed to develop advanced language, literature, and analysis skills. Students in the honors program have a challenging year studying all aspects of English literature, including Shakespeare, poetry, short stories, and drama. Evidence of higher level thinking skills and independent work is expected.

## English 11

Grades: 11	Full Year	1 Credit
<i>Prerequisite: English 10</i>		May be offered for Dual Credit

English 11 offers an integrated program of writing and literature, focusing on the study of American Literature and persuasive/argumentative writing. Students will also write a compare and contrast composition, research paper, narrative, and a literary analysis.

## AP English Language and Composition

Grades: 11	Full Year	1 Credit
<i>Prerequisite: Honors English 10</i>		May be offered for Dual Credit

This course is designed to prepare students for the Advanced Placement English Language and Composition Exam. This rigorous and challenging course focuses on language analysis, literary analysis and advanced composition. This college-level course entails a good deal of independent reading and writing, including argumentative writing and research. It is recommended that students who take this elective course have above average listening, reading, writing, and computer skills. Please note that this class uses a college-level reading list, which is available from the instructor upon request.

## IB English 11

**Chandler only**

Grades: 11	Full Year	1 Credit
<i>Prerequisite: Honors English 10</i>		May be offered for Dual Credit

Three areas of IB/AP program: literature, historical background and writing are studied. Students will be expected to study various literary works and then research the historical aspects/factors. Four works and supplemental materials are studied each semester. Students will be expected to write thorough essays and give oral presentations. Please note that this class uses a college-level reading list, which is available from the instructor upon request. TOK curriculum will be incorporated during the school year.

# English

## English 12

Grades: 12	Full Year	1 Credit
<i>Prerequisite: English 11</i>		May be offered for Dual Credit

English 12 emphasizes the analysis of British and world literature, development of critical thinking, and writing for the argumentative/persuasive, research, and narrative genres. Academic resume writing is taught.

## AP English Literature and Composition

Grades: 12	Full Year	1 Credit
<i>Prerequisite: AP English Language and Composition</i>		May be offered for Dual Credit

This is a college-level course designed to prepare students for the Advanced Placement English exam. Both analytical and creative writing are accentuated, preparing students for the rigors of college composition by honing their abilities to write clearly, cogently, and stylistically. Entering students should have above average listening, reading, writing, time management, and organizational skills. Please note that this class uses a college-level reading list, which is available from the instructor upon request.

## IB English 12

**Chandler only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: IB English 11</i>		May be offered for Dual Credit

In order to give students who wish to take the International Baccalaureate or Advanced Placement tests a wider reading background, this class will focus on European writers and authors from other parts of the world. The works selected will be studied in depth and will include fiction, drama, essay and poetry. Composition will also be an integral part of the course. A large part of the college-level reading will be done outside of class, so the student must be willing to devote many additional hours during the year to an independently scheduled activity. This is a rigorous course designed to prepare students for the IB/AP examinations in this subject area. Please note that this class uses a college-level reading list, which is available from the instructor upon request. TOK curriculum will be incorporated during the school year.

## IB English Language and Literature

**Chandler only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: English 11 or IB English 11</i>		May be offered for Dual Credit

This honors course is for Seniors who wish to prepare for the IB Standard Level English Language and Literature assessment. This course aims to develop students' skills of textual analysis and the understanding of texts, both literary and non-literary. Students will work with texts from different periods, styles, and genres while developing their oral and written communication skills. Through this course the students will think critically about the difference between text, audience and purpose.

## Humanities

Grades: 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: 9, 10 Language Arts</i>		

This class is an introduction to the humanities including film, drama, music, literature, painting, sculpture, and architecture. The focus will be on historical analysis of the interrelationships of art, architecture, literature, music, and philosophy from the early civilizations to modern times as well as an exploration of human expression in contemporary arts and sciences.

## American Studies I

### [AP English Language and Composition/AP United States History]

**Basha only**

Grades: 11	Full Year	2 Credits
<i>Prerequisite: Honors English 10 and AP Human Geography</i>		May be offered for Dual Credit

This class offers an intensive look at American culture through history, literature, essay, art, music, philosophy, religion and politics, as well as other topics. Although incorporating the AP US History and AP Language and Composition curriculums, it is more than the typical history and English classes, with its eye toward the humanities, and the opportunity for a field trip in the spring. Because the course is based on two combined AP curriculums, it is taught on a college level, with rigor, incorporating college-level reading and instruction. Socratic Seminars are often utilized as a learning tool. Weighted credit is given for both English and History, and the course prepares students for both the AP Language and Composition and AP US History exams. The class meets every day of the week, and counts as two credits. Students must complete an application process during registration their sophomore year.

## College Prep English I & II

**Basha and Perry only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: English 11</i>		May be offered for Dual Credit

This is a college-level course designed for students to complete English 101 and 102 at the university. English 101 students will; read nonfiction essays, complete an argumentative research paper, an I-search paper and other writing forms. English 102 students will learn research techniques for a critical analysis paper, and critique two major novels and a play.

## Honors Literature and the American Experience

**Hamilton only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: AP Language and Composition</i>		May be offered for Dual Credit

Introduction to the foundations and diversity of American culture through a survey of its literature, including minority and women writers. Exploration of various facets of American culture including frontier, regional, rural and urban life; ethnic, racial and immigrant experience; and political and social philosophies.

## Journalism

Grades: 9, 10, 11, 12	Full Year	1 elective Credit
		<i>May be repeated for credit</i>

This class introduces students to the basics of journalism, including the history of journalism and the development of mass media. Students will learn interviewing and news gathering techniques with a concentration on writing news, features, sports and opinion articles. There will be an opportunity for those in the class to contribute to the school newspaper and/or yearbook. Students who have completed Journalism will receive priority in the selection of newspaper and yearbook staff members for the following year.

## Creative Writing

**ACP-E, Basha, Casteel, Hamilton and Perry only**

Grades: 10, 11, 12	Semester	½ elective Credit
		May be offered for Dual Credit

This course is for students who are interested in developing their creative writing skills. They will have an opportunity to investigate their ideas and opinions about the world and to express them in powerful, effective language. Students read and write poems, plays, short stories, and autobiographies to discover the characteristics of literary forms.

## Newspaper Staff

Grades: 10, 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: Journalism or instructor approval</i>		<i>May be repeated for credit</i>

Students in this class work on the school newspaper. They handle all phases of publication. Leadership positions are available. Field trips, conventions and workshops where the students' work can be submitted in contests are part of the class. There is after school, evening and weekend work. Students should have some background in photography, word processing, computers, art graphics, business practices, and organizational skills.



## Yearbook Staff

Grades: 10, 11, 12 <i>Prerequisite: Instructor approval</i>	Full Year	1 Elective Credit <i>May be repeated for credit</i>
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Members of this class will produce the school yearbook. This will include all planning, writing, photography, and page design for the book, as well as supervising its distribution. Students should have a background in writing, photography, computers, and graphic design. There is after school, evening and weekend work.

## Honors Academic Decathlon

Grades: 9, 10, 11, 12	Full Year	1 Elective Credit <i>May be repeated for credit</i>
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This course is a yearlong elective which exposes the student to the integrated nature of human experience. Students will conduct research and critical inquiry into a broad array of academic disciplines and communication skills covering this year's theme. Students will evaluate material covered in the course from ethical, aesthetic, and intellectual perspectives. Students will master the basic content knowledge requirements of the academic areas of art, economics, language, literature, music, physical or social science, speech and the super quiz topic. Participation in at least one competition is required.

## Speech and Debate

**ACP, Casteel, Hamilton and Perry only**

Grades: 9, 10, 11, 12	Full Year	1 Elective Credit <i>May be repeated for credit</i>
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Various individual and group speech activities center on the development of student public speaking ability. Students are introduced to several types of speeches leading to methods of speech preparation techniques for delivery. This class can be instrumental in the development of self-confidence. Introduces students to argumentation research and public speaking. Traditional two-man debate and Lincoln-Douglas debate are studied with an emphasis on case writing and development of pro and con approaches to a topic. Students will prepare and compete in a variety of debate tournaments across Arizona.

## Literacy Skills

Grades: 9, 10, 11, 12 <i>Prerequisite: Recommendation based on norm-referenced scores</i>	Full Year	1 Elective Credit
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This course is designed to assist students in acquiring the skills needed to meet the state reading competency. Emphasis is on building vocabulary, improving comprehension, developing word attack skills, increasing reading speed and learning retention techniques. Two book reports per semester are required. Growth in quality of assignments and reading skills is expected.

Courses in this department will meet CUSD requirements for a Fine Art or Elective credit. MOST courses in this department will meet University entrance requirements for a Fine Art. See course description for further details. *Fee may be required.*

# Fine Arts

## Theatre Arts I

Grades: 9, 10, 11, 12	Semester	½ Credit
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This is the beginning course for the student interested in acting and the theatre, but has little or no acting experience. Activities and projects will introduce the concepts of pantomime, voice production, improvisation, presentation and production skills as well as duo acting scenes. The student must expect to perform before the class as well as a general audience. The class requires one to two performances held after school and evenings.

## Theatre Arts II

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Theatre Arts I or Instructor approval</i>		

Students will continue to build on the basic acting skills developed in Theatre Arts I. Areas of focus will include: character development, script writing, script analysis, voice and diction, dialects, audition techniques, stage movement, and monologue work. The class requires one to two performances held after school and evenings.

## Theatre Arts III

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Theatre Arts II or Instructor approval</i>		<i>May be repeated for credit</i>

In this intermediate acting course, students will work in-depth to refine their acting skills. Emphasis is on acting techniques and methods, historical and literary genres. In addition to classroom performances, students may focus on festival competitions, junior high performances, as well as the general audience. The class will require some out of class time for rehearsal and performance.

## Company / Performance Theatre

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Theatre Arts I, II, and II and/or audition</i>		<i>May be offered for Dual Credit</i>
<i>May be repeated for credit</i>		

This course is for the serious student of performance theatre and is designed to involve the student in advanced techniques and performance levels. This is a performance and production class that will focus on children's theatre, scene work, script writing, and for qualified students, directing. Students must give fully and freely of their interest and time.

## Stagecraft

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>May be repeated for credit</i>		

The class involves the student in the complex backstage workings of set design and construction, lighting, sound, theatrical make-up, costume design and/or construction, publicity and the other crews that operate a play production. The class requires the student to be a responsible member of a production team. Stagecraft will require the student to participate in theatre activities after school, evenings and weekends. Returning students will be offered advanced level design projects.

## Technical Theatre I

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		

**Perry only**

This course is designed to introduce students to the basic fundamentals of theater production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, audio engineering, rigging and production management. Students will complete design projects using professional computer-aided design programs and will serve as a member of a production crew. Technical theatre I may require students to participate in theater production activities after school, evenings and weekends.

# Fine Arts

## Technical Theatre II

Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Technical Theatre I or instructor approval</i>		May be taken for dual credit
<i>Fee Required</i>		

This course builds on the skills learned in Technical Theatre I with an emphasis on stage production, professional computer-aided design, and production leadership. Advanced skills and techniques are developed through the completion of more complex hands-on projects. Students will have opportunities to become crew heads, assistants and stage managers. Students will become familiar with career and occupational opportunities within the field and will have an opportunity to show their work, make design presentations and present portfolio reviews through the CTSO student program. After school, evening and weekend commitments may be expected.

## Concert Orchestra

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		<i>May be repeated for credit</i>

This class is for intermediate and beginning players of violin, viola, cello or double bass. Students receive instruction directed toward independent musicianship and will rehearse music for concerts and festivals. Attendance at rehearsals, concerts and music festivals is required.

## Symphonic Orchestra

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

This is for advanced players of violin, viola, cello or double bass. Students will receive instruction on their instruments directed towards independent musicianship and advanced techniques. Students will rehearse music for concerts, festivals and may tour in the spring. Attendance at all rehearsals, concerts and music festivals is required.

## Chamber Orchestra

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

This class is for advanced players of violin, viola, cello or double bass. This is learning and performing ensemble that is intended to meet the needs of students who are capable of approaching music of an advanced professional caliber. Featured performances, participation in festivals and community activities will be a continuing function of this group. Obtaining high quality private music instruction is strongly recommended. Participation in extensive sectional rehearsals outside of class time is an expectation.

## Marching Band

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Instructor Approval; Audition may be required</i>		<i>May be repeated for credit</i>

The marching band is a service organization to the students, school and community. Students will perform as musicians at athletic events, parades, assemblies and marching band festivals throughout the fall semester. Class will meet for approximately five seat hours per week during the marching band season that goes through football season (not including evening rehearsals or sectionals). Morning rehearsals, sectionals, evening rehearsals, evening performances and weekend festivals may be required for all students. Please consult the instructor's syllabus for the practice schedule of your school. *If the student successfully completes three semesters of marching band, one credit of PE will be waived.*

## Concert Band

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

This is a learning and performing group. Emphasis will be on basic musicianship including technique, musical style and appropriate literature. This class will perform many times throughout the school year. Members may audition for the Wind Ensemble at the semester. Participation in performances and festivals is required.

## Wind Ensemble

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

This is a learning and performing group. Emphasis will be on developing student musicianship including technique, style and appropriate literature. This class will perform many times throughout the school year in concerts and music festivals. Members may audition for the Symphonic Band at the semester. Participation in performances and festivals is required.

## Symphonic Band

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

This advanced musical ensemble is a group of select musicians. Students will have the opportunity to study the music and transcriptions of the masters along with fine marches, pop selections, and contemporary literature. This group will perform in concerts, at musical festivals throughout Arizona and may tour in the spring. Participation in all performances and festivals is required.

## JV Band

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Previous band experience recommended</i>		<i>May be repeated for credit</i>

This ensemble is open to any student with previous instrumental music background at the junior high or high school level, either on a primary instrument or to learn a second instrument. Students will continue to develop proper music technique, tone quality, rhythmic accuracy, and musicianship skills through appropriate musical studies and literature. Students will perform throughout the school year in concerts and festivals. Members may audition for the Concert Band at the semester. Participation in performances and festivals is required.

## Jazz Band

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

Jazz Band provides students the opportunity to study and perform music of the "Big Bands" from the 1920's to the present. The emphasis in this group is to perform the different styles of music (swing, rock, blues, and popular) with understanding. Students will also learn to improvise their own solos with good technique and understanding. Participation in all performances and festivals is required.

## JV Jazz Band

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		

This ensemble gives students the opportunity to learn basic concepts of jazz through performance. Participation at concerts is required.

## Creative Musicianship

Grades: 9, 10, 11, 12	Semester	.5 Credit
<i>*Fee Required</i>		<i>May be repeated for credit</i>

This course is for the student interested in exploring sound in order to generate new musical expressions. The hands-on hybrid experience (using both acoustic and digital sounds) enables students to learn the fundamentals of sound creation, the use of music for expression, and the meaning of music within their culture. No formal music experience is necessary. Creative Musicianship may be applied to the Fine Arts credit.

## Color/Winterguard

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

The guard is an auxiliary unit that performs with the marching band at all football games, parades and band festivals. A student must successfully complete three semesters of flags to have one full credit (one year) of PE. Does NOT meet Fine Arts requirement for Arizona university entrance requirements.

## Percussion

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor Approval</i>		<i>May be repeated for credit</i>

The class is open for any student who wants to learn the fundamentals of percussion. Students in this class will perform contemporary, classical, solo, and world percussion music.

## Percussion Ensemble

**Basha, Perry, and Hamilton only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Percussion and Instructor Approval</i>		<i>May be repeated for credit</i>

This advanced music ensemble is a group of select musicians. Students will have the opportunity to perform and study the music of percussion composers and arrangers of classical, avant-garde, world/ethnic, and contemporary styles of percussion music. This group will perform in concerts, at musical festivals throughout Arizona and may tour in the spring. Participation in all performances and festivals is required.

## Beginning Guitar

**ACP-E, Basha, Chandler, Hamilton and Perry only**

Grades: 9, 10, 11, 12	Semester	½ Credit
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This class is for students who have no experience on the guitar. Students will learn to play chords and pick out single note melodies. Students must provide their own acoustic guitars. No electric guitars are permitted.

## Intermediate Guitar

**Basha, Chandler, Hamilton and Perry only**

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Instructor Approval</i>		

This class is for students who are beyond the beginning level. Chording and note reading will be emphasized. Students must provide their own acoustic guitars. No electric guitars are permitted.

## Guitar Ensemble

**Basha, Hamilton and Perry only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

This performance ensemble is for advanced guitar students. Guitar Ensemble provides students the opportunity to study and perform a variety of musical styles, such as: jazz, blues, classical, and popular music from different time periods. Students must provide their own instruments. The ensemble will perform throughout the school year in concerts and festivals. Attendance at all rehearsals, concerts and music festivals is required.

## Intro to Music Theory

**Basha, Chandler and Hamilton only**

Grades: 10	Semester	½ Credit
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Music theory is learning another language. This introduction to Music Theory would offer the basics of what is needed to be successful in a Music Theory class. The class will establish a necessary foundation of music theory concepts across the musical arts curriculum (Choir, Band, Orchestra, and Guitar).

## AP Music Theory

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Must be able to read music</i>		

Students will be provided with a thorough understanding of basic music theory, notation and styles. They will learn and practice sight-reading and analytical skills. Students will also begin work in transposition, vocal and instrumental ranges and part writing. They will apply these skills toward composing and arranging for vocal and instrumental ensembles. This honors course will prepare students to take the AP test.

## Women's Choir

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>May be repeated for credit</i>		

Open to all treble voices. This class will focus on basic principles of musicianship and vocal training and a variety of all music. This ensemble will present concerts and potentially participate in festivals.

## Advanced Women's Choir

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		
<i>May be repeated for credit</i>		

Open to all soprano and alto voices. This advanced ensemble will study and perform various styles of music. The group will perform standard literature for female voices. Students will participate in concerts and festivals.

## Men's Choir

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>May be repeated for credit</i>		

Open to all lower register voices. This class will focus on basic principles of musicianship and vocal training and a variety of all music. This ensemble will present concerts and potentially participate in festivals.

## Advanced Men's Choir

**Chandler only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		
<i>May be repeated for credit</i>		

Open to all male singers who demonstrate, through successful previous experience in the program or by audition, the ability to sing music of a higher difficulty than the entry level Men's Choir. They will sing accompanied three and four part choral repertoire as well as three and four part cappella music in a variety of styles.

## Intermediate Mixed Choir

**Basha, and Chandler, Perry only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		
<i>May be repeated for credit</i>		

This select organization will learn a variety of standard music literature. The group participates in festivals, contests, and major concerts, and may tour in the spring. Students must show serious dedication and have a professional approach to singing and musical excellence. Participation in concerts and festival performances is required.

## Concert Choir

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition and instructor approval</i>		
<i>May be repeated for credit</i>		

This is an advanced mixed choir of 50-70 singers who study classical to contemporary literature. The group participates in festivals, contests, major concerts and may tour in the spring. Students must show serious dedication and have a professional approach to singing and musical excellence. Members are expected to tour with the choir and perform at regularly scheduled concerts.

## Chamber Choir

**Basha and Hamilton only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition and must be co-enrolled in Concert Choir</i>		<i>May be repeated for credit</i>

This ensemble will study various forms of madrigal and jazz literature. Students must have serious dedication to the study and performance of choral music. Outside performances will be required in addition to regular school concerts.

## Show/Jazz Choir

**Basha and Perry only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition</i>		<i>May be repeated for credit</i>

This advanced choir is an ensemble of select singers who study and perform literature for Madrigal, Show Choir and Jazz Choir. First semester will focus on sight-reading, and second semester the emphasis will be on performance. The group participates in festivals, contests, concerts and usually tours in the spring. Performances are required.

## Women's Barbershop

**Chandler only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		<i>May be repeated for credit</i>

Open to all treble voices. The ensemble will focus on barbershop harmonies to be sung a cappella style. The members will participate in solo and ensemble music festivals and sing at sporting events, assemblies and for community functions. With instructor approval, new members may audition and join at semester.

## IB Music I (Vocal or Instrumental)

**Chandler only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		

This course is part one of a two-year program resulting in an International Baccalaureate Certificate or Diploma. The course develops an in-depth understanding of music theory and analysis, as well as a general knowledge of music history from Medieval to present. The course also explores connections to World Music. Students will prepare for the IB Music SL exam. TOK curriculum will be incorporated during the school year.

## IB Music II (Vocal or Instrumental)

**Chandler High School only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Successful completion of IB Music I</i>		

This course is part two of a two-year program resulting in an International Baccalaureate Certificate or Diploma. The course is a continuation of IB Music I, with emphasis on performance, music history and theory. Students will be required to keep a portfolio and perform in an ensemble. Students will prepare for the IB Music SL exam. TOK curriculum will be incorporated during the school year.

## Beginning Dance

Grades: 9, 10, 11, 12	Semester	½ Credit
		<i>May be repeated for credit</i>

This is recommended for students with little or no dance experience. It offers instruction in beginning dance technique (ballet, modern and jazz), choreography and dance production. Dance credit may be applied to fine arts, PE, or elective credit.

## Intermediate Dance

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		<i>May be repeated for credit</i>

This class is for students with a greater degree of dance skill and experience. Further exploration into dance choreography and performance is stressed. Participation in concerts is required. Dance credit may be applied to fine arts, PE, or elective credit.

## Advanced Dance

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		<i>May be repeated for credit</i>

This class is designed for students interested in advanced technique, performance, choreography and production. Participation in concerts, assemblies and community performances is required. Dance credit may be applied to fine arts, PE, or elective credit.

## Company/Performance Dance

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Audition and instructor approval</i>		<i>May be repeated for credit</i>

This dance class will develop dance movements covering ballet, modern and jazz techniques. Students will learn concepts of dance choreography, improvisation, performance and production. Participation in concerts, assemblies and community performances is required. Dance credit may be applied to fine arts, PE, or elective credit.

## Dance Improvisation/Choreography

**Basha, Chandler and Perry only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: 2 Semesters of Beginning Dance and instructor approval</i>		<i>May be repeated for credit</i>

This course is an exploration of improvisation and its use as a basis for dance choreography, as well as techniques for movement composition. Students will be taught the fundamentals of spontaneous movement and learn how to craft this material into set choreography. Students will explore improvisations based on the principles of time, space, and energy. Students will perform dance compositions in both formal and informal settings. Dance credit may be applied to fine arts, PE, or elective credit.

## Introduction to Art

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Fee Required</i>		

This is an introductory course designed to help students in producing artwork. Areas such as drawing, painting, sculpture, jewelry and ceramics may be explored. This is a good preparatory class for other art classes.

## Ceramics I

**ACP, Chandler and Hamilton only**

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Fee Required</i>		<i>May be offered for Dual Credit</i>

Students will explore the nature of clay and glazes, hand forming methods, throwing on the potter's wheel, decorative processes and glaze applications.

## Ceramics II

**ACP, Chandler and Hamilton only**

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Ceramics I</i>		<i>May be offered for Dual Credit</i>
<i>Fee Required</i>		<i>May be repeated for credit</i>

This course is a continued exploration of clay and glazes. Throwing on the potter's wheel and hand forming methods will be dealt with to a greater degree. Glaze formulation will be explored.

## Sculpture I

**Basha, Casteel, and Perry only**

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Fee Required</i>		

This course will be an exploration of sculpture and 3D form through a variety of media. Students will use wire, paper, wood and metals to create projects. It is also required that students do short research projects.



## Sculpture II

Basha, Casteel, and Perry only

Grades: 9, 10, 11, 12 <i>Prerequisite: Sculpture I</i> <i>Fee Required</i>	Semester	½ Credit
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This course is for students who want to continue their artistic development in sculpture. In addition to assigned projects, the students will be encouraged to investigate media and subject matter that is of particular interest to them. It is also required that students do short research projects.

## Sculpture III

Basha, Casteel, and Perry only

Grades: 10, 12 <i>Prerequisite: Sculpture II w/Instructor Approval</i>	Full Year	1 Credit May be repeated for credit
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Sculpture III is a full year course designed to advance student's skills learned in Sculpture I and II. Students will experiment with new art media to develop a portfolio of work that focuses on personal voice and concepts. Sculpture III prepares students for the rigor of AP 3D Studio Art.

## Beginning Jewelry

Chandler only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Semester	½ Credit
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Students will explore the design and creation of jewelry based on historical and contemporary examples of fine art jewelry and metal work. Students will learn a variety of basic jewelry techniques. Materials used in class include copper, brass, sterling silver, and semiprecious stones.

## Advanced Jewelry

Chandler only

Grades: 9, 10, 11, 12 <i>Prerequisite: Beginning Jewelry</i> <i>Fee Required</i>	Semester	½ Credit May be repeated for credit
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Class projects will allow for the continued study of fabrication techniques. New techniques studied may include cuttlefish casting, lost wax casting, hydraulic die forming, and copper enameling.

## Beginning Photography

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Semester	½ Credit
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Students in this course are expected to furnish their own camera equipped with manual lens openings and manual shutter speed controls. No "point and shoot" or automatic-only cameras can be used. This class will teach students to develop black and white film and print black and white photographs. The course will also stress artistic expression through the medium of photography.

## Advanced Photography

Grades: 9, 10, 11, 12 <i>Prerequisite: Beginning Photography</i> <i>Fee Required</i>	Semester	½ Credit May be offered for Dual Credit May be repeated for credit
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This class will be a continued exploration of photography as a fine art with emphasis placed on refining technique, composition and personal expression. This class will include assignments in studio lighting, night photography, and experimentation not covered in beginning photography.

## Commercial Photography

**Basha and Perry only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Beginning Photography and Advanced Photography or instructor approval</i>		<i>May be repeated for credit</i>
<i>Fee required</i>		

This is a photo production class. The students will be instructed in the use of professional portraiture equipment. They will have interaction with local photo finishing labs. They will be expected to participate in the photography of school dances, buddy pictures, portraits, activities, clubs, athletic teams, performing groups, and other students and staff on and off campus. The students will collectively produce a digital visual chronology of the school year (DVD) Yearbook. They will be expected to enter in at least two photography contests and participate in the photography club activities such as field trips. (*Does NOT meet Fine Arts requirement for Arizona university entrance requirements.*)

## AP Studio Art: 2-D Design Portfolio

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor Approval</i>		
<i>Fee required</i>		

This program is intended for highly motivated students committed to serious study in art. IB/AP work involves significantly more time than most art courses. The program is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts. TOK curriculum will be incorporated during the school year.

## AP Studio Art: 3-D Design Portfolio

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Ceramics I or Beginning Jewelry and/or instructor approval</i>		
<i>Fee required</i>		

This program is intended for highly motivated students committed to serious study in art. IB/AP work involves significantly more time than most art courses. The program is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts. This portfolio is intended to address a broad interpretation of three-dimensional concepts in visual arts. TOK curriculum will be incorporated during the school year.

## AP Studio Art: Drawing Portfolio

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor Approval</i>		
<i>Fee required</i>		

This program is intended for highly motivated students committed to serious study in art. AP work involves significantly more time than most art courses. The program is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts. This portfolio is intended to address a broad interpretation of two-dimensional drawing and design issues.

## IB Visual Arts SL

**Chandler only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Two semesters of any visual art course or instructor approval</i>		
<i>Fee required</i>		

Students in this course will examine and compare the work of artists from different cultural contexts and consider the contexts influencing their own work and the work of others. They will make art through a process of investigation, thinking critically and experimenting with techniques and develop an informed response to work and exhibitions they see. Students will experiment with diverse media and explore techniques for making art while producing a body of artwork, selecting and presenting works for exhibition. Students in this course will be assessed through the IB SL Visual Arts assessment.

## IB Visual Arts HL

Chandler only

Grades: 12 <i>Prerequisite: IB Visual Arts SL</i> <i>Fee required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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Students will continue the work that they began in IB Visual Arts SL. In addition to their created works they will consider the nature of “exhibition” and meaningfully select pieces, thinking about the potential impact of their work on different audiences. They will maintain a visual arts journal in which they explain the ways the works are connected and how artistic judgments impact the overall presentation of the works. Students in this course will be assessed through the IB HL Visual Arts assessment.

## AP History of Art

ACP, Casteel, Chandler, Hamilton and Perry only

Grades: 11, 12	Full Year	1 Credit <i>May be offered for Dual Credit</i>
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In this course, students examine major forms of artistic expression from the past as well as the present and from a variety of cultures. Students will learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. This is a rigorous course designed to prepare students for the AP examination in this subject area.

## Drawing and Painting I

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Semester	½ Credit <i>May be offered for Dual Credit</i>
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Students will learn drawing techniques using line, shading and perspective. Projects will include drawing with charcoal, graphite and pastels on various types of paper. Class time will be spent learning and improving skills and researching art techniques. It is required that students keep a sketchbook and do short research papers.

## Drawing and Painting II

Grades: 10, 11, 12 <i>Prerequisite: Drawing and Painting I</i> <i>Fee Required</i>	Semester	½ Credit
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This course is for students who want to continue their artistic development. In addition to assigned projects, the student will be encouraged to investigate media and subject matter that is of particular interest to them. It is also required that students do short research papers.

## Drawing and Painting III

Grades: 10, 11, 12 <i>Prerequisite: Drawing and Painting II</i> <i>Fee Required</i>	Year	1 Credit <i>May be repeated for credit</i>
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This course is for students interested in advancing their knowledge in academic skills relating to art, art terms, art techniques, mediums used, historical content, and critiquing styles to be better present and manage their own portfolios, readying them for AP Studio Art Drawing. The class focus will be on all genres of art and art mediums.

## Art and Design Technology

Chandler only

Grades: 9, 10, 11, 12	Semester	½ Credit
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Students will learn the elements and principles of composition as they relate to visual art. Art will be explored using the computer art program Photoshop, as well as an introduction to Illustrator.

## Advanced Art and Design Technology

Chandler only

Grades: 10, 11, 12 <i>Prerequisite: Art and Design Technology</i>	Semester	½ Credit <i>May be repeated for credit</i>
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The main focus of the advanced class is the creation of visual art using the computer art program Illustrator. Projects will also allow the study of using both Photoshop and Illustrator together to create more complex designs.

## IB Film I

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
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This class is aimed to develop an appreciation and understanding of film as a complex art form. Students will develop the practical and technical skills of digital video production by writing, taping, editing, directing, and acting in their own productions. Students will also study film history, critically evaluating films produced in the United States and in other countries. The course is designed to lead toward the IB Film Study Exam. TOK curriculum will be incorporated during the school year.

## IB Film II

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: IB Film I</i>		

IB Film II is a continuation of IB Film I. Students will continue their study of film as an art form and will work toward the completion of all requirements leading to the IB Film Exam, which includes a film, a trailer for the film, a script, and a formal presentation about a selected feature film. TOK curriculum will be incorporated during the school year.

## Film Study I

Basha and Perry only

Grades: 10, 11, 12	Semester	½ Credit
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This course offers a panoramic overview of the development of film from the first celluloid to the silent shorts with icons like Charlie Chaplin, through the studio boom in the 1930's-1950's into the "Hollywood Renaissance" of the 1960's and 1970's. The students will be able to master film vocabulary and concepts while learning to formulate rich interpretations in analysis through written and verbal critiques. The students will examine the fundamental elements of film including narrative form, cinematography, editing and sound. The students will also examine the cultural aspects of film and be able to relate these aspects to the growth of the industry.

## Film Study II

Basha and Perry only

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Film Study I or approval of instructor</i>		

Film Study II is a continuation of the principles of film covered in Film Study I. This course focuses particularly upon "The Hollywood Renaissance" of the 1960's and 70's and upon the technical filmmaking wonders of the film work done during the 1980's to the present. The students will expand their mastery of film vocabulary and concepts while learning to formulate rich interpretations in analysis through written and verbal critiques. The students will continue to study the elements of the art of filmmaking including the narrative form, cinematography lighting, editing and sound. The students will apply the cultural aspects of film to their own experiences and relate these to the growth and continued success of the film industry.

## Film Study III

Basha and Perry only

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Film Study II or approval of instructor</i>		

This class is a continuation of the principles of film covered in Film Study I and II. This course focuses particularly upon films created during the 1990's to the present with a special focus upon the technology that changed forever how we view motion pictures. The students will expand their mastery of film vocabulary and concepts while learning to formulate rich interpretations in analysis through written and verbal critiques. The students will continue to study the elements of the art of filmmaking including the narrative form, cinematography, lighting, editing and sound. The students will apply the cultural aspects of film to their own experiences and relate these to the growth and continued success of the film industry. Through these studies the students will be able to understand on a deeper level how their own reactions to and interpretation of film have an impact upon their overall film going experience. This course delves into the historical, technical and societal aspects of film making.

## Multimedia and Film I

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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This is an exciting hands-on class that provides the student with the fundamental concepts of video production. Students learn how to operate digital video cameras, video mixers, audio mixers and other studio equipment. Students will film on and off campus to complete assignments and projects. Students will edit video using Macintosh computers and non-linear editing software to develop their videos into short films, commercials, and documentaries. Students also view current and classic films to learn about filming concepts and techniques. After the completion of this course students will be ready to move right into Multimedia and Film II and/or Media TV Production.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Multimedia and Film II

Grades: 10, 11, 12 <i>Prerequisite: Multimedia and Film I</i> <i>Fee Required</i>	Full Year	1 Credit
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Students enrolled in this course will build on their production experience by producing news programs, commercials, public service announcements, highlight reels and fiction pieces among other projects. Students will also work on developing their own personal production styles. In addition students will learn how to perform live event production. Students will learn how to operate a Tri-caster and how to live-stream events via the Internet. They will learn techniques of field production including, pre-production, production, and post-production. This could include producing student athletic events, student performing art events, and/or other school events. This course requires out of classroom participation including after school, evening, and Saturdays.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## Multimedia and Film III

Grades: 11, 12 <i>Prerequisite: Multimedia and Film II</i> <i>Fee Required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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Students enrolled in this course will explore the enormous possibilities of creative television. They will produce projects for themselves, other students, other teachers and the administration. They will develop their skills while mastering many of the editing features of a computer-based editing system. Students will also explore the television industry as a potential career. Some after-school taping of events will be required. In addition students will build on their live event production experience from Multimedia and Film II. This course requires out of classroom participation including after school, evening, and Saturdays.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

*\*4 credits of Math are required for graduation*

*\*4 credits of Math are required for university admission*

*\*Each Math course is equivalent to one full credit*

# Mathematics Course Sequence for Graduation

<b>1<sup>st</sup> Year</b>	Algebra 1	Accelerated Math (Pt. 1)	Honors Geometry	Honors Algebra 2	Honors PreCalculus
<b>2<sup>nd</sup> Year</b>	Option Menu	Accelerated Math (Pt. 2)	Honors Algebra 2	Honors Pre-Calculus	IB/AP Calculus BC
<b>3<sup>rd</sup> Year</b>	Algebra 2	Honors Pre-Calculus Or Honors Business Math/Brief		IB/AP Calculus BC	Multivariable Calc/Differential Equations
<b>4<sup>th</sup> Year</b>	Option Menu	IB/AP Calculus BC	IB/AP Statistics	Multivariable Calc/Differential Equations	Linear Algebra

## Menu Options

Please check on pages 55 - 58 for prerequisites and specific offerings at each high school.

2<sup>nd</sup> Year Options

Geometry	Accelerated Math (Pt. 2)	Geometry/ H. Algebra 2 (block class)
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**\*\*Student placement after the 2<sup>nd</sup> year will based on the course(s) successfully completed.**

4<sup>th</sup> Year Options

Pre-Calc	Math Year 4	College Algebra	
IB/AP Statistics	IB/AP Calculus AB	IB/AP Calculus BC	IB/AP Calculus AB/BC

*Note: CUSD encourages students to attempt courses that will challenge them and assist them in reaching their highest academic potential. Students are encouraged to enroll in an Honors or AP course throughout their high school career.*

# Mathematics

## Algebra 1

Grades: 9, 10, 11, 12 <i>Prerequisite: Pre-Algebra</i>	Full Year	1 Credit
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This course is the first year of a standards-based mathematics curriculum. Number sense topics include the concept of understanding and applying numbers, ways of representing numbers, and the relationships among numbers and different number systems. Data analysis focuses on the concept of understanding and applying data collection, organization and representation to analyze and sort data. Algebra topics focus on the concept of representing and analyzing mathematical situations and structures using algebraic representations. Geometric topics include specifying and describing spatial relationships using coordinate geometry and other representational systems. Structure and logic focuses on algorithms and algorithmic thinking and the concept of using reasoning to solve mathematical problems in contextual situations.

## Geometry

Grades: 9, 10, 11, 12 <i>Prerequisite: Algebra 1</i>	Full Year	1 Credit
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This course is the second year of a standards-based mathematics curriculum. Number sense topics include the concept of using estimation strategies reasonably and fluently. Probability focuses on recording data from a probability experiment and comparing the outcome to predictions made prior to performing the experiment. Discrete mathematics topics include understanding and demonstrating the systematic listing and counting of possible outcomes. Geometric properties will be used to analyze the attributes and properties of two and three-dimensional shapes and developing mathematical arguments about their relationships. Students will learn to use logic, reasoning and mathematical proofs to evaluate situations and select problem-solving strategies.

## Honors Geometry

Grades: 9 <i>Prerequisite: Algebra 1</i>	Full Year	1 Credit
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This is the second year of a standards-based accelerated mathematics curriculum that emphasizes real-life problems and applications.

## Algebra 2

Grades: 9, 10, 11, 12 <i>Prerequisite: Geometry</i>	Full Year	1 Credit
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This course is the third year of an integrated study of mathematics. Students will model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and an introduction to trigonometry.

## Honors Algebra 2

Grades: 9, 10 <i>Prerequisite: Honors Geometry</i>	Full Year	1 Credit
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This course is a continuation of Honors Algebra 2 where students model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and trigonometry.

## Honors Geometry & Honors Algebra 2

**Casteel, Hamilton and Perry only**

Grades: 10 <i>Prerequisite: Algebra 1 or teacher recommendation</i>	Full Year	2 Credits
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This course is a standards-based mathematics curricula designed to afford students the opportunity to accelerate and complete Geometry and Honors Algebra 2 in one academic year. The course is offered as a double block class in which students will complete all of the Geometry curriculum during semester one and all of the Honors Algebra 2 curriculum during semester 2. For specific topics covered in class please refer to the Geometry and Honors Algebra 2 course descriptions.

# Mathematics

## College Algebra

ACP-E, Basha and Hamilton only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Algebra II</i>		May be offered for Dual Credit

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics.

## Accelerated Math I and II

Hamilton only

Grades: 9, 10	Two Years	2 Credits
<i>Prerequisite: Pre-Algebra</i>		

This is an accelerated standards-based mathematics curriculum course designed to move students through Algebra 1, Honors Geometry and Honors Algebra 2 over two consecutive years. This is a single block class that covers all of the mathematics curricula at a faster pace than the standard Algebra 1, Honors Geometry and Honors Algebra 2 courses. For specific topics please refer to the Algebra 1, Honors Geometry and Honors Algebra 2 course descriptions.

## Mathematics Year 4

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Algebra 2</i>		May be offered for Dual Credit

In Mathematics Year 4 students will master algebraic methods and properties. Students will analyze and interpret the behavior and nature of functions. The types of functions will include: polynomial, rational, exponential, logarithmic, absolute value, and piecewise. Other topics may include: systems of equations, matrices, combinations, permutations, sequences, series, conics, and data analysis with a focus on modeling and solving real world problems.

## IB Statistics

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Algebra</i>		May be offered for Dual Credit

This is a college-level course designed to meet the requirements for students who take the AP examination. The four major conceptual themes that will be studied are data analysis, strategies in planning a study, probability, and statistical inference. Technology, projects, writing and cooperative group problem solving are an integral part of this course. This course is recommended for IB candidates. TOK curriculum will be incorporated during the school year.

## AP Statistics

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Pre-Calculus or Algebra 2</i>		May be offered for Dual Credit

This is a college-level course designed to meet the requirements for students to take the AP examination. The four major conceptual themes that will be studied are data analysis, strategies in planning a study, probability, and statistical inference. Technology, projects, writing and cooperative group problem solving are an integral part of this course.

## Honors Pre-Calculus

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Honors Algebra 2</i>		May be offered for Dual Credit

This is a rigorous pre-AP/IB course equivalent to college algebra and trigonometry at the university. This course prepares students for AP Calculus AB. Using algebraic manipulation, graphing and application, the following topics will be emphasized: functions, mathematical modeling, exponential and logarithmic equations, discrete mathematics and trigonometry.

## Pre-Calculus

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Algebra 2</i>		May be offered for Dual Credit

Using algebraic manipulation, graphing and application, the following topics will be emphasized: functions, mathematical modeling, exponential and logarithmic equations, discrete mathematics and trigonometry.



# Mathematics

## IB Math Studies

Chandler only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Honors Pre-Calculus</i>		May be offered for Dual Credit

The IB Math Studies course is a course developed by International Baccalaureate. This course has an emphasis on applications of mathematics and statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking.

## IB Calculus AB

Chandler only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Pre-Calculus</i>		May be offered for Dual Credit

This is the rigorous mathematics course equivalent to a first semester calculus class at a university. This course prepares students to sit for AP or subsidiary level IB examinations where a semester of college credit in calculus may be earned. Topics emphasized are differential and integral calculus. TOK curriculum will be incorporated during the school year.

## IB HL Mathematics

Chandler only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: IB/AP Calculus AB</i>		

This is a rigorous mathematics course designed to prepare students for the International Baccalaureate higher-level mathematics examination. This course requires students to study a broad range of mathematical topics through a number of different approaches and to varying degrees of depth. Topics emphasized are algebra, functions and equations, circular functions and trigonometry, matrices, vectors, statistics and probability, and calculus. Students also study sets, relations and groups or series and differential equations, or discrete mathematics. College credit may be earned based on the student's score on the IB examination. TOK curriculum will be incorporated during the school year.

## AP Calculus AB

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Pre-Calculus or Honors Pre-calculus</i>		May be offered for Dual Credit

This is the rigorous mathematics course equivalent to a first semester calculus class at a university. This course prepares students to sit for AP examinations where a semester of college credit in calculus may be earned. Topics emphasized are differential and integral calculus.

## Accelerated AP Calculus BC

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Honors Pre-Calculus</i>		May be offered for Dual Credit

This course uses the College Board Syllabus for AB Calculus and for BC Calculus. The curriculum is accelerated and only for top math students. The class is also approved for dual credit and will enable students to earn two semesters of college math credit.

## Honors Business Math and Brief Calculus

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Honors Algebra 2 or Pre-Calculus</i>		May be offered for Dual Credit

Honors Business Math and Brief Calculus is a mathematics course designed for students of high math ability. Topics covered will include: Probability, Set Theory, The Counting Principle, Combinations, Permutations, Systems of Linear Equations, Matrices, Linear Programming, Functions and Limits, Differentiation and its Applications, Exponential and Logarithmic Functions, Integration and its Applications, and Multiple Variation.

# Mathematics

## IB Calculus BC

Chandler only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Calculus AB</i>		May be offered for Dual Credit

This course is equivalent to a second semester calculus class at a university and prepares students to sit for AP/IB examinations where a semester of college credit in calculus may be earned. Topics emphasized are methods of integration, conic sections, hyperbolic functions, and polar coordinates. This is a rigorous course designed to prepare students for the AP examination in this subject area. TOK curriculum will be incorporated during the school year.

## AP Calculus BC

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Calculus AB or Honors Pre-calculus or Brief Calculus</i>		May be offered for Dual Credit

This course is equivalent to a second semester calculus class at a university and prepares students to sit for AP examinations where a semester of college credit in calculus may be earned. Topics emphasized are methods of integration, conic sections, hyperbolic functions, and polar coordinates. This is a rigorous course designed to prepare students for the AP examination in this subject area.

## Multivariable Calculus and Differential Equations

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: AP Calculus BC</i>		May be offered for Dual Credit

This course will be taught to juniors and seniors who completed AP Calculus BC their sophomore or junior year. The curriculum covers Calculus 3 and differential equations (DEQ). There is no AP exam for this course but students can get 4 college credits for the Multivariable Calculus (Calc 3) and 3 credits for DEQ through dual enrollment.

## Linear Algebra and Advanced Math Topics

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: AP Calculus BC</i>		May be offered for Dual Credit

This college-level course includes the topics of introduction to matrices, theories of systems of linear equations, determinants, vector spaces, linear transformations and eigenvalues. It emphasizes the development of computational skills and independent research.

## Accounting Year 1

Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Algebra I, Geometry</i>		

This course is designed to equip the student with a practical working knowledge of skills needed to perform the daily accounting activities of the average business. The importance of accurate systematic records in business, as well as in personal affairs, is addressed. Computerized accounting is introduced. Accounting curriculum is aligned with Arizona State Standards.

# Physical Education

## Introduction to Physical Education-Male Locker

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>May be repeated for credit</i>		

This course offers students a basic foundation in physical education by exposing them to a variety of individual and team sports. A strong emphasis on lifetime sports is stressed.

## Introduction to Physical Education-Female Locker

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>May be repeated for credit</i>		

This course offers students a basic foundation in physical education by exposing them to a variety of individual and team sports. A strong emphasis on lifetime sports is stressed.

## Aerobics/Weight Training

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Introduction to Physical Education</i>		

This course is designed to alternate days of aerobics and weight training. Aerobics will strengthen the cardiovascular system, tone specific areas of the body and train students in the knowledge and skills of aerobics. The weight training section includes an individualized program based on each student's needs.

## Advanced Aerobics/Weight Training

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Aerobics/Weight Training</i>		
<i>May be repeated for credit</i>		

This course provides students additional experience creating a fitness routine. Aerobic and non-aerobic conditioning will be used.

## Lifeguard Training

**Basha, Chandler and Hamilton only**

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Introduction to Physical Education and student must be 15 years of age or older</i>		
<i>May be repeated for credit</i>		

This course is taught in conjunction with American Red Cross standards. It enables students to be certified in lifeguard training including basic first aid and CPR for professional rescuers. Students may become eligible to work as lifeguards in an aquatic setting.

## Weight Training

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Introduction to Physical Education</i>		
<i>May be repeated for credit</i>		

This class is open to all students who have taken one year of physical education. The class concentrates on major gains in bench presses, squats, power cleans, pull-ups and sit-ups. Students are required to do some running. Objectives are strength gain and total body conditioning.

## Advanced Weight Training

Grades: 11, 12	Semester	½ Credit
<i>Prerequisite: Weight Training and instructor approval</i>		
<i>May be repeated for credit</i>		

This class provides and requires experience creating a strength program for students to follow their individual programs by recording in a notebook each day's work out. Aerobic and non-aerobic conditioning is used.

## Athletics-Boys Locker

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Signature of head coach</i>		
<i>May be repeated for credit</i>		

This course is recommended but **not** required for athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

# Physical Education

## Athletics-Girls Locker

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Signature of head coach</i>		<i>May be repeated for credit</i>

This course is recommended but **not** required for athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

## Spiritline

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Spring tryouts</i>		<i>May be repeated for credit</i>

This class is designed to perfect beginning stunting, as well as introducing and mastering elite group stunts. Spirit line members will perform dances, cheers and chants. Tumbling is a required part of this curriculum. Team members are required to participate at designated athletic contests, student assemblies and community presentations.

## Comprehensive Health

Grades: 10, 11, 12	Semester	½ Credit
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This course is designed to help students become aware of how good health habits can be a means of improving the quality of their lives. This class, based on Arizona Comprehensive Health Standards, will cover such topics as communicable diseases, addiction, wellness, safety, self-esteem, and decision-making. This course will also include a condensed driver education curriculum.

## Yoga Fitness

**ACP-E only**

Grades: 9, 10, 11, 12	Semester	½ Credit
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Students will learn the skills of various different yoga techniques. Through this class students will learn breathing techniques, basic to intermediate yoga, different equipment that can be used, as well as how to create a sequence. By the end of this class, students will be able to perform their own yoga sequences so they can continue incorporating yoga into their daily life. Yoga will not only strengthen and stretch muscles, but will improve balance and focus. Over time, yoga practice will not only develop a stronger body, deeper breathing, and decrease risk of injury in other sports, but it will also increase your concentration and relieve stress. Students to provide own yoga mat, PE uniform, gym shoes and journal.

## Body Conditioning

**Chandler only**

Grades: 9, 10, 11, 12	Semester	½ Credit
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This course is both high-intensity training and weightlifting. Both females and males may take this course. Students enrolled in the course receive PE credit. The instructor may be CrossFit certified.

# Science

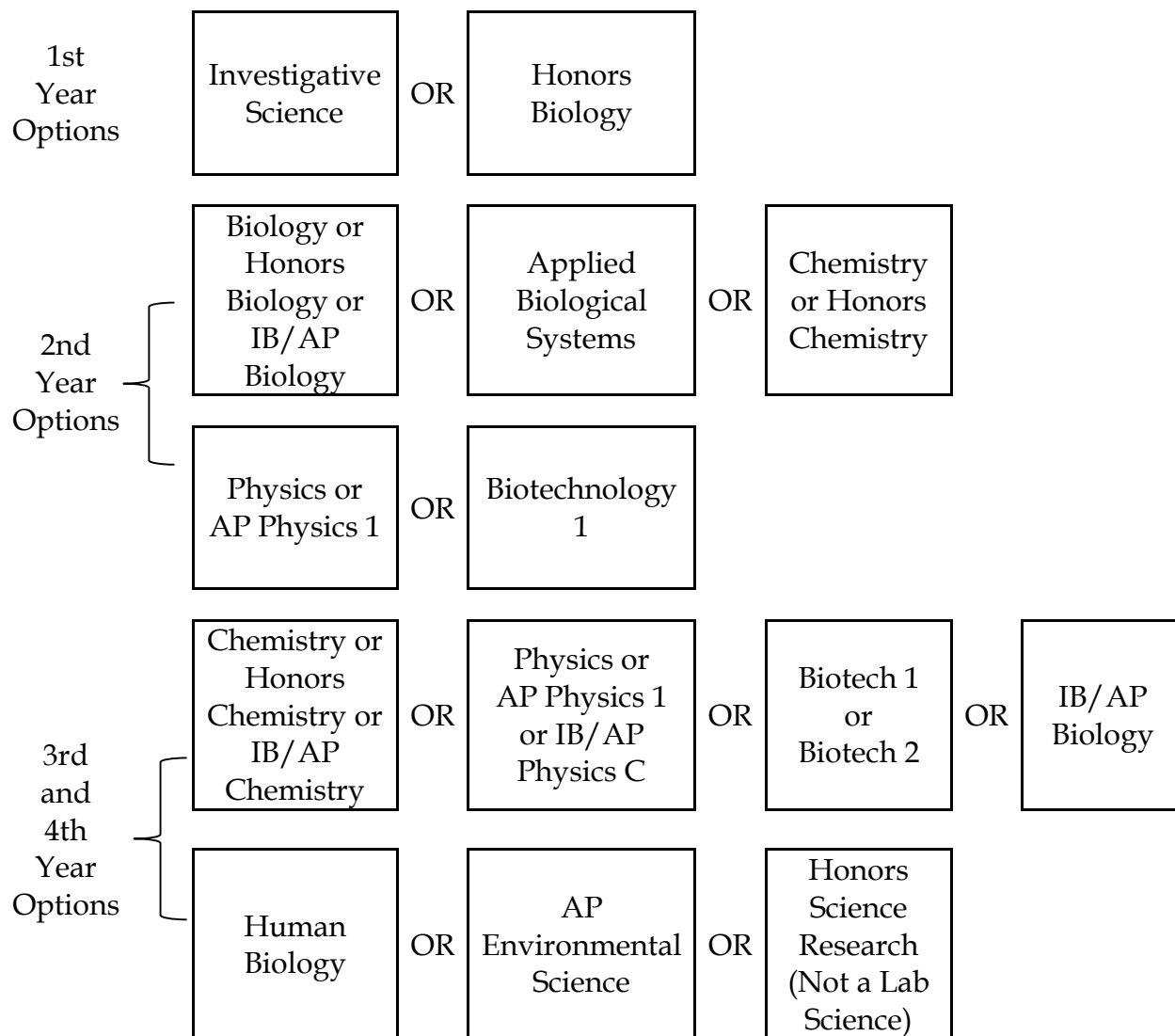
## Course Sequence for Graduation

Three (3) credits of Science are required for graduation.

Three (3) credits of lab science are required for university admission.

Each science course is equivalent of one (1) full credit.

Please check on pages 62-65 for prerequisites and specific offerings at each high school.



**NOTE: CUSD encourages students to attempt courses that will challenge them and assist them in reaching their highest academic potential. Students are encouraged to enroll in an Honors, IB or AP course throughout their high school career.**

## Investigative Science: Matter, Energy and Organization

Grades: 9 or Admin Approval	Full Year	1 Credit
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This inquiry-based course is designed to investigate chemistry, physics, biology and earth-space concepts in order to develop students' analytical skills and problem-solving techniques. Concepts explored in the course develop foundational knowledge that ensures success in subsequent high school science classes. Emphasis is based on laboratories in which the student is an active participant in the formation of the lab.

## Biology

Grades: 10 or Admin Approval	Full Year	1 Credit
<i>Prerequisite: Investigative Science</i>		

This is a lab-oriented course designed to study the major areas of life and living things. Emphasis will be on the major integrating themes of biology.

## Honors Biology

Grades: 9, 10	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment in Geometry</i>		

This is a rigorous science course intended for students who are seriously considering preparation for a science curriculum at a post-secondary institution.

## Human Biology

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Biology and Chemistry</i>		<i>May be offered for Dual Credit</i>

This course deals with structure and function of the human body and is recommended for students interested in a medical career. A thorough study of the systems of the body is presented. Because of similarities to human systems, group dissections of a cat and organs of sheep may be performed.

## IB Biology 1

**Chandler only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Chemistry required; Honors Biology and Honors Chemistry strongly recommended</i>		<i>May be offered for Dual Credit</i>

This course includes topics covered in a college introductory biology course and differs from the usual first high school biology course with respect to the textbook used, the range and depth of topics covered, laboratory work and time and effort required by students. The course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. TOK curriculum will be incorporated during the school year.

## IB Biology 2

**Chandler only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: IB/AP Biology I</i>		<i>May be offered for Dual Credit</i>

This is a college level course designed to meet the requirements for the IB diploma. Topics from IB/AP Biology 1 will be studied in greater depth. Special emphasis will be on ecology, neurobiology and behavior, and human physiology. This is an investigative course that should result in an appreciation of interactions between levels of biology from molecular to that of the biosphere. Students completing this course will be eligible to take the higher level IB exam. TOK curriculum will be incorporated during the school year.

## AP Biology

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Chemistry</i>		<i>May be offered for Dual Credit</i>

This second year course includes topics covered in a college introductory biology course for majors and provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students completing this course will be eligible to take the AP exam. It is strongly recommended that the student complete Honors Biology before enrolling in this class.

## Chemistry

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Geometry and Biology</i>		

This is a lab-oriented course emphasizing elements, compounds and mixtures as found in nature. Chemical reactions, basic problems in chemistry and equations are studied in depth.

## Fundamentals of Physical Science

Grades: 11, 12	Full Year	1 Credit
<i>Co-requisite: Concurrent enrollment in Algebra 2A and Algebra 2B or Administrative Approval</i>		

This lab-oriented science course offers an overview of physics and chemistry. Emphasis will be placed on developing conceptual understandings of the following topics: Motion, Forces and Momentum, Work, Energy Storage and Transfer, Physical, Chemical, Electrical, and Magnetic Properties of Matter and Atomic and Nuclear Processes.

## Honors Chemistry

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Geometry and Biology</i>		<i>May be offered for Dual Credit</i>

This is a challenging, lab-oriented course designed for students considering going into AP Chemistry. Major emphasis is on writing and evaluating chemical reactions and relationships. Mathematics Year 2 must be completed before teacher recommendation is honored.

## AP Chemistry

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Algebra 2 and Chemistry</i>		<i>May be offered for Dual Credit</i>

This is a second-year college level course designed to aid in meeting the minimum requirement for the AP exam. The study of atomic structure, the periodic system, chemical bonding, kinetic theory, equilibrium and descriptive chemistry provides the student with the necessary knowledge to take the AP exam. It is strongly recommended that students complete Honors Chemistry before taking this class.

## IB Chemistry 1

**Chandler only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Algebra 2 and Chemistry</i>		<i>May be offered for Dual Credit</i>

This is a college-level course designed to aid in meeting the minimum requirement for the IB diploma and the AP exam. Atomic structure, the periodic system, chemical bonding, kinetic theory, equilibrium and descriptive chemistry will be studied. Students completing this course will be eligible to take the AP exam and/or the standard level IB exam. This is a rigorous course designed to prepare students for the AP program. TOK curriculum will be incorporated during the school year.

## IB Chemistry 2

**Chandler only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: IB Chemistry 1</i>		<i>May be offered for Dual Credit</i>

This is a college-level course designed to aid in meeting the minimum requirement for the IB diploma. Energetics, functional groups, periodicity, carbon chemistry and descriptive chemistry will be emphasized. Students completing this course will be eligible to take the higher level IB exam.

# Science

## Environmental Systems Science

Chandler and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Biology and Investigative Science</i>		May be offered for Dual Credit

This course introduces the use and importance of geological studies as they apply to the interactions between people and earth. Includes geological processes and hazards such as floods, earthquakes, and landslides; use of fossil fuels; mining of raw materials.

## AP Environmental Science

Basha, Chandler and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Chemistry or instructor approval</i>		May be offered for Dual Credit

This course presents scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for solving or preventing them.

## IB Environmental Systems and Societies

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Chemistry or instructor approval</i>		

The goal of IB Environmental Systems and Societies Course is to develop a connection between all four main science course groups; Physics, Chemistry, Biology, and Earth and Space science. The systems approach provides the core methodology of this course. It is amplified by other sources, such as economic, historical, cultural, socio-political and scientific studies, to provide a holistic perspective on environmental issues. The students will analyze the interrelationships between environmental systems and societies. Students will develop a sound understanding of the interrelationships between environmental systems and societies, rather than a purely journalistic appreciation of environmental issues. This course encourages exploration of the scientific, ethical and socio-political aspects of issues.

## Physics

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Geometry and Biology</i>		

This is a lab-oriented course that studies energy in its many forms. Topics include mechanics, electricity, waves, and light. Strong math skills are highly recommended.

## AP Physics 1

ACP, Basha, Casteel, Hamilton, and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Algebra 2 and Biology</i>		May be offered for Dual Credit

This course is for the science, technology or engineering students. Emphasis is placed on concepts in physics, research, experimentation, evaluation and problem solving. Some of the topics taught are mechanics, energy, and electricity. This course will prepared students for the AP Physics 1 exam.

## AP Physics C: Mechanics

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Physics and Pre-Calculus</i>		May be offered for Dual Credit

This is a second year course that includes a review of general physics, rotational motion, thermodynamics, mathematical properties of waves, electronic circuits and quantum physics. Design and analysis of laboratory experiments are emphasized. It is equivalent to an introductory college-level course and will prepare the student to take the AP exam.



# Science

## IB Physics

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Honors Chemistry or Physics and Pre-Calculus</i>		May be offered for Dual Credit

This lab-oriented course is a rigorous preparation for the Standard level IB Physics test. The topics include Mechanics, Thermal Physics, Oscillations and Waves, Electromagnetic Waves, Electric Current, Fields and Forces, Atomic and Nuclear Physics, and Energy, Power and Climate Change.

## Biotechnology I

Basha only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Biology</i>		May be offered for Dual Credit
<i>Fee Required</i>		

This course is designed to introduce students to the scientific concepts and laboratory research techniques currently used in the field of biotechnology. Students will develop laboratory skills, critical thinking, and communication skills currently used in the industry. After completing this course, students will have the necessary skills to transition to an entry-level biotech position. Biotechnology I areas of study include: DNA & protein structure, function and analysis, bioethics and careers in biotechnology.

## Biotechnology II

Basha only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Biotechnology I</i>		May be offered for Dual Credit
<i>Fee Required</i>		

This course is designed as a continuation of Biotechnology I. Students will be introduced to the scientific concepts and advanced laboratory research techniques currently used in the field of biotechnology. Areas of study include plant biotechnology, synthesizing DNA and PCR, pharmaceutical biotechnology and DNA sequencing and Genomics.

## Honors Science Research

Grades: 10, 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: Algebra 1 and 1 year science and teacher recommendation</i>		<i>May be repeated for credit</i>

This course presents techniques for basic and advanced principles of experimental design and data analysis, time management strategies for student research and strategies for successful science competitions. Students are required to complete one original independent science, math or technology research project and compete in the Central Arizona Science and Engineering Fair. Off campus research may be required. Students must provide their own transportation. *This elective course does NOT meet the university requirement for a lab science or for the high school science graduation requirement.*

# Social Studies

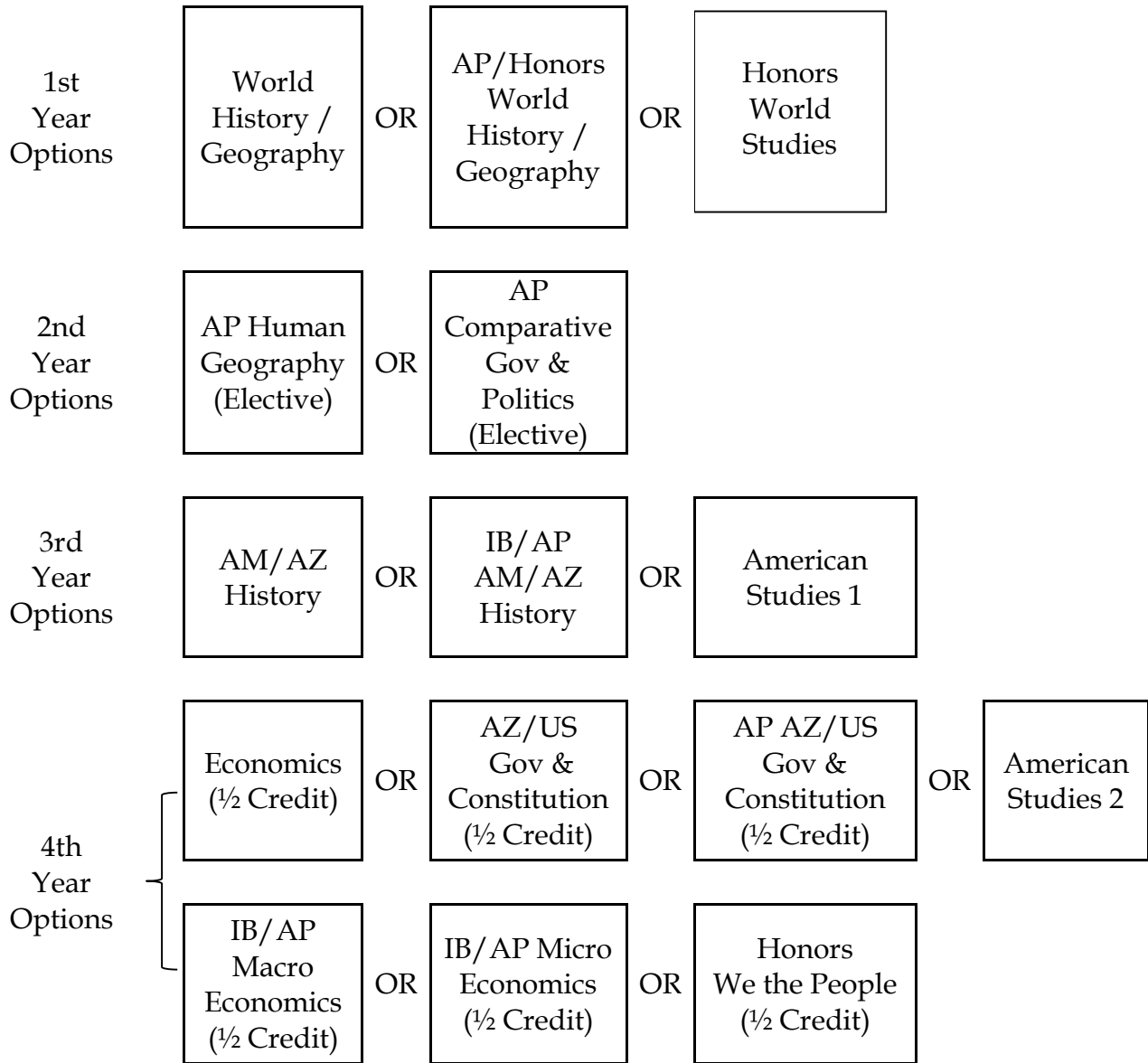
## Course Sequence for Graduation

Three (3) credits of Social Studies are required for graduation.

Two (2) credits of Social Studies are required for in-state university admission.

Social Studies course are equivalent to one (1) full credit unless noted as ½ credit.

Please check on pages 67-71 for prerequisites and specific offerings at each high school.



**Note: CUSD encourages students to attempt courses that will challenge them and assist them in reaching their highest academic potential. Students are encouraged to enroll in an Honors, IB or AP course throughout their high school career.**

# Social Studies

## World History and Geography

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This course covers world history and geography from early civilization to the present. Critical thinking, study skills, problem solving, teamwork, and the integration of all forms of technology will be encouraged. This course also includes historical interpretation, primary source review, and analysis skills.

## Honors World History and Geography

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This course covers world history and geography from early civilization to the present. Students are required to read literary works and other primary source materials that relate to the course. Strong writing and research skills are necessary to be successful in this class. Critical thinking and problem solving will be encouraged, along with individual and group multi-skill projects in this challenging course.

## AP World History and Geography

ACP, Basha, Casteel and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This course covers world history and geography from early civilization to the present. Students are required to read literary works and other primary source materials that relate to the course. Strong writing and research skills are necessary to be successful in this class. Critical thinking and problem solving will be encouraged, along with individual and group multi-skill projects in this challenging course. This course prepares the students to take the AP World History exam.

## Honors World Studies

Basha and Hamilton only

Grades: 9	Full Year	2 Credits- Honors World History and Honors English 9
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This class combines Honors World History and Honors English 9 to create Honors World Studies where the curriculum from both disciplines will be used to reinforce the other discipline by making connections between history, cultures, and literature. World history and geography covers the time periods from early civilizations to the present. Critical thinking, study skills, problem solving, teamwork, and the integration of all forms of technology will be encouraged so that students see the interconnectedness of the essential questions from both history and English. This course also includes historical interpretation, primary source review, and analysis skills while emphasizing writing skills, literature, and vocabulary. Writing activities give students practice in organizing and developing narrative, cause and effect, and compare and contrast compositions, literary reviews and research papers. Mastery of the writing process is expected to demonstrate student's ability to critically think about the world. In addition, students study short stories, novels, poetry, and a Shakespearean play. The class meets two periods every day. This course will be taught collaboratively by the English 9 and World History teacher for the benefit of the student learner to see the thematic correlations between history and literature.

## AP Comparative Government and Politics

Basha, Chandler, and Hamilton only

Grades: 10, 11, 12	Full Year	1 Credit May be offered for Dual Credit
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This advanced placement course is designed to introduce the fundamental tools utilized by political scientists to study the processes and outcomes of politics in a variety of country settings. Students will understand the major comparative politics and themes and generalizations, gain background knowledge of international political systems and governments, and compare and contrast international governments and political systems as presented in the course. This course prepares the students to take the AP World History exam.

## AP Human Geography

Grades: 10, 11, 12 <i>Prerequisite: Instructor approval</i>	Full Year	1 Elective Credit
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Human Geography will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will 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. Students will study at least one of the following regions in depth: Africa, Americas, Europe, Asia, and Australia. This course will prepare students to take the AP Human Geography exam.

# Social Studies

## American/Arizona History

Grades: 11, 12	Full Year	1 Credit
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The course will cover American history from the American Revolution, the founding of the United States to the present. Emphasis in the second semester will be the 20th century era, and specifically from World War I to the present. Students will study U.S. foreign policy, and the many political and social movements that shaped American culture. Problem solving, critical thinking, writing, research, geographic skills, cooperative learning activities, and the integration of technology are encouraged.

## AP American/Arizona History

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor recommendation</i>		May be offered for Dual Credit

This is a college level course designed to provide analytic skills and factual knowledge necessary to deal critically with the problems and interpretations of American history. Emphasis will be on discussion of key events in our history as seen by different historians. Students completing this course will be prepared to take the AP exam.

## IB American/Arizona History

**Chandler only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: AP Human Geography</i>		May be offered for Dual Credit

IB American/Arizona History is an extremely challenging course that is meant to be the equivalent of a college course. It is a survey of American history, from the discovery and settlement of the New World to the present day. TOK curriculum will be incorporated during the school year.

## American Studies I

### [AP English Language and Composition/AP United States History]

**Basha only**

Grades: 11	Full Year	2 Credits
<i>Prerequisite: Honors English 10 and/or instructor recommendation</i>		May be offered for Dual Credit

This class offers an intensive look at American culture through history, literature, essay, art, music, philosophy, religion and politics, as well as other topics. Although incorporating the AP US History and AP Language and Composition curriculums, it is more than the typical history and English classes, with its eye toward the humanities, and the opportunity for a field trip in the spring. Because the course is based on two combined AP curriculums, it is taught on a college level, with rigor, incorporating college-level reading and instruction. Socratic Seminars are often utilized as a learning tool. Weighted credit is given for both English and History, and the course prepares students for both the AP Language and Composition and AP US History exams. The class meets every day of the week, and counts as two credits. Students must complete an application process during registration their sophomore year.

## Honors We the People

Grades: 12	Semester	½ Elective Credit
<i>Prerequisite: Instructor approval</i>		

This course is for highly motivated students. A great deal of outside class time is required to prepare for the "Congressional Hearing" competition. Students will be mentored by local lawyers and legislators. The course objectives include state standards and meet the requirements for government credit. It will be offered first semester only.

## US/AZ Government and Constitution

Grades: 12	Semester	½ Credit
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This civics course consists of a study of the federal and state governments and their constitutions. The purpose is to instill a basic knowledge and appreciation of our representative form of government and its development. It will enable the students to think in terms of the national levels of government, paying attention to related current events. Students will acquire knowledge of the responsibility as a citizen to the community, state and nation. The ultimate goal is to help students realize the significance of our American heritage and democracy.

# Social Studies

## AP US/AZ Government and Constitution

Grades: 12	Semester	½ Credit
<i>Prerequisite: Instructor recommendation</i>		May be offered for Dual Credit

This course is for highly motivated students who plan to take the AP government exam or who need academic challenge. The course is a study of the structures and philosophies of government, the American political system, civil rights, and public opinion.

## American Studies 2

### [AP US/AZ Government & Constitution]

**Basha only**

Grades: 12	Full Year	1 Credit
		May be offered for Dual Credit

This course will offer students that are interested in an in-depth study of the American Government System, and prepare them for taking the AP Government exam in the spring. Over the course of two semesters, the class will require students to complete a related internship and a major project directly emphasizing the course of study. The course is a study of the structures and philosophies of government, the American political system, civil rights and public opinion. The class will serve as the senior component to the American Studies Academy.

## Economics

Grades: 12	Semester	½ Credit
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The students will develop economic reasoning skills in order to apply basic economic concepts, assess problems, and make choices. Students will also have an opportunity to evaluate the choices of others as consumers, workers, and citizens participating in local, national, and global economics.

## AP Macroeconomics

Grades: 12	Semester	½ Credit
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In this course, students will study the principles of economics that apply to the functions of both consumers and producers within the overall economics systems. It includes the study of the role of government in our economic system. This course is designed to prepare students for the AP exam.

## IB Macroeconomics

**Chandler only**

Grades: 12	Semester	½ Credit
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This course is to prepare students to take the AP Macroeconomics exam. The course and textbook are college level. This is a rigorous course designed to prepare students for the AP and/or IB examination. TOK curriculum will be incorporated during the school year.

## IB/AP Microeconomics

**Chandler only**

Grades: 12	Semester	½ Credit
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Students in this course will study the principles of economics that apply to the functions of both consumers and producers within the overall economics systems. It includes the study of the role of government in our economic system. This is a rigorous course designed to prepare students for the AP and/or IB examination. TOK curriculum will be incorporated during the school year.

## IB US/AZ Government/Economics

**Chandler only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: IB Candidate, AP AM/AZ History or teacher recommendation</i>		May be offered for Dual Credit

This course is for IB candidates and highly motivated students who need academic challenge. Through American Government, comparative government studies, and world economics, students will study the Cold War, Latin America, Canada, World War II, and American Foreign Policy today. IB students will be prepared for the IB History SL/HL exam. This course will fulfill the US/AZ Government and Economics requirements. TOK curriculum will be incorporated during the school year.

# Social Studies

## Psychology

ACP, Basha, Casteel, Hamilton and Perry only

Grades: 10, 11, 12	Semester	½ Elective Credit
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This course provides the student with an understanding of the fundamentals of psychology in the following areas: methods, approaches, history of psychology, biological basis of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality testing and individual differences, abnormal psychology, the treatment of psychological disorders and social psychology.

## Developmental Psychology

Basha and Chandler only

Grades: 11, 12	Semester	½ Elective Credit
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This course introduces the main concepts in developmental psychology. It explores human development and its effects on personality and abnormal behavior. Student learning will be enhanced by the introduction of research methods and projects.

## Social Psychology

Basha and Chandler only

Grades: 11, 12	Semester	½ Elective Credit
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This course introduces students to the main concepts in social psychology. Examining peer relationships, the dynamics of group interaction, and the norms of social behavior will be the focus. Students will be involved in experimentation and research to enhance the learning process

## AP Psychology

Grades: 11, 12	Full Year	1 Elective Credit
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<i>Prerequisite: Instructor approval</i>		May be offered for Dual Credit
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This course will prepare students for the AP exam in psychology. It covers all the current objectives of psychology and experimental psychology with the major focus on areas and objectives prescribed by the College Board.

## Business Law

Grades: 9, 10, 11, 12	Semester	½ Elective Credit
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This is an introductory course with emphasis placed on relevant, legal, and current events that are law related. Students will study the origin of laws and the complexity of the issues. This course will provide an understanding of legal concepts to enhance the student's knowledge for survival in tomorrow's world. Practical information from renting a first apartment to buying the first home will assist the student in making better decisions. Topics range from establishing good credit to making good decisions when purchasing insurance policies.

## Student Government

Grades: 9, 10, 11, 12	Full Year	1 Elective Credit
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<i>Prerequisite: Election or Selection</i>		
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This is a class period for activities related to student government and leadership. This course may be repeated for credit. Election for incoming 9th grade students will be held in the fall.

## Criminal Justice

Grades: 11, 12	Full Year	1 Elective Credit
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<i>Prerequisite: 9-10 grade students by instructor approval only</i>		
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The class provides an overview of the study of the U.S. Constitution, the state government of Arizona, and political philosophies, nationally and worldwide. Also, this course focuses on the criminal justice system and all of its ramifications: criminality, crime prevention, victim rights, and the court systems, federal and state. Participation in the Chandler Justice Court's "Teen Court" program is mandatory for students. Participation in the Arizona High School Mock Trial competition is optional.

# Social Studies

## Police Science I

**Basha only**

Grades: 9, 10, 11, 12

Semester

½ Elective Credit

This course provides students with a basic introduction to law enforcement through the following subjects: constitutional law, criminal law, traffic law, search and seizure, patrol and observation, courts, traffic stops, police defensive tactics, criminology and more. Students will have an opportunity to experience police work first hand through scenarios and practical training utilizing proven police techniques. This course is conducted in a police academy-type atmosphere. The course work consists of sixty-percent classroom work and forty-percent lab/field work. A separate notebook is required for this course. Students with a felony arrest record will not be enrolled in this class.

## Current Events

**Chandler only**

Grades: 9, 10, 11, 12

Semester

½ Elective Credit

May be offered for Dual Credit

Students in this course will consider current world events on multiple levels. By connecting the student's knowledge of the world with projects such as research papers, simulation games, class discussions and debates, students will gain an awareness and knowledge of global complexities.

## Historical Studies: Cold War

**Basha, Chandler and Perry only**

Grades: 10, 11, 12

Semester

½ Elective Credit

This course will explore the origins of the Cold War from its development in 1945 to the collapse of the Soviet Union in 1991.

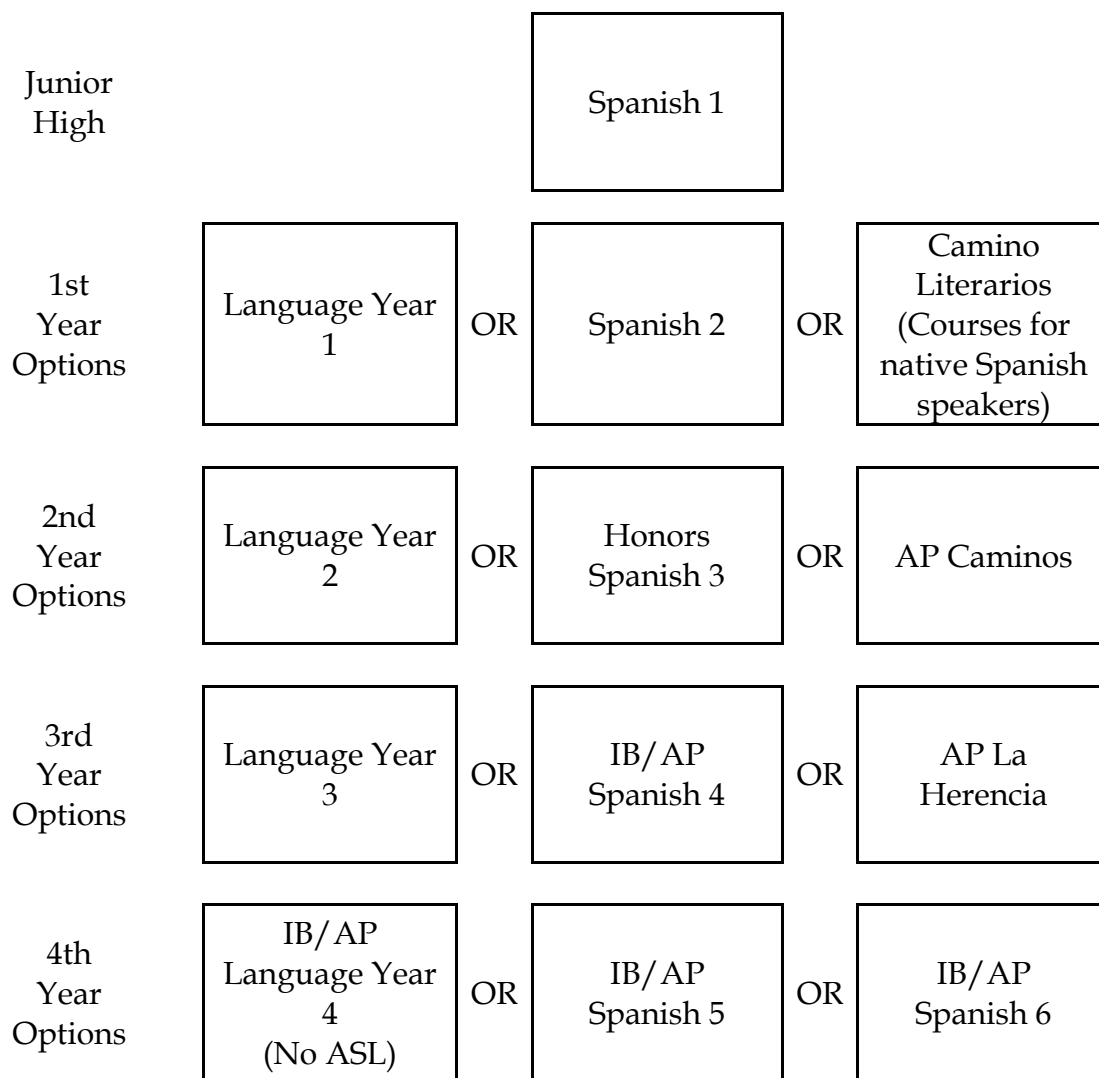
# World Language

## Course Sequence for Graduation

Students are strongly encouraged to enroll in a minimum of 2 years of a World Language as part of a well-rounded academic experience.

- Two (2) credits of the same World Language are required for university admission.
- All schools offer several courses intended for native Spanish speakers, including Caminos Literarios.
- Each World Language course is equivalent to one (1) full credit.
- Languages offered include **Spanish, French, German, Mandarin Chinese, and American Sign Language.**

Please check on pages 73-78 for prerequisites and specific offerings at each high school.



NOTE: CUSD encourages students to attempt courses that will challenge them and assist them in reaching their highest academic potential. Students are encouraged to enroll in an Honors, IB or AP course throughout their high school career.



# World Language

## American Sign Language 1

ACP, Basha, Casteel and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
		May be offered for Dual Credit

This is an introductory class focusing on beginning conversational skills. The course is based on a natural acquisition approach to language education. The class focuses on developing basic knowledge of and beginning skills in the conversational use of American Sign Language. This course meets the foreign language requirement for Arizona state universities.

## American Sign Language 2

ACP, Basha, Casteel and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: American Sign Language 1</i>		May be offered for Dual Credit

American Sign Language 2 is a continuation of American Sign Language 1. Continued practice in conversational Sign Language will be the focus of the course. New vocabulary and grammar will be introduced. Also, students will look more closely into deaf culture and its effects on the language. This course meets the foreign language requirement for Arizona state universities.

## American Sign Language 3

ACP, Basha, Casteel and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: American Sign Language 2 with a grade of C or better, or Instructor approval</i>		

Advanced study of vocabulary, idioms, classifiers, use of space and grammatical features of American Sign Language (ASL). Class will include evaluation of changes that occur in ASL as a living language and the culture and advanced use of ASL in demonstrations, reports, and presentations.

## French 1

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This course is an introduction to the language and culture of France. The student learns vocabulary and grammar through listening, speaking, reading and writing. Emphasis is on listening comprehension and simple conversational skills.

## French 2

Grades: 9, 10, 11, 12	Full Year	1 Credit
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*Prerequisite: French 1 or equivalent course*

This course is a continuation of French 1 with more practice in listening, speaking, reading and writing skills. New vocabulary, grammar and cultural units are presented. The student will increase aural-oral skills through conversations and written skills with simple compositions.

## Honors French 3

Grades: 9, 10, 11, 12	Full Year	1 Credit
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*Prerequisite: French 2 or equivalent course*

May be offered for Dual Credit

This course is designed to review and improve skills learned in French 2. Emphasis is on linguistic skills: speaking, listening, reading and writing through the study of grammar, literature and culture.

## AP French Language and Culture [Year 4]

Basha, Hamilton and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
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*Prerequisite: French 3 or equivalent course*

May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in French and broadens the student's understanding of French culture. There is a strong focus on applying knowledge of the language to real-life situations

# World Language

## IB/AP French 4

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: French 3 or equivalent course or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in French and broadens the student's understanding of French culture. There is a strong focus on applying knowledge of the language to real-life situations. The curriculum will prepare the student for the IB and AP exams. TOK curriculum will be incorporated during the school year.

## AP French Language and Culture [Year 5]

Chandler and Hamilton only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: French 4 or equivalent course</i>		May be offered for Dual Credit

This course explores themes related to French culture including reading selections from French literature, writing reports, and participating in discussions in French. To enhance reading, writing, listening, and speaking skills, the course also involves preparation for the AP exam.

## IB French 5

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: French 4 or equivalent course or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in French and broadens the student's understanding of French culture. There is a strong focus on applying knowledge of the language to real-life situations. The curriculum will prepare the student for the IB and AP exams. TOK curriculum will be incorporated during the school year.

## AP French Language and Culture [Year 6]

Chandler only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: French 5</i>		May be offered for Dual Credit

This course explores themes related to French culture involving reading selections from French literature, writing reports, and discussions in French. This course prepares students for the AP exam.

## IB French 6

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: French 4-5 or equivalent course</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in French and broadens the student's understanding of the French culture. There is a strong focus on applying knowledge of the language to real-life situations. The curriculum is designed to prepare the student for the IB and AP exams. TOK curriculum will be incorporated during the school year.

## German 1

Casteel, Chandler, Hamilton, and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
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Learning the language and cultural patterns of German-speaking countries is the focus of this course. Emphasis will be on learning through participation in interviews, mini-presentations, role-plays, skits, singing, total physical response activities and the celebration of holidays in German-speaking countries. The themes: sports, leisure time activities, the family and home, school, clothing, food, household chores, and shopping provide the context for communication.

# World Language

## German 2

Chandler, Hamilton, and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: German 1</i>		

Learning the language and cultural patterns of German-speaking countries is the focus of this course. Emphasis will be on learning through participation in interviews, mini-presentations, role-plays, skits, singing, total physical response activities and the celebration of holidays in German-speaking countries. The themes: vacation, healthful living habits and foods, illness and injury, country vs. city living, the environment, fashion, leisure time, and food will provide the context for developing the skills of listening, speaking, reading, and writing.

## Honors German 3

Chandler, Hamilton, and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: German 2 or equivalent study</i>		May be offered for Dual Credit

Improving the skills acquired in the first two years will be the focus. The themes: vacation, relationships, equality, mass media, stereotypes, environment and future goals will provide the context. Students will also read short stories and refine their writing skills through compositions.

## AP German Language and Culture [Year 4]

Chandler, Hamilton, and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: German 3 or equivalent study</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in German and broadens the student's knowledge of the cultures of the German-speaking countries. There is a strong focus on applying knowledge of the language to real-life situations. The curriculum will prepare students for the AP exam.

## IB German 4

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: German 3 or equivalent study or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in German and broadens the student's knowledge of the cultures of the German-speaking countries. There is a strong focus on applying knowledge of the language to real-life situations. This is a rigorous course that will prepare the student for the IB and AP exams. TOK curriculum will be incorporated during the school year.

## AP German Language and Culture [Year 5]

Chandler, Hamilton, and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: German 4 or equivalent study</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in German and broadens the student's knowledge of the cultures of the German-speaking countries. There is a strong focus on applying knowledge of the language to real-life situations. The curriculum will prepare the student for the AP exam.

## IB German 5

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: German 4 or equivalent study or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading and writing. It emphasizes active communication in German and broadens the student's knowledge of the cultures of the German-speaking countries. There is a strong focus on applying knowledge of the language to real-life situations. This rigorous course will prepare the student for the IB and AP exams.

TOK curriculum will be incorporated during the school year

# World Language

## Spanish 1

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This course is an introduction to the language and culture of the Hispanic world. In Spanish 1 the student learns vocabulary and grammar through listening, speaking, reading and writing. Emphasis is on listening and reading comprehension and simple conversational skills through role-playing, skits and other interactive methods. **This class is not designed for native speakers.**

## Spanish 2

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Spanish 1 or equivalent study</i>		

This course is a continuation of Spanish 1. In Spanish 2 students will receive more practice in listening, speaking, reading and writing skills. New vocabulary and grammar are presented. The students will improve writing skills through simple compositions. They will continue to explore the culture of the Hispanic world. **This class is not designed for native speakers.**

## Honors Spanish 3

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Spanish 2 or equivalent study</i>		May be offered for Dual Credit

This course is designed to improve students' skills acquired in the first two years of language study. In Spanish 3 emphasis will be on practical conversation, reading and discussion of short stories and compositions. Authentic literature will be introduced and discussed. **Native Speakers may take this course.**

## AP Spanish Language and Culture [Year 4]

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Spanish 3 or equivalent study or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance language skills: listening, speaking, reading, and writing. It emphasizes active communication in Spanish and broadens the student's understanding of Hispanic culture. There is a strong focus on applying language to real-life situations.

## IB Spanish 4

**Chandler only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Spanish 3 or equivalent study or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading, and writing. It emphasizes active communication in Spanish and broadens the student's understanding of Hispanic culture. There is a strong focus on applying their knowledge of the language to real-life situations. The curriculum will prepare the student for the IB and AP exam. TOK curriculum will be incorporated during the school year.

## AP Spanish Language and Culture [Year 5]

Grades: 11, 12	Full Year	1 Credit
		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading, and writing. It emphasizes active communication in Spanish and broadens the student's understanding of Hispanic culture. There is a strong focus on applying language to real-life situations. The curriculum will prepare the student for the AP exam.

## IB Spanish 5

**Chandler only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Spanish 4 or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading, and writing. It emphasizes active communication in Spanish and broadens the student's knowledge of Hispanic culture. There is a strong focus on applying knowledge of the language to real-life situations. The curriculum will prepare the student for the IB and AP exam. TOK curriculum will be incorporated during the school year.

# World Language

## AP Spanish Literature and Culture [Year 6]

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Spanish 5</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading, and writing. It emphasizes active communication in Spanish and broadens the student's understanding of Hispanic culture. There is a strong focus on applying language to real-life situations. The curriculum will prepare the student for the AP exam.

## IB Spanish 6

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Spanish 5 or instructor approval</i>		May be offered for Dual Credit

This course is designed to refine, perfect and enhance the language skills: listening, speaking, reading, and writing. It emphasizes active communication in Spanish and broadens the student's knowledge of Hispanic culture. There is a strong focus on applying knowledge of the language to real-life situations. The curriculum will prepare the student for the IB and AP exam. TOK curriculum will be incorporated during the school year.

## Caminos Literarios

Chandler and Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This course is for native Spanish speakers with no previous formal study of the language. The course is designed to develop Spanish literacy and writing skills. The focus is on improving the understanding and use of Spanish grammar, vocabulary, spelling and writing style.

## AP Spanish Language and Culture [Caminos Literarios]

Chandler and Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Caminos Literarios or instructor approval</i>		May be offered for Dual Credit

AP Caminos Literarios curriculum is designed to expand and refine the Spanish native speakers abilities with their own language in oral and written expression. The course will focus on reading and writing through literary and cultural thematic units. Students will discuss similarities and differences between Hispanic and American cultures in order to develop an understanding and appreciation of their own heritage and culture. The curriculum will prepare the student for the AP exam.

## AP Spanish Literature and Culture [La Herencia Espanola]

Chandler and Hamilton only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: AP Caminos Literarios, IB/AP Spanish 4, IB/AP Spanish 5, or instructor approval</i>		May be offered for Dual Credit

This AP Spanish literature course is comparable to a third-year college introduction to Hispanic literature course. It is based on a required reading list. The works on the list are of literary significance, and represent various historical periods, literary movements, genres, geographic areas, and population groups within the Spanish-speaking world. The objective of the course is to help students interpret and analyze literature in Spanish. This curriculum will prepare the student for the AP exam.

## Mandarin Chinese 1

ACP, Basha, Casteel, Chandler, and Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
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This course will introduce students to the basic vocabulary, alphabet of Mandarin and the culture of China. Emphasis will be on listening, comprehension, and simple conversational skills. It will prepare the student to begin to read, write, speak and understand the language.

# World Language

## Mandarin Chinese 2

ACP, Basha, Casteel, Chandler, and Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Mandarin Chinese or equivalent study</i>		

This course will continue to build upon the basic vocabulary, grammar and conversation skills the students learned in the first year. Emphasis will be on daily dialogue practicing, short article/story reading, and free journal writing. Students also will explore further knowledge about Chinese history, culture, geography and current events.

## Honors Mandarin Chinese 3

ACP, Basha, Casteel, Chandler, and Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Mandarin Chinese 2 or equivalent study</i>		May be offered for Dual Credit

This course is designed to review and improve skills learned in Mandarin Chinese 2. Emphasis is on linguistic skills: speaking, listening, reading, and writing through the study of grammar, literature and culture.

## AP Chinese Language and Culture [Year 4]

ACP, Basha, Casteel and Hamilton only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Honors Mandarin Chinese 3</i>		

This course is designed to refine, perfect, and enhance language skills: listening, speaking, reading, and writing. It emphasizes active communication in Mandarin and broadens the student's understanding of Chinese culture. There is a strong focus on applying language to real-life situations. The curriculum will prepare the student for the AP exam.

## AP Chinese Language and Culture [Year 5]

ACP and Hamilton only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: AP Chinese Language and Culture [Year 4]</i>		

This course is designed to help AP Year 4 advance placement learners from the intermediate-low level reach to low-advanced level in a two-semester ( 150-180 hours ) curriculum. This targeted language level is comparable to that of a fourth-semester college Chinese course or of a student who has completed 250 hours of instruction in college. The course emphasizes the social and political backgrounds as well as the form and content of Chinese literature in the classical and contemporary.

# Miscellaneous Courses

## AP Seminar (Year 1 of AP Capstone)

Basha, Casteel, Hamilton only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: One or More AP Courses or Instructor Approval</i>		

AP Seminar is a foundational course that 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 viewing 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. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

## AP Research (Year 2 of AP Capstone)

Hamilton only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: AP Seminar</i>		

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

## Student Aide

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Administrator approval</i>		<b>Pass/Fail grade only</b>

Students will be assigned to an office and serve as an assistant performing a variety of clerical duties. Students may earn a maximum of 1/2 credit towards graduation.

## Peer Facilitator

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		<b>Pass/Fail grade only</b> <i>May be repeated for credit</i>

Students will work individually or with small groups of special education students in a variety of settings. This class will be limited; therefore, selection will be based on attendance, acceptance of others with disabilities, and being a positive role model. This is an excellent course for students who may be considering a career in education.

## Principles of Leadership (LINK)

Grades: 10, 11, 12	Semester/Full Year	½/1 Credit
		<i>May be repeated for credit</i>

Students in this class serve as mentors for incoming 9<sup>th</sup> graders. The course is designed to teach students models of leadership and then apply them through activities designed for grade nine students. It will be offered first semester only. This course can be repeated for credit.

## AVID

Grades: 9, 10, 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: Recommendation, Application and Interview</i>		May be offered for Dual Credit

The AVID course is designed to prepare students for success in postsecondary education. This course provides support and skill development in areas specifically aligned with success in rigorous courses in the foundation content areas and in preparing students for success in college. A recommendation, application and interview are required. Students must be accepted into the AVID program.

# Miscellaneous Courses

## Avid Tutors

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Avid Instructor approval</i>		<b>Pass/Fail grade only</b> <i>May be repeated for credit</i>

This class will focus on the use of effective Socratic questioning skills and other leadership skills. Students will apply these skills when they tutor small groups of AVID college-prep junior and high school students in a variety of settings. This class will be limited; therefore, selection will be based on attendance, eligibility for four-year college admittance, and being a positive role model. Students fulfilling all yearlong requirements may be eligible to be certified as a national AVID tutor. This is an excellent course for students who may be considering a career in education or leadership.

## Release Time

Grades: 9, 10, 11, 12	No Credit
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Release time is not a course at any Chandler high school. Choosing the course code number will enable students to pick out a class period at registration that will be excluded on their course schedule in order to attend religious instruction.

## IB Approaches to Learning

**Chandler only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Required for IBCP students</i>		

IB Approaches to Learning (ATL) is designed to develop IB Career-Related Program students' critical thinking, intercultural understanding, communication, and personal development. ATL aims to challenge students to draw on personal resources and skills from their career-related field of study to engage critically with the world around them. The topics addressed in ATL will be about ethical dilemmas, deductive and inductive reasoning, culture shock, academic honesty, and emotional intelligence. The ATL course will also dedicate time to the in-depth work on the Reflective Project. The Reflective Project requires students to identify, analyze, critically discuss and evaluate an ethical dimension of an issue stemming from their career-related studies. This course is required for students seeking the IBCP certificate.

## IB Theory of Knowledge

**Chandler only**

Grades: 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: Recommended for IB students</i>		

The purpose of this course is to enable students to unify the knowledge they have acquired in a dispersed fashion during the course of their schooling. This is an opportunity to reflect upon their acquired knowledge so that they may discern what in any subject distinguishes the subjective from the objective, the particular from the universal, opinion from scientific knowledge. Students will consider logical symbolism, the formation of scientific concepts, mathematics and reality, the nature and basis of moral, political and aesthetic judgments, and the implications of opinion, faith, knowledge and truth. This course is required for the IB diploma. TOK curriculum will be incorporated during the school year.

## Robotics

**ACP and Chandler only**

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		<i>May be repeated for credit</i>

In this class, students will become familiar and proficient with shop equipment necessary to build a competition robot. Previous compositions and robot designs are studied and evaluated to try and improve robot design. Students use special LEGO kits to simulate the F.I.R.S.T. competition. In the second semester, the class will build the competition robot that will be entered in the Arizona Regional Competition. No Science lab credit awarded.

*At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*



## 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., and the East Campus, 6625 S. Power Road - 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
FCCLA	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](http://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](http://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](http://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.

Course Code	Program Name	Main	East	AJ
DA10	3D Animation	X		
CS14	Aesthetics	X		
AM10	Automotive Technologies	X		
AV05	Aviation		X	
BK10	Banking and Financial Services	X		
MC65	Behavior, Mental and Social Health Services	X	X	
IT20*	Cisco Networking Academy*	X		
AB10	Collision Repair	X		
CU20	Commercial Baking and Pastry Arts	X		
IT40*	Computer Programming and Mobile App Design*	X		
CT10	Construction	X		X
CS10	Cosmetology	X	X	
CU10	Culinary Arts	X		X
MC60*	Dental Careers*	X		
AM63	Diesel Technologies	X		
IT30*	Digital Device Diagnostic and Repair*	X		
CC10	Early Childhood Education	X		
ED10	Education Professions	X		
MC55*	Emergency Medical Technician*	X		
FIT10	Fashion, Interiors and Textiles	X		
FF10	Fire Science	X		
IT60	Future Engineers		X	
MM30*	Graphic/Web Design*	X		
AC10	Heating, Ventilation and Air Conditioning (HVAC)	X		
MC10	Human Anatomy & Physiology for Medical Careers	X	X	
IT10	Information Technology & Engineering Careers (ITEC)	X		
MM10	Introduction to Multimedia Technologies	X		
LE10	Law Enforcement	X		
MT10*	Machining Technology*	X		
MA05	Massage Therapy	X		
MC20*	Medical Assistant*	X	X	
MC30*	Nursing Assistant*	X	X	
MC43*	Pharmacy Technician*	X		
MM20*	Photography*	X		
MC45*	Physical Therapy Technician*	X		
PLB10	Plumbing	X		
RB10	Radio/Audio Production	X		
MT40*	Robotics Engineering*	X		
MC44*	Veterinary Assistant*		X	
TV10	Video Production	X		
WD10	Welding	X		X

\*These are second-year courses. Please see pre-requisites.

# EVIT Center For Career Advancement

## **Director-Pauline Acosta**

Main Campus: 480-461-4156 [pmacosta@evit.com](mailto:pmacosta@evit.com)

High School & Adult Student Services

## **Registrar-Andrea Macias**

Main Campus: 480-461-4108 [amacias@evit.com](mailto: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](mailto:jmartinez@evit.com)

Automotive/Diesel, Banking, Barbering, Collision Repair, Construction, HVAC, ITEC Programs, Fire Science, Machining, Welding, 3-D Animation

Special Projects: Credit Recovery, Dual Enrollment, High School Scholarships

## **High School Counselor-Elizabeth Franco**

Main Campus: 480-461-4156 [pmacosta@evit.com](mailto:pmacosta@evit.com)

Cosmetology, Culinary Arts, Fashion/Interior Design, Law Enforcement, Multi-Media, Radio, Video

Special Projects: Non-Traditional Students

## **High School Counselor-James Brady**

Main Campus: 480-461-4156 [pmacosta@evit.com](mailto:pmacosta@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

Special Projects: McKinney-Vento

## **High School Counselor-David Pullman**

East Campus: 480-308-4607 [dpullman@evit.com](mailto: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

## **Special Education**

### **Special Education Counselor & IEP/504 Coordinator-Susan Chamberlain**

Main & East Campus: 480-461-4154 [schamberlain@evit.com](mailto:schamberlain@evit.com)

Special Projects: Keys to Success Foster Program, Behavioral Health, Social Services

### **Special Education Administrative Assistant-Susan Bangerter**

Main Campus: 480-461-4155 [sbangerter@evit.com](mailto:sbangerter@evit.com)

Special Projects: IEP/504 Accommodations Coordinator, Dress for Success Program & Services

# 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.

## Walk-In Registration

Please advise students who wish to enroll in an EVIT program on their own to bring the items listed above to the EVIT Registrar's office at 1601 W. Main Street in Mesa. The Registrar's office is typically open from 7:30 a.m. to 4 p.m., Monday through Friday. Students or parents should call ahead (480-461-4000) if they need to meet with a counselor.

**Director of Recruitment: Terri Pearson – 480-461-4153 – [tpearson@evit.com](mailto:tpearson@evit.com)**

**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.

**IT10 Introduction to Information Technology & Engineering Careers (ITEC) 2 semesters**

This program prepares students interested in pursuing careers in Engineering and/or Information Technology by introducing them to many different aspects of current technologies: Local Area Networks, Computer Information Systems, Programming and Engineering. The curriculum is designed to provide students with a foundation in the first year after which they can specialize in a chosen career pathway their second year. This is the recommended prerequisite course to the following second year programs: Robotics Engineering, Mobile App & Computer Programming, Cisco Networking Academy and Digital Device Diagnostics & Repair.

**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

**IT20 Cisco Networking Academy 2 semesters**

Students in this course will be introduced to the computer-networking field. Instructors cover network terminology and protocols, communication fundamentals in data networks and the Internet. 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 and network standards. The course prepares students for the Cisco Certified Entry Level (CCENT) examination. Students also learn the skills needed to pass the CompTIA Security+ Exams, 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.**

**Prerequisites:** EVIT's Intro. to Information Technology and Engineering Careers (ITEC) course or equivalent education/experience  
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

**IT40 Computer Programming 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 and mobile application design. They will also learn the skills necessary to communicate clearly, cooperate within teams, 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 of the C++ language, including, EasyC, RobotC, ObjectiveC, X-Code, Swift and Java Script.

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

**Prerequisites:** EVIT's Intro. to Information Technology and Engineering Careers (ITEC) course or equivalent education/experience  
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

**IT30 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:** EVIT's Intro. to Information Technology and Engineering Careers (ITEC) course or equivalent education/experience  
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

## COMPUTER INFORMATION SYSTEMS

### IT60 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 2 semesters

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

## HEALTH SERVICES

### 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

## HEALTH SERVICES

### 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

### 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



## HEALTH SERVICES

### **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

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.

**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

**CU10                    Culinary Arts** 2-4 semesters  
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

## HUMAN SERVICES

### 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 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, Cosmetology Masquerade and Block of Dreams. 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

## INDUSTRIAL & COMMERCIAL TECHNOLOGIES

### 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

## INDUSTRIAL & COMMERCIAL TECHNOLOGIES

### **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

### **MT40 Robotics Engineering** 2 semesters

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

### **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

## MULTIMEDIA

### **DA10 3D Animation** 2-4 semesters

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.**

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

## MULTIMEDIA

### **MM30 Graphic/Web Design** 2 semesters

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.

**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

### **MM10 Introduction to Multimedia Technologies** 2 semesters

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 will 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

### **MM20 Photography** 2 semesters

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

### **RB10 Radio/Audio Production** 2-4 semesters

EVIT's Radio/Audio Production program is home to KVIT, a fully functioning non-commercial radio station, run by students. KVIT 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 KVIT. 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

### **TV10 Video Production** 2-4 semesters

Show off your creativity and explore the exciting process of video production in one of the largest green screen and production studios in Arizona. Learn all aspects 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

## PUBLIC SAFETY & SECURITY

### FF10 Fire Science 2-4 Semesters

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

### LE10 Law Enforcement 2-4 Semesters

Prepare for a career in criminal justice or a law enforcement-related field. Training includes crime scene investigations, forensics, physical fitness, report writing, patrol procedures, tactical operations and interview skills. Gain a strong foundation for organization and operation of the criminal justice system, including police, courts, jails, prisons, probation and parole and community corrections agencies. This program operates like a police academy, including rigorous physical training to prepare students for employment, an advanced degree or the military. Students who reach the 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 2-4 semesters

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

### 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

## TRANSPORTATION TECHNOLOGIES

**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

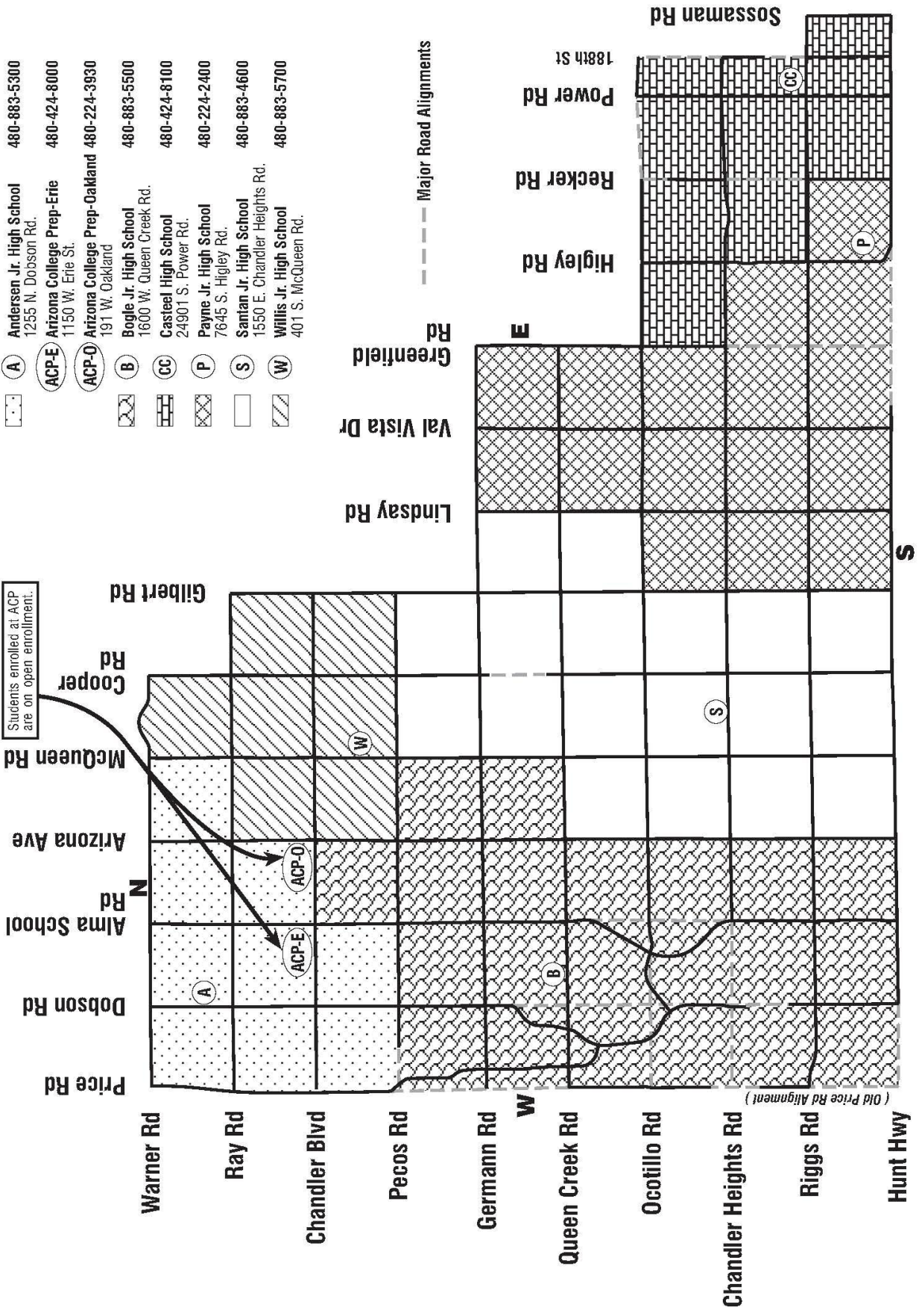
**AM63 Diesel Technologies** 2-4 semesters  
The diesel and heavy equipment industry is one of the fastest growing fields in the transportation business today. Diesel mechanics work on a wide variety of diesel engines including those found in buses, trucks, RVs, bulldozers, cranes, farm tractors and 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

# Chandler Unified School District No. 80 Junior High Attendance Boundaries for 2016-2017

Students enrolled at ACP are on open enrollment.

- (A)** Andersen Jr. High School  
1255 N. Dobson Rd. 480-883-5300
- (ACP-E)** Arizona College Prep-Erie  
1150 W. Erie St. 480-424-8000
- (ACP-D)** Arizona College Prep-Oakland  
191 W. Oakland 480-224-3930
- (B)** Bogle Jr. High School  
1600 W. Queen Creek Rd. 480-883-5500
- (CC)** Casteel High School  
24901 S. Power Rd. 480-424-8100
- (P)** Payne Jr. High School  
7645 S. Higley Rd. 480-224-2400
- (S)** Santan Jr. High School  
1550 E. Chandler Heights Rd. 480-883-4600
- (W)** Willis Jr. High School  
401 S. McQueen Rd. 480-883-5700





# Chandler Unified School District No. 80 High School Attendance Boundaries

School Year 2016-2017

