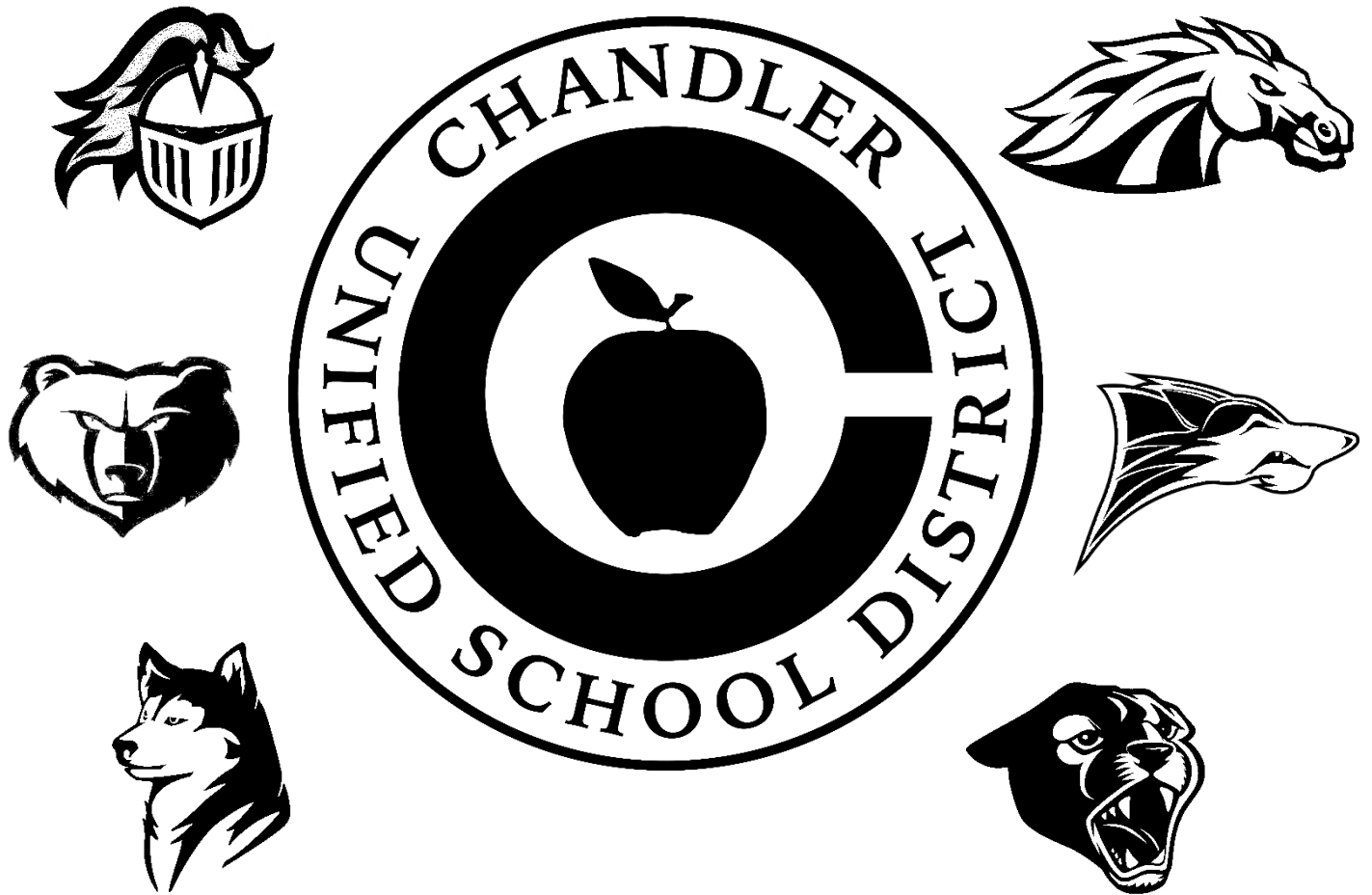


**2022 – 2023
HIGH SCHOOL COURSE CATALOG**



**Arizona College Prep High
Basha High
Casteel High
Chandler High
Hamilton High
Perry High**

Chandler Unified School District

2022 - 2023 Course Description Catalog

Grades 9-12

Governing Board

Lara Bruner
Lindsay Love
Barb Mozdzen
Jason Olive
Joel Wirth

District Administration

Mr. Franklin R. Narducci, Superintendent
Dr. Craig L. Gilbert, Assistant Superintendent of Secondary Education
Dr. Wendy Nance, Assistant Superintendent for Human Resources

Arizona College Prep

Rob Bickes, Principal
www.cusd80.com/acphs

Basha High School

Marques Reischl, Principal
www.cusd80.com/bhs

Camille Casteel High School

Jayson Phillips, Principal
www.cusd80.com/cchs

Chandler High School

Michael Franklin, Principal
www.cusd80.com/chs

Hamilton High School

Mike DeLaTorre, Principal
www.cusd80.com/hhs

Perry High School

Heather Patterson, Principal
www.cusd80.com/phs

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**CHANDLER UNIFIED SCHOOL DISTRICT
EDUCATIONAL PROGRAMS**

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. In compliance with Title IX, the District does not discriminate on the basis of sex in any of its programs or activities, including but not limited to, in admissions and employment. The following persons have been designated to handle Title IX inquiries regarding the nondiscrimination policies:

Compliance officers for Title IX

Notice of Non-discrimination: www.cusd80.com/nondiscrimination

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

Dr. Jeff Filloon, Director of Human Resources
1525 W. Frye Rd.
Chandler, AZ 85224
(480) 812-7624

Compliance officer for Section 504

Dr. Kymberly Marshall, Director of Student Services
200 S. Hamilton
Chandler, AZ 85225
(480) 812-7560

In addition, inquiries may be referred to the Assistant Secretary for Civil Rights of the US Department of Education.

Sexual Harassment Policy ACA
Sexual Harassment Policy ACA-R
Sexual Harassment Policy ACA-E Complaint Form

Title IX Sexual Harassment Policy ACAA
Title IX Sexual Harassment Policy ACAA-R

Aviso de no discriminación

El Distrito Escolar Unificado de Chandler no discrimina por motivos de raza, color, origen étnico, nacionalidad, religión, sexo o género, orientación sexual, discapacidad o edad en sus programas y actividades y proporciona igualdad de acceso a Boy Scouts y a otros grupos juveniles designados. En conformidad con el Título IX, el Distrito no discrimina por motivos de sexo en ninguno de sus programas o actividades, incluyendo, pero no limitado a, admisiones y empleo. Las siguientes personas han sido designadas para encargarse de las consultas de Título IX con respecto a las políticas de no discriminación:

Funcionario de Cumplimiento de Título IX

Aviso de no discriminación: www.cusd80.com/nondiscrimination

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

Dr. Jeff Filloon, Director de Recursos Humanos
1525 W. Frye Rd.
Chandler, AZ 85224
(480) 812-7624

Funcionario de Cumplimiento para Sección 504

Dr. Kymberly Marshall, Director de Servicios Estudiantiles
200 S. Hamilton
Chandler, AZ 85225
(480) 812-7560

Además, las consultas pueden ser remitidas al Subsecretario de Derechos Civiles del Departamento de Educación de los Estados Unidos.

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. ¹

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:

- | | |
|---|---|
| <ul style="list-style-type: none">-Student's name-Parent/Guardian's name-SAIS/Student ID number-Address-Telephone listing-Electronic mail address-Photograph-Date and place of birth-Major field of study-Dates of attendance-Grade level | <ul style="list-style-type: none">-Participation in officially recognized activities and sports-Weight and height of members of athletic teams-Degrees, honors, and awards received-The most recent educational agency or institution attended |
|---|---|

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. Requests for reasons of teacher preference will not be honored. 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.

Students will be classified as a freshmen, sophomore, junior or senior depending on their cohort year entering high school. Students will automatically advance to the next year's classification at the end of the school year. All students need 22 credits to graduate.

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 www.cusd80.com/Page/94517.

Challenge Tests – Students may have to take a challenge test to earn **core credit** from another educational institution. If the educational institution is not accredited by one of our approved accrediting agencies, students will have to pass a district test to receive core credit. Otherwise, elective credit will be issued. Courses with weighted grades cannot be challenged.

Students may have to take a challenge test to earn **core credit** from an online school. If the online school does not provide proctored finals, students will have to pass a district test to receive core credit. Otherwise, elective credit will be issued.

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 if the student successfully completes three semesters.
- Courses that may be applied toward the science requirement: Applied Biological Systems may be applied as a Biology credit. Biotechnology 1 and Biotechnology 2 may be applied as a lab science course. Students may receive a lab science credit with the combined completion of Agriscience 1 and Agriscience 2. The following classes from EVIT will count as a full year science credit: MC19 Intro to Medical Assistant, MC29 Intro to Nursing Assistant, MC37 Intro to Emergency Medical Technician, MC38 Intro to Physical Therapy, MC39 Intro to Occupational Therapy Aide and MC59 Intro to Dental Assisting.
- 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.

Arizona State Seal of Bi-literacy

The Arizona State Seal of Bi-literacy recognizes students who graduate from high school and have attained a high level of proficiency in one or more languages in addition to English. The Seal of Bi-literacy encourages students to pursue bi-literacy, honors the skills students attain, and can be evidence of skills that are attractive to future employers and college admissions offices. Proficiency in the identified language may be shown by a passing score on an AP/IB exam, or by taking the STAMP test. Full information from the Arizona Department of Education can be found at <https://www.azed.gov/standards-practices/seal-biliteracy>.

The seal requires students to show high levels of proficiency in English by successfully completing all English requirements for graduation with an overall grade point average in those classes of 2.0 or higher on a 4.0 scale. Students must also show high levels of proficiency in English by receiving a passing score in English on the state assessment. The student must attain the required score on a language assessment as adopted by the State Board of Education. English Second Language Learners must also obtain a score of Proficient or Higher on the AZELLA Assessment.

CUSD students interested in earning the **Arizona State Seal of Bi-literacy** on their diploma will need to apply online by **February** of their senior year.

Arizona State Seal of Arts Proficiency

The Arizona State Seal of Arts is awarded to students who have demonstrated high levels of proficiency and commitment to the Arizona Arts Education Standards through personal expression and creative experiences.

Students focus on one or more artistic disciplines: visual arts, theatre, music, dance, and media arts. In addition to completing 4 credits of fine arts study, students also demonstrate participation in 80 hours of arts extra-curricular experiences and a rigorous capstone project. Students who meet all the requirements for this program receive a special seal for their diploma.

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	4 credits	4 credits
Math	4 credits Student should complete one year in the same math course to receive credit towards graduation.	4 credits
Science	3 credits Student must complete one year in the same science course to receive credit towards graduation. Investigative Science, Biology, Chemistry, Physics and Anatomy and Physiology	3 lab science credits One unit from any three of the following: biology, chemistry, physics, earth science, integrated lab science. May also include an advanced study in one area.
Social Studies	3 credits World History/Geography, Economics, American/AZ History, US/AZ Government	2 credits 2 years social sciences (including 1-year American history)
Career and Technical Education/Fine Arts	1 credit	1 Fine Arts credit or 1 CTE
World Language	0 credit	2 credits 2 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.

The International Baccalaureate Middle Years Program (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.

General Information

Career & Technical Education Internship Programs

Career & Technical Education (CTE) Internship programs are the capstones to all CTE programs. These programs provide senior CTE students the opportunity to engage in real-world experiences part-time paid or unpaid Internships experiences. All students are required to complete prerequisite courses and instructor approval. Check with your CTE teacher and/or counselor for instructor approval requirements.

Internship Programs

Students can earn 1 credit for internship: 1/2 elective credit per semester for completing 90 paid/unpaid internship hours per semester. Students must be a concentrator in their specific program or currently enrolled in their completer year. See page 21, for details on how to qualify as a CTE completer.

- AGS500 Agriscience Internship
- AUT500 Automotive Technologies Internship
- BIT500 Biotechnology/Biomedical Internship
- CSC500 Software & App Design Internship
- CUL500 Culinary Arts Internship
- CYB500 Network Security Internship (BHS ICON)
- DFM500 Design and Fashion Merchandising Internship
- DPH500 Digital Photography Internship
- EDP500 Education Professions Internship
- ECE500 Early Childhood Education Internship
- EGR500 Engineering Internship
- GRD500 Graphic Design Internship
- MRK500 Marketing Internship
- NUR500 Medical Professions Internship
- SPM500 Sport Medicine Internship
- THR500 Technical Theatre Internship
- TVF500 Multimedia & Film Internship
- WDS500 Cabinetmaking Internship

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.

General Information

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 assured admission, each university will admit undergraduate applicants, from regionally accredited high schools, who meet the 16 academic coursework competency requirements, herein after called “core” or “core competencies,” and demonstrate aptitude for coursework by earning a 3.00 unweighted core grade point average (GPA) on a 4.00 = A scale in the core competencies outlined in Section ABOR Policy 2-121C or rank in the top 25 percent of their graduating high school class. Each university will adhere to the core GPA as the primary consideration for assured admission.

For delegated admission, each university may use its discretion in admitting applicants who do not meet the assured admission requirements, provided the applicant earns a core high school grade point average (GPA) of 2.5 or above on a 4.00 = A scale in the core competencies and have no more than 2 deficiencies. These 2 deficiencies cannot be in the same core subject area or a combination of Math and Laboratory Science.

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.

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.

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 20th 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 may receive a failing grade for that course.

General Information

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 www.cusd80.com/Page/94517.

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. The School District shall accept the credit as a core credit for each particular course in which the pupil takes an examination and receives a passing score on a test, aligned to the competency requirements adopted pursuant to this section, designed and evaluated by a teacher in the School District who teaches the subject matter on which the examination is based.

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.

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, depending on program. 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.

General Information

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

Cum Laude Recognition

Effective with the Class of 2020, all CUSD high schools will be using the Cum Laude recognition program. This will replace the concept of designating a valedictorian and salutatorian at graduation. This recognition program will be used to acknowledge the most academic successful students at graduation. More of our outstanding seniors will be recognized than the valedictorian/salutatorian concept allowed. The grade point average after the 7th semester will be used to determine the category.

The categories for distinction under the Cum Laude recognition program are as follows:

- **Cum Laude** - meaning "with praise". To qualify a student must achieve a 3.75 - 4.24 GPA.
- **Magna Cum Laude** - meaning "with great praise". To qualify a student must achieve a 4.25 - 4.49 GPA
- **Summa Cum Laude** - meaning "with the highest praise". To qualify a student must achieve a 4.5 - 5.0 GPA.

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.

AFJ110 Milestones in Aviation History AS 100

Grades: By site	Full Year	1 Credit
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Cadets study flight from ancient times to current developments. Understand that uniform wear and grooming standards are required. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

AFJ200 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. Understand that uniform wear and grooming standards are required. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

AFJ220 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. Understand that uniform wear and grooming standards are required. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

AFJ300 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.*

AFJ420 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. Understand that uniform wear and grooming standards are required. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived.*

AFJ450 Aviation Honors Ground School AS 450

Hamilton only

Grades: By site	Semester	1 Credit
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Prerequisite: 11th or 12th 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*

Air Force Junior ROTC

AFJ500 Competitive Drill Team AS 500 / Honor Guard AS 500

Hamilton/Basha/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. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived. NOTE: Competitive Drill Team at HHS only / Honor Guard at BHS and CHS only.*

AFJ410 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. Understand that uniform wear and grooming standards are required.

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 - Fundamentals 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.

Career & Technical Education (CTE)

The purpose of CTE is to provide all CUSD students the opportunity to select a program of study that involves a multi-year sequence of courses. Each CTE program integrates core academic knowledge with technical knowledge and professional skills to provide students with a pathway to postsecondary education and careers.

The goal of the CUSD CTE Department is for each student to become a completer in at least one program. To qualify as a completer, each student must complete a minimum of 2 or 3 years in a specific program. Three-year programs are noted with an asterisk* below. A concentrator is a student who completes 2 years in a specific program.

Students can choose to participate in program area capstone course by enrolling in an Internship Program. See page 15 for more details.

CTE programs include:

- Agriscience*
- Automotive Technologies*
- Biotech
- Cabinetmaking
- Culinary Arts
- Digital Photography
- Early Childhood Education
- Education Professions
- Engineering*
- Fashion Design & Merchandising
- Film & TV Production
- Graphic Design
- Marketing
- Network Security (BHS Cyber Security)
- Nursing Services
- Software & App Design
- Sports Medicine and Rehabilitation
- Stagecraft

Students who complete a two- or three-year CTE program of study and pass the Arizona Technical Skills Assessment will earn a program completer certificate and be recognized at an end-of-year ceremony. Chandler Unified School District participates with the Maricopa Community College District in many articulated programs in which student may receive college credit for courses taken in high school. All CTE programs lead to industry certification that will qualify students for employment after high school. Many CTE programs offer AP, Honors, Fine Art, and Science credit.

Please check pages 22 – 36 for prerequisites and specific offerings at each high school.

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.

AGS100 Plants, Animals, and Leadership Science (PALS)

Basha, Chandler, Hamilton Only

Grades: 9, 10, 11, 12 Full Year 1 Credit

Prerequisite: None

Students enrolled in or completed AGS100 cannot take AGS200

May be offered for Dual Credit

Students will learn how agriculture plays a key role in the U.S. and world economy through experiential learning in the area of 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. FFA offers leadership and community service opportunities to assist with entrance into college.

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

AGS200 Applied Biological Systems

Basha, Chandler, Hamilton only

Grades: 9, 10, 11, 12 Full Year 1 Credit

Prerequisite: None

Students enrolled in or completed AGS200 cannot take AGS100

This course may be applied as Biology credit.

May be offered for Dual Credit

Students will utilize experiential learning to focus on how plant and animal sciences play a key role in Biology. Emphasis will be on major biology components and how they relate 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, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

AGS230 AgriScience 1

Basha, Chandler, Hamilton Only

Grades: 10, 11, 12 Full Year 1 Credit

Prerequisite: Concurrent enrollment or completion PALS or ABS

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 participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this course. FFA offers leadership and community service opportunities to assist with entrance into college. Completion of Agriscience 1 and 2 will provide one credit of laboratory science for university admission or high school credit and one CTE credit. At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

AGS240 AgriScience 2

Basha, Chandler, Hamilton Only

Grades: 10, 11, 12 Full Year 1 Credit

Prerequisite: Concurrent enrollment or completion of Agriscience 1

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 participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this same course. FFA offers leadership and community service opportunities to assist with entrance into college. Completion of Agriscience 1 and 2 will provide one credit of laboratory science for university admission or high school credit and one CTE credit. At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

CTE-Agriscience

AGS110 Agriculture Engineering

Basha and Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
Prerequisite: Concurrent enrollment or completion of Agriscience 2		May be repeated for credit
Course Fee Required		

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. FFA offers leadership and community service opportunities to assist with entrance into college.

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

AGS420 Agriculture Business Management

Basha, Chandler and Hamilton only

Grades: 12	Full Year	1 Credit
Prerequisite: Completion of Agriscience 2		May be offered for Dual Credit
This course may be taken for Economics credit		

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. FFA offers leadership and community service opportunities to assist with entrance into college. At Chandler High School, 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

MRK200 Marketing 1

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, merchandising, 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, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

MRK330 Marketing 2

Grades: 10, 11, 12 <i>Prerequisite: Marketing 1</i> <i>Fee Required</i>	Full Year	1 Credit May be offered for Dual Credit
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Marketing 2 builds upon the marketing fundamentals learned in Marketing I. Students will actively participate in project based learning and exhibit advanced levels of sales methods and selling techniques. Students will further solidify their understanding through hands on laboratory simulation experience in a retail environment. 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, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

MRK300 School Based Enterprise

ACP, Basha, Casteel, Chandler and Perry only

Grades: 11, 12 <i>Prerequisite: Concurrent enrollment or completion of Marketing 2</i> <i>Fee Required</i>	Full Year	1 Credit <i>May be repeated for credit</i> May be offered for Dual Credit
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Students in this course will have already taken Marketing 2 and are entering this class in a supervisory role ensuring a successful retail environment in the student store. Students are automatically enrolled in DECA, which is the Career and Technical Student Organization. Opportunities available through DECA include leadership development, event planning, networking, digital and social media marketing, field trips, travel, and competition. *At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

MRK420 Marketing and Economic Applications

Chandler & Perry only

Grades: 12 <i>Prerequisite: Marketing 2</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).

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

CUL100 Culinary Arts 1

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 1 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.

CUL200 Culinary Arts 2

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

Culinary Arts 2 builds upon the fundamental techniques learned in Culinary Arts 1 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.

CUL300 Culinary Arts 3

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Culinary Arts 2, 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 3 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.

DFM100 Design and Fashion Merchandising 1

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. FCCLA field trips and competitions may be available. Participation in Fashion Show may be available.

CTE - Family and Consumer Science

DFM200 Design and Fashion Merchandising 2

Perry only

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

In this course, students will improve skills while applying knowledge and expressing creativity on variety of projects. Additional skills, such as using sergers and embroidery machines may be included. Students will develop a small business idea, follow it through with business plan, advertising, and product development. FCCLA field trips and competitions may be available. Participation in fashion show may be required.

ECE100 Early Childhood Education 1

Basha, Chandler, Hamilton and Perry only

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 cognitive development of the child. The program includes instruction in child growth and development, health, nutrition, safety, and guidance. A variety of roles related to early childhood professions will be examined. Students may interact with children in the on-campus childcare center and/or early childhood classrooms in CUSD. Students may have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

ECE200 Early Childhood Education 2

Basha, Casteel, Chandler, Hamilton and Perry only

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

This course will prepare students for employment in a variety of early childhood settings. Students will develop and implement age-appropriate learning activities in the on-campus childcare center and/or early childhood environments within the community. 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) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

ECE430 Early Childhood Professions 1

Basha, Chandler, Hamilton and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Early Childhood Education 2</i>		<i>May be offered for Dual Credit</i>
<i>Fee Required</i>		

This course will focus on the application of skills attained in Early Childhood Education 1 & 2 through the on-campus childcare center and/or early childhood environments within the community. Students will be working towards industry certification: The Child Development Associate Credential and/or Praxis ParaPro Certificate. 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) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

CTE - Family and Consumer Science

ECE440 Early Childhood Professions 2

Basha, Chandler, Hamilton and Perry only

Grade: 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Early Childhood Professions 1</i>		<i>May be offered for Dual Credit</i>
<i>Fee Required</i>		

This course will focus on working towards completing industry certification requirements: The Child Development Associate Credential and/or Praxis ParaPro Certificate. Students will develop employability skills through the on-campus childcare center and/or early childhood environments within the community. Incorporating lesson planning, collaboration, complex communication skills, and 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) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

EDP200 Education Professions 1

ACP and Casteel only

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

This course examines the structure of education, history and philosophy of teaching, impacts of classroom management and explores the facets of education. Students will have the opportunity to interact in other classrooms within CUSD. Students may have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

EDP300 Education Professions 2

ACP and Casteel only

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

Education Profession II allows students to further study education and related careers. The course provides a foundation for students seeking higher education and students seeking careers with children upon graduation. The course provides an active learning approach with a focus on higher order thinking, leadership, and communication skills. Students participate in a field experience at a local elementary school and are provided the opportunity to work alongside a cooperating teacher while creating a teaching portfolio.

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

BIT300 Biotechnology 1

ACP, Casteel, and Basha only

Grades: 9 (Basha AMS only), 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Biology or Honors 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. Leadership skills are enhanced through HOSA: Future Health Professionals. This course will satisfy 1 Biological Lab Science credit for Arizona university entrance requirements.

BIT400 Biotechnology 2

ACP, Casteel, and Basha only

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

This course is designed as a continuation of Biotechnology 1. 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 one Biological Lab Science credit for Arizona university entrance requirements. Industry certification may be offered in this course which would permit work in a Biotech lab.

NUR300 Medical Professions 1

Basha and Perry only

Grades: 11	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 for healthcare, will be obtained. Leadership skills are enhanced through HOSA: Future Health Professionals.

NUR400 Medical Professions 2

Basha and Perry only

Grades: 12	Full Year	1 Credit
<i>Recommended: Anatomy and Physiology</i>		
<i>Prerequisite: Medical Professions 1 and Instructor approval</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. Industry certification is offered in this course. Students will have the opportunity to participate in HOSA: Future Health Professionals.

CTE - Health Sciences

SPM100 Sports Medicine 1

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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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 1. *At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

SPM200 Sports Medicine 2

Grades: 10, 11, 12 <i>Prerequisite: Sports Medicine 1</i> <i>Fee required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This course is designed as a continuation of Sports Medicine 1. 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 may be offered in this course. Students who participate in the after school Sports Medicine Student Aide Club, must be enrolled in Sports Medicine 2. *At Chandler High School, 11th and 12th 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

AUT100 Automotive Technologies 1

Chandler only

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

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.

AUT200 Automotive Technologies 2

Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Automotive Technologies 1</i>		
<i>Fee required</i>		

This course provides students with the technical skills and knowledge in the areas of engine tune-up, suspension systems, brakes, cooling, fuel, and electrical systems. Hands-on lab activities are included. Industry certification may be offered in this course.

AUT300 Automotive Technologies 3

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Automotive Technologies 2</i>		
<i>Fee required</i>		<i>May be repeated for credit</i>

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.

WDS100 Woods 1

Chandler only

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

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.

WDS200 Woods 2

Chandler only

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

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

DPH100 Digital Photography 1

ACP, Basha, Casteel, Chandler, Hamilton, and Perry

Grades: 9, 10, 11, 12

Full Year

1 Credit

Fee Required

May be offered for Dual Credit

This course may be taken for Fine Arts credit (DPH101).

This course instructs the basic fundamentals of digital imaging, including capture, editing and 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. Students will explore the Adobe Creative Suite. *At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

DPH200 Digital Photography 2

ACP, Basha, Casteel, Chandler, Hamilton, and Perry

Grades: 10, 11, 12

Full Year

1 Credit

Prerequisite: Digital Photography 1

May be repeated for credit

Fee Required

May be offered for Dual Credit

This course may be taken for Fine Arts credit (DPH201).

This one-year course builds on the skills learned in Digital Photography 1 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, and the photo essay. Students will design a photo project and will be expected to exhibit their work. Students will explore the Adobe Creative Suite. Industry certification may be offered in this course. *At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

ART306 AP Studio Art: 2-D Design Portfolio

ACP and Hamilton

Grades: 11, 12

Full Year

1 Credit

Prerequisite: Digital Photography 2 or Instructor Approval

May be repeated for credit

This course may be taken for Fine Arts credit if teacher has fine arts certification

This course is intended for highly motivated students committed to serious study in art. The AP course will involve significantly more time and effort than the previous courses completed. Students are asked to create, select, and submit their portfolio for evaluation by a group of artists and teacher at College Board. The evaluation is intended to allow students to demonstrate their ability to effectively deal with the fundamental concerns of the visual arts. Students will be responsible for the cost to print their portfolio materials.

GRD100 Graphic Design 1

Basha, Chandler, Hamilton, and Perry only

Grades: 9, 10, 11, 12

Full Year

1 Credit

Fee Required

May be offered for dual credit

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, and InDesign) to create visually dynamic printed and digital products. Emphasis is placed on software operation, the creative process, file and project management, employability, and professionalism. Industry certification may be offered in this course. *At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

GRD200 Graphic Design 2

Basha, Chandler, Hamilton, and Perry only

Grades: 10, 11, 12

Full Year

1 Credit

Prerequisite: Graphic Design 1

May be repeated for credit

Fee Required

This course expands on the skills developed in Graphic Design 1. Students will develop a more advanced operational skill set in the design software to create real-world design projects. Students will complete individual and group projects involving printed and digital materials. Examples include logo design, brochures, posters, T-shirt design and client-based projects. Industry certification may be offered in this course. *At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

CTE - Industrial Education

TVF100 Multimedia and Film 1

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		
<i>This course may be taken for Fine Arts credit (TVF101).</i>		

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

TVF200 Multimedia and Film 2

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Multimedia and Film 1</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		
<i>This course may be taken for Fine Arts credit (TVF201).</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 productions including 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, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

THR100 Technical Theatre 1

ACP, Casteel, Hamilton and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		<i>May be taken for dual credit</i>
<i>This course may be taken for Fine Arts credit (THR101).</i>		

This course is designed to introduce students to the fundamentals of theatre production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, theatrical make-up, audio engineering, rigging and production management. Students will serve as a member of a production crew. Technical Theatre 1 requires students to participate in theatre production activities after school, evenings and weekends.

THR200 Technical Theatre 2

ACP, Casteel, Hamilton and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Technical Theatre 1</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		
<i>This course may be taken for Fine Arts credit (THR201).</i>		

This course builds on the skills learned in Technical Theatre I with an emphasis on stage production, 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 portfolios for review by industry professionals. After school, evening and weekend commitments are 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 - Engineering

EGR105 Honors Intro to Engineering Design

Basha, Casteel, Hamilton, and Perry only

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

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. Students will also be introduced to Robotics via Lego Mindstorms. Emphasis is placed on analyzing potential solutions and communicating ideas to others. Industry certification may be offered in this course.

EGR125 Honors Principles of Engineering

Basha, Casteel, Hamilton, and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Introduction to Engineering Design</i>		May be offered for Dual Credit
<i>Fee required</i>		

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.

EGR305 Honors Digital Electronics

Basha, Casteel, and Perry only

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

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 provide opportunities for students to design, construct, test and analyze simple and complex digital circuitry.

EGR415 Honors Aerospace Engineering

Hamilton only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Honors Principles of Engineering</i>		May be repeated for credit
<i>Fee required</i>		

Aerospace Engineering ignites students' learning in the fundamentals of atmospheric and space flight. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket.

EGR405 Honors Engineering Development and Design Capstone

Casteel only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Honors Digital Electronics</i>		
<i>Fee required</i>		

This capstone course will emphasize engineering research. Students will work in teams to research, design, and construct a solution to an open-ended engineering program. Students will apply principles developed in the preceding courses and are guided by a community mentor. Students will present progress reports, submit a final written report and defend their solution to a panel of outside reviewers at the end of the school year. This is the final course in the engineering PLTW sequence. Students will be responsible for fundraising funds to support their engineering research project.

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 & App Design

CSC125 AP Computer Science Principles 1

Grades: 9, 10, 11, 12 <i>Fee Required</i>	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.

CSC200 Software Engineering 1

Chandler only

Grades: 10, 11, 12 <i>Prerequisite: Project Lead the Way Cyber Security</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, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

CSC335 AP Computer Science A

ACP, Basha, Casteel, and Perry only

CSC305 AP JAVA (Chandler and Hamilton only - NOT CTE Credit)

Grades: 10, 11, 12 <i>ACP, BHS, CCHS & PHS Prerequisite: AP Computer Science Principles & Concurrent enrollment or completion of Algebra 1</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. Industry certification may be offered in this course. *At Chandler High School, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

CSC308 IB Computer Science SL (NOT CTE Credit)

Chandler only

Grades: 11, 12 <i>Prerequisite: Concurrent enrollment or completion of Algebra 1</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. TOK curriculum will be incorporated during the school year. Industry certification may be offered in this course.

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

CSC325 Project Lead the Way Honors Cyber Security

Chandler, Hamilton, and Perry only

Grades: 10, 11, 12 <i>PHS Prerequisite: AP Computer Science A</i> <i>CHS and HHS Prerequisite: AP Computer Science Principles 1</i> <i>Fee Required</i>	Full Year	1 Credit
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Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

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 – Network Security BHS Institute of Cyber Operations & Networking

CYB120 Introduction to Computer Systems (NOT CTE Credit) Basha only

Grades: 9, 10, 11, 12	Semester	1/2 Credit
<i>Prerequisite: None</i>		May be offered for Dual Credit
<i>Fee Required</i>		

Overview of computer technology, concepts, terminology, and the role of computers in business and society. Social and ethical issues related to computers will be discussed. Includes uses of application software and the Internet for efficient and effective problem solving. Exploration of relevant emerging technologies. Industry certification may be offered in this course.

CYB130 Python (NOT CTE Credit) Basha only

Grades: 9, 10, 11, 12	Semester	1/2 Credit
<i>Prerequisite: Concurrent enrollment or completion of CYB120 or CSC125</i>		May be offered for Dual Credit

Course Description: Introduction to Python programming includes general concepts, program design, development, data types, operators, expressions, flow control, functions, classes, input and output operations, debugging, structured programming, and object-oriented programming.

CYB230 Hardware and Software Config and Support Basha only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of CYB120</i>		May be offered for Dual Credit
<i>Fee Required</i>		

Explore technical aspects of personal computers, including system components, installation, system configuration, and peripheral devices. Emphasis on hardware installation, maintenance, mobile devices, and troubleshooting. Explore advanced technical aspects of maintaining and servicing computers. Emphasis on OS installation, maintenance, mobile devices, security, troubleshooting, and on proper usage of tools, safety procedures, and professionalism. Industry certification may be offered in this course.

CYB240 Intro to LAN and Security Fundamentals Basha only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of CYB230</i>		May be offered for Dual Credit
<i>Fee Required</i>		

Overview of local area networks students will learn the elements and use of a LAN, the current issues and products - including terminology, hardware and software components, connectivity, resource monitoring and sharing, email and messaging and security issues. Fundamental concepts of information technology security will also be covered. Industry certification may be offered in this course.

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 - Network Security

BHS Institute of Cyber Operations & Networking

CYB300 Linux OS and Advanced Linux

Basha only

Grades: 10, 11, 12

Full Year

1 Credit

Prerequisite: Concurrent enrollment or completion of CYB230

May be offered for Dual Credit

Fee Required

Introduction to the Linux Operating system and Linux Administration. Students will develop knowledge and skills required to install, configure, and troubleshoot a Linux-based workstation including basic network functions. Learn basic command line and Graphical User Interface (GUI) desktop environment utilities and applications. Students will initially learn to manage Linux Operating Systems including sophisticated manipulation of file structures, backup systems, printing processes, troubleshooting, user account management, hard disk maintenance and configuration, process monitoring and prioritizing, kernel customization, and system resource control. Industry certification may be offered in this course.

CYB400 Security Fundamentals and Ethics in IT

Basha only

Grades: 11, 12

Full Year

1 Credit

Prerequisite: Concurrent enrollment or completion of CYB300

May be offered for Dual Credit

Security Fundamentals' topics include authentication methods, access control, cryptography, Public Key Infrastructure (PKI), network attack and defense methods, hardening of operating systems and network devices, securing remote access and wireless technologies, and securing infrastructures and topologies. Emphasis will be on hands-on labs in both the Windows and Linux environments. Students will perform port scanning, target enumeration, use cryptography to enhance system security and develop business disaster recovery system and counter defense strategies. Ethics in technology, including professional, corporate, government regulation, fiduciary responsibilities of information, infringement of intellectual property and the ethics of IT corporations. This course helps prepare students for Security+.

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 for prerequisites and specific offerings at each high school.

1st Year Options	English 9	OR	Honors English 9	
2nd Year Options	English 10	OR	Honors English 10	
3rd Year Options	English 11	OR	IB/AP English Lang and Comp	
4th Year Options	English 12	OR	IB/AP English Lit and Comp	OR College Prep English 1 & 2
4 th Year Options cont'd	Honors Science and Technical Writing			

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 have summer reading at all high schools. Visit the individual school website for more information as some sites require summer reading for all English classes.

English

ENG100 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.

ENG120 Resource English 9

Grades: 9	Full Year	1 Credit
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Resource English 9 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource English 9 uses the ninth-grade state standards. Resource English 9 moves at an adapted pace and puts more focus on the grade band anchor standards. This course emphasizes reading and writing for a full year. This course emphasizes writing skills, literature, and vocabulary. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

ENG110 Essentials English 1

Grades: 9	Full Year	1 Credit
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This course emphasizes writing skills, reading, literature, and vocabulary. The course's modified curriculum aligns to grade level standards and provides writing and reading activities at student instructional levels. Activities include giving students practice organizing developing a narrative, identifying cause and effect, comparing, and contrasting different genres, literary review and research. In addition, students study short stories, novels, poetry and a Shakespearean play.

ENG130 ELD English 9

Grades: 9	Full Year	1 Credit
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This course is designed to support English proficiency in reading, writing, listening, and speaking. Students will develop grade-level appropriate social and academic language that is applicable in real-world situations and portable across content areas. The course prerequisite and completion are determined by passing the state-mandated test, AZELLA, with a Proficient score in the Reading, Writing and Total Combined categories.

ENG105 Honors English 9

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

ENG200 English 10

Grades: 10 <i>Prerequisite: English 9</i>	Full Year	1 Credit
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This course emphasizes organizing, developing, editing and revising compositions. Literature studies introduce literary terminology, critical and analytical reading and appreciation of literature.

ENG220 Resource English 10

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

Resource English 10 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource English 10 uses the tenth-grade state standards. Resource English 10 moves at an adapted pace and puts more focus on the grade band anchor standards. This course emphasizes reading and writing for a full year. This course emphasizes organizing, developing, editing, and revising compositions. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

ENG210 Essentials English 2

Grades: 10	Full Year	1 Credit
<i>Prerequisite: ENG110</i>		

This course emphasizes organizing, developing, editing, and revising compositions. Literature studies introduce literary terminology, critical and analytical reading, and appreciation of literature. The course's modified curriculum aligns to grade level standards and provides writing and reading activities at student instructional levels.

ENG230 ELD English 10

Grades: 10	Full Year	1 Credit
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This course is designed to support English proficiency in reading, writing, listening, and speaking. Students will develop grade-level appropriate social and academic language that is applicable in real-world situations and portable across content areas. The course prerequisite and completion are determined by passing the state-mandated test, AZELLA, with a Proficient score in the Reading, Writing and Total Combined categories.

ENG205 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.

ENG300 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 and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENG320 Resource English 11

Grades: 11	Full Year	1 Credit
<i>Prerequisite: English 10</i>		

Resource English 11 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource English 11 uses the eleventh-grade state standards. Resource English 11 moves at an adapted pace and puts more focus on the grade band anchor standards. This course emphasizes reading and writing for a full year. 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. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

ENG310 Essentials English 3

Grades: 11	Full Year	1 Credit
<i>Prerequisite: ENG210</i>		

This course offers integrated program of writing and literature, a focus on the study of historical documents and those of historical significance, and persuasive writing. Students will work on comparing and contrasting, researching, and writing a narrative. The course's modified curriculum aligns to grade level standards and provides writing and reading activities at student instructional levels.

ENG330 ELD English 11

Grades: 11	Full Year	1 Credit
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This course is designed to support English proficiency in reading, writing, listening, and speaking. Students will develop grade-level appropriate social and academic language that is applicable in real-world situations and portable across content areas. The course prerequisite and completion are determined by passing the state-mandated test, AZELLA, with a Proficient score in the Reading, Writing and Total Combined categories.

ENG305 AP English Language and Composition

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

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 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.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter.

ENG308 IB English 11

Chandler only

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

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.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENG400 English 12

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

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 and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENG420 Resource English 12

Grades: 12	Full Year	1 Credit
<i>Prerequisite: English 11</i>		

Resource English 12 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource English 12 uses the twelfth-grade state standards. Resource English 12 moves at an adapted pace and puts more focus on the grade band anchor standards. This course emphasizes reading and writing for a full year. 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. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

ENG430 Essentials English 4

Grades: 12	Full Year	1 Credit
<i>Prerequisite: ENG310</i>		

This course continues to emphasize writing skills, reading, literature, and vocabulary. The course incorporates world literature, development of critical thinking, and writing for the persuasive, research, and narrative genres. Functional reading and writing tasks are also explored such as invitations, ads, manuals, and resume writing. The course's modified curriculum aligns to grade level standards and provides writing and reading activities at student instructional levels.

ENG440 ELD English 12

Grades: 12	Full Year	1 Credit
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This course is designed to support English proficiency in reading, writing, listening, and speaking. Students will develop grade-level appropriate social and academic language that is applicable in real-world situations and portable across content areas. The course prerequisite and completion are determined by passing the state-mandated test, AZELLA, with a Proficient score in the Reading, Writing and Total Combined categories.

ENG405 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.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENG408 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.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

English

ENG418 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.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENE300 Humanities

Basha, Casteel, Chandler and Perry only

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.

ENG410 College Prep English 1 & 2

Basha, Casteel 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.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENG415 Honors Science and Technical Writing

ACP, Casteel and Hamilton only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: AP English 11 or ENG 101/102</i>		May be taken for Dual Credit

Honors Science and Technical Writing is a 4th year English option for students who may have completed AP English Language and/or Dual Credit ENG 101/102, but for whose needs and interests are not fulfilled by AP English Literature. Designed for students entering STEM fields, this is a rigorous writing class that teaches students how to communicate effectively using different forms of scientific, technical, and research writing. The rigor of this class is reflected in its dual credit English ENG 111 alignment.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENE100 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.

ENE200 Creative Writing

ACP, 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.

AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter

ENE210 Newspaper Staff

Grades: 9,10, 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.

ENE220 Yearbook Staff

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

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.

ENE110 Honors Academic Decathlon

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

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.

ENE180 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>

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.

ENG450 English Strategies

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

English Strategies is a yearlong elective class, offering students with reading and written expression needs, additional services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. This class will address basic reading skills, fluency skills, reading comprehension and written expression skills.

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

THA100 Theatre Arts 1

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.

THA110 Theatre Arts 2

Grades: 9, 10, 11, 12	Semester	½ Credit
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Prerequisite: Theatre Arts 1 or Instructor approval

Students will continue to build on the basic acting skills developed in Theatre Arts 1. 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.

THA200 Theatre Arts 3

Grades: 10, 11, 12	Semester	½ Credit
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Prerequisite: Theatre Arts 2 or Instructor approval

May be repeated for credit

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.

THA210 Company / Performance Theatre

Grades: 10, 11, 12	Full Year	1 Credit
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Prerequisite: Theatre Arts I, II, and II and/or audition

May be offered for Dual Credit

May be repeated for credit

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.

THA120 Stagecraft

Basha, Casteel, Chandler and Perry only

Grades: 9, 10, 11, 12	Semester	½ Credit
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May be repeated for credit

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.

THR100 Technical Theatre 1

ACP, Casteel, Hamilton and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
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Fee Required

May be taken for dual credit

This course may be taken for Fine Arts credit (THR101).

This course is designed to introduce students to the fundamentals of theatre production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, theatrical make-up, audio engineering, rigging and production management. Students will serve as a member of a production crew. Technical Theatre 1 requires students to participate in theatre production activities after school, evenings and weekends.

THR200 Technical Theatre 2

ACP, Casteel, Hamilton and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Technical Theatre 1</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		
<i>This course may be taken for Fine Arts credit (THR201)</i>		

This course builds on the skills learned in Technical Theatre I with an emphasis on stage production, 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 portfolios for review by industry professionals. After school, evening and weekend commitments are required.

ORC100 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.

ORC110 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.

ORC120 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.

ORC130 Full Orchestra

ACP and Perry High only

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Instructor Approval; Audition may be required. Concurrent enrollment in String Orchestra (Chamber, Symphonic, or Concert) or Band (Symphonic or Concert) is highly recommended</i>		<i>May be repeated for credit</i>

This class is for advanced string, wind, and percussion players to rehearse and perform together in a full symphony setting (violin, viola, cello, bass, harp, flute, oboe, clarinet, bassoon, trumpet, trombone, French horn, tuba, various percussion parts). The Full Orchestra ensemble will study transcriptions of the masters of symphonic works, symphonic arrangement from film scores, and other full orchestra literature. Participation in rehearsals, performances, and music festivals is required.

BND100 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>
<i>Fee required</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.*

BND140 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.

BND110 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.

BND130 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.

BND120 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.

BND150 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.

BND160 JV Jazz Band

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

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

MUS100 Creative Musicianship

Basha only

Grades: 9, 10, 11, 12	Semester	½ 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.

BND170 Color/Winguard

Grades: 9, 10, 11, 12	Semester/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.*

BND180 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.

BND190 Percussion Ensemble

ACP, Basha, Casteel, Perry and Hamilton only

Grades: 9, 10, 11, 12	Full Year	
<i>Prerequisite: Percussion and Instructor Approval</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.

GUI100 Beginning Guitar

ACP, Basha, Casteel, 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.

GUI110 Intermediate Guitar

ACP, 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.

GUI120 Guitar Ensemble

ACP, 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.

MUS200 Intro to Music Theory

Basha, Chandler and Hamilton only

Grades: 10, 11, 12	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).

MUS305 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.

CHR100 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.

CHR110 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.

CHR120 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.

CHR130 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.

CHR140 Intermediate Mixed Choir

ACP, Basha, Chandler and 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.

CHR200 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.

CHR210 Chamber Choir

Basha, Chandler, 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

CHR220 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.

CHR150 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.

CHR308 IB Music 1 (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.

CHR408 IB Music 2 (Vocal or Instrumental)

Chandler only

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

DAN100 Beginning Dance

Grades: 9, 10, 11, 12	Semester/Year	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.

DAN110 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

DAN300 Advanced 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 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.

DAN200 Company/Performance Dance

Grades: 9, 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.

DAN210 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.

DAN120 Dance for Theatre

Casteel, Chandler and Perry only

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

This course is recommended for students with little or no dance experience who are interested in musical theatre. It offers instruction in a variety of dance styles used in musical theatre, including Tap, Jazz, Ballet, and Broadway Choreography. The course aims to prepare students for the dance requirements of musical theatre auditions and performances, as well as offer opportunities to choreograph. Dance credit may be applied to fine arts, PE, or elective credit.

ART100 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.

ART110 Ceramics 1

ACP, Chandler and Hamilton only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Semester	½ Credit May be offered for Dual Credit
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Students will explore the nature of clay and glazes, hand forming methods, throwing on the potter's wheel, decorative processes and glaze applications.

ART120 Ceramics 2

ACP, Chandler and Hamilton only

Grades: 9, 10, 11, 12 <i>Prerequisite: Ceramics 1</i> <i>Fee Required</i>	Semester	½ Credit May be offered for Dual Credit <i>May be repeated for credit</i>
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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.

ART130 Sculpture 1

Basha, Casteel and Perry only

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

ART140 Sculpture 2

Basha, Casteel and Perry only

Grades: 9, 10, 11, 12 <i>Prerequisite: Sculpture 1</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.

ART320 Sculpture 3

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 3 is a full year course designed to advance student's skills learned in Sculpture 1 and 2. Students will experiment with new art media to develop a portfolio of work that focuses on personal voice and concepts. Sculpture 3 prepares students for the rigor of AP 3D Studio Art.

ART150 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.

ART160 Advanced Jewelry

Chandler only

Grades: 9, 10, 11, 12 <i>Prerequisite: Beginning Jewelry</i> <i>Fee Required</i>	Semester	½ Credit <i>May be repeated for credit</i>
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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.

PHO100 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.

PHO110 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 <i>May be repeated for credit</i>
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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.

PHO200 Commercial Photography

Perry only

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

DPH101 Digital Photography 1

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 may be taken for Fine Arts credit (DPH101).

This course instructs the basic fundamentals of digital imaging, including capture, editing and 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.

DPH201 Digital Photography 2

Grades: 10, 11, 12 <i>Prerequisite: Digital Photography 1</i> <i>Fee Required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This course may be taken for Fine Arts credit (DPH201).

This one-year course builds on the skills learned in Digital Photography 1 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, and the photo essay. Students will design a photo project and will be expected to exhibit their work.

ART305 AP Studio Art: 2-D Design Portfolio

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.

ART205 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>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. 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.

ART315 AP Studio Art: Drawing Portfolio

ACP, Basha, Casteel, Hamilton and Perry 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. 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.

ART328 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.

ART218 IB Visual Arts HL

Chandler only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: IB Visual Arts SL</i>		<i>May be repeated for credit</i>
<i>Fee required</i>		

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.

ART335 AP History of Art

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

ART170 Drawing and Painting 1

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

ART200 Drawing and Painting 2

Grades: 10, 11, 12 <i>Prerequisite: Drawing and Painting 1</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.

ART210 Drawing and Painting 3

Grades: 10, 11, 12 <i>Prerequisite: Drawing and Painting 2</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.

PHO120 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.

PHO210 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.

TVF208 IB Film 1

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.

TVF308 IB Film 2

Chandler only

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

IB Film II is a continuation of IB Film 1. 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.

TVF230 Film Study 1

Hamilton 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.

TVF240 Film Study 2

Hamilton and Perry only

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Film Study 1 or approval of instructor</i>		

Film Study II is a continuation of the principles of film covered in Film Study 1. 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.

TVF250 Film Study 3

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 1 and 2. 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.

TVF101 Multimedia and Film 1

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

TVF201 Multimedia and Film 2

Grades: 10, 11, 12 <i>Prerequisite: Multimedia and Film 1</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 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 productions including 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, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

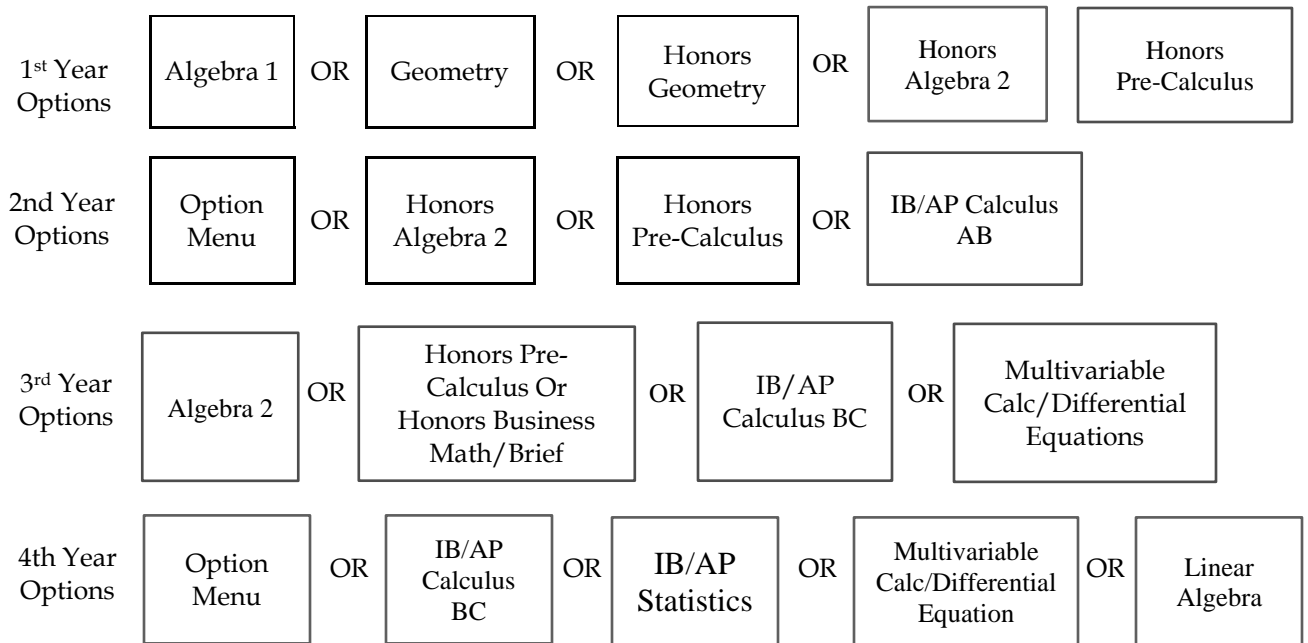
Mathematics

Course Sequence for Graduation

Four (4) credits of Math are required for graduation

Four (4) credits of Math are required for university admission

Each Math course is equivalent to one full credit



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

2 nd Year Options	Geometry	H. Geometry/ H. Algebra 2 (block class)
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**Student placement after the 2nd year will be based on the course(s) successfully completed.

4 th Year Options	Pre-Calc	Math Year 4	College Algebra	Intro to Statistics
	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, IB or AP course throughout their high school career.

Mathematics

MAT150 Pre-Algebra Strategies

Full Year

1 Elective Credit

Pre-Algebra strategies is a yearlong elective class, offering students with pre-algebra math needs, additional services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. This class will address math problem solving skills and math computation skills as they relate to algebra concepts.

MAT120 Essentials Math 1

Grade: 9

Full Year

1 Credit

This course focuses on number sense topics including 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. The course's modified curriculum aligns to grade level standards and provides mathematic activities at student instructional levels.

MAT100 Algebra 1

Full Year

1 Credit

Prerequisite: Pre-Algebra

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.

MAT160 Resource Algebra 1

Full Year

1 Credit

Prerequisite: Pre-Algebra

Resource Algebra 1 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource Algebra 1 uses the Algebra 1 state standards. Resource Algebra 1 moves at an adapted pace and puts more focus on the Algebra 1's major content standards. This course is a full year. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

MAT200 Geometry

Full Year

1 Credit

Prerequisite: Algebra 1

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.

Mathematics

MAT260 Resource Geometry

<i>Prerequisite: Algebra 1</i>	Full Year	1 Credit
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Resource geometry provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource Geometry uses the geometry state standards. Resource Geometry moves at an adapted pace and puts more focus on the geometry's major content standards. This course is a full year. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

MAT220 Essentials Math 2

Grade: 10 <i>Prerequisite: MAT120</i>	Full Year	1 Credit
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This course focuses on number sense topics and includes the concept of using estimation strategies reasonable and fluently. Probability focuses on recording data from a probability experiment and comparing the outcome to predictions made prior to performing the experiment. Shapes and geometric properties will be used to analyze the attributes and properties of two and three-dimensional shapes. Students will practice number sense, applying logic and reasoning to evaluate situations, and select problem-solving strategies. The course's modified curriculum aligns to grade level standards and provides mathematic activities at student instructional levels.

MAT205 Honors Geometry

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

MAT300 Algebra 2

<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.

MAT360 Resource Algebra 2

<i>Prerequisite: Geometry</i>	Full Year	1 Credit
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Resource Algebra 2 provides students with services as outlined in their Individual Education Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource Algebra 2 uses the Algebra 2 state standards. Resource Algebra moves at an adapted pace and puts more focus on the Algebra 2's major content standards. This course is a full year. 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. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

MAT320 Essentials Math 3

Grade: 11 <i>Prerequisite: MAT220</i>	Full Year	1 Credit
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This course is a continuation of MAT220 and an integrated study of mathematics. Students will learn and apply number sense, logic and reasoning to evaluate situations, and select problem-solving strategies. Students will model and solve real-life situations dealing with topics as probability, statistics, algebraic functions, and geometry at students' ability level. The course's modified curriculum aligns to grade level standards and provides mathematics activities at student instructional levels.

Mathematics

MAT305 Honors Algebra 2

	Full Year	1 Credit
<i>Prerequisite: Honors Geometry</i>		

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 and Perry only

	Full Year	2 Credits
<i>Prerequisite: Algebra 1</i>		

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.

MAT478 IB Math Applications SL 1

Chandler only

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

This IB course is for IB Diploma, Career Program or Course candidates who are interested in developing their mathematics for describing our world and solving practical problems. Students who take this course will go on to IB Math Applications SL 2 the following year and take the IB Math Applications SL assessment.

MAT488 IB Math Analysis SL 1

Chandler only

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

IB Math Analysis is for IB Diploma, IB Career Program or IB Course candidates who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and developing strong skills in mathematical thinking. This is part of a two or three year IB math path that leads to the IB Math Analysis SL or IB Math Analysis HL assessment in 12th grade.

MAT340 College Algebra

ACP, Basha, Casteel, Chandler and Hamilton only

	Full Year	1 Credit
<i>Prerequisite: Algebra 2</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.

MAT460 Resource College Algebra

	Full Year	1 Credit
<i>Prerequisite: Algebra 2</i>		

Resource College Algebra provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource College Algebra uses the MCCCDC Official Course Competencies. Resource College Algebra moves at an adapted pace. This course is a full year. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

Mathematics

MAT491 Mathematics Year 4

ACP, Casteel, Chandler, Hamilton and Perry only

	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.

MAT470 Resource Mathematics Year 4

	Full Year	1 Credit
<i>Prerequisite: Algebra 2</i>		

Resource Mathematics Year 4 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource Mathematics Year 4 uses the Algebra state standards and MCCCDC Official Course Competencies. Resource Mathematics Year 4 move as an adaptive pace. This course is a full year. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

MAT320 Essentials Math 4

Grade: 12	Full Year	1 Credit
<i>Prerequisite: MAT320</i>		

This course is a continuation of MAT320 and an integrated study of mathematics. Students will learn and apply number sense, logic and reasoning to evaluate situations, and select problem-solving strategies. Students will model and solve real-life situations dealing with budgeting, consumer skills, measurement, and functional application for daily living. The course's modified curriculum aligns to grade level standards and provides mathematics activities at student instructional levels.

MAT428 IB Statistics

Chandler only

	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.

MAT425 AP Statistics

	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.

MAT430 Introduction to Statistics

ACP, Basha, Casteel and Hamilton only

	Full Year	1 Credit
<i>Prerequisite: Algebra 2 or Pre-Calculus</i>		

The four major conceptual themes that will be studied are data analysis, strategies in planning a study, probability, and statistical inference. Technology, projects, and cooperative group problem solving are an integral part of this course

Mathematics

MAT405 Honors Pre-Calculus

	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.

MAT400 Pre-Calculus

	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.

MAT438 IB Calculus AB

Chandler only

	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.

MAT458 IB HL Mathematics

Chandler only

	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.

MAT435 AP Calculus AB

	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.

MAT465 Honors Business Math and Brief Calculus

Chandler and Perry only

	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

MAT448 IB Calculus BC

Chandler only

	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.

MAT445 AP Calculus BC

	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.

MAT475 Multivariable Calculus and Differential Equations

	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.

MAT485 Linear Algebra and Advanced Math Topics

	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.

MAT450 Math Strategies

	Full Year	1 Elective Credit
<i>Prerequisite: Teacher Recommendation</i>		May be repeated for Credit

Math Strategies is a yearlong elective class, offering students with math needs additional services, as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. This class will address math problem solving skills and math computation skills.

MTE100 Carnegie Math

	Full Year	1 Elective Credit
<i>Prerequisite: Admin Approval Required Concurrently with Algebra 1</i>		

Carnegie Math is for a student requiring extra enrichment, practice and intervention with the Algebra 1 standards. Placement into Carnegie Math aims to provide the student with the extra support, varied teaching methods and supplemental teacher interaction to assist the student with meeting standards. Carnegie Math instructs the student prior to the Algebra 1 curriculum map, providing students with the opportunity to have the material presented multiple times in different ways.

Physical Education

PED440 Co-Ed General Physical Education

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.

PED230 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.

PED240 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.

PE250 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.

PED260 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.

PED270 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.

Physical Education

PED280 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

PED290 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.

PED120 Varsity 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.

PED220 Comprehensive Health

Grades: 9, 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.

PED170 Yoga Fitness

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

Students will learn the skills of various 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.

PED181 Functional Fitness

Chandler and Hamilton only

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

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.

PED130, PED231, PED331 & PED431 Recreation and Leisure 1-4

Grades: 9-12	Full Year	1 Credit
<i>Prerequisite: IEP Team Determination</i>		

This course consists of different activities to help increase knowledge to instill an active, well-developed lifestyle. This includes incorporating physical activities like sports, weightlifting, varies movement and healthy life choices. The course is designed to align with student's identified needs in physical education as outlined in their individualized education plans.

Science

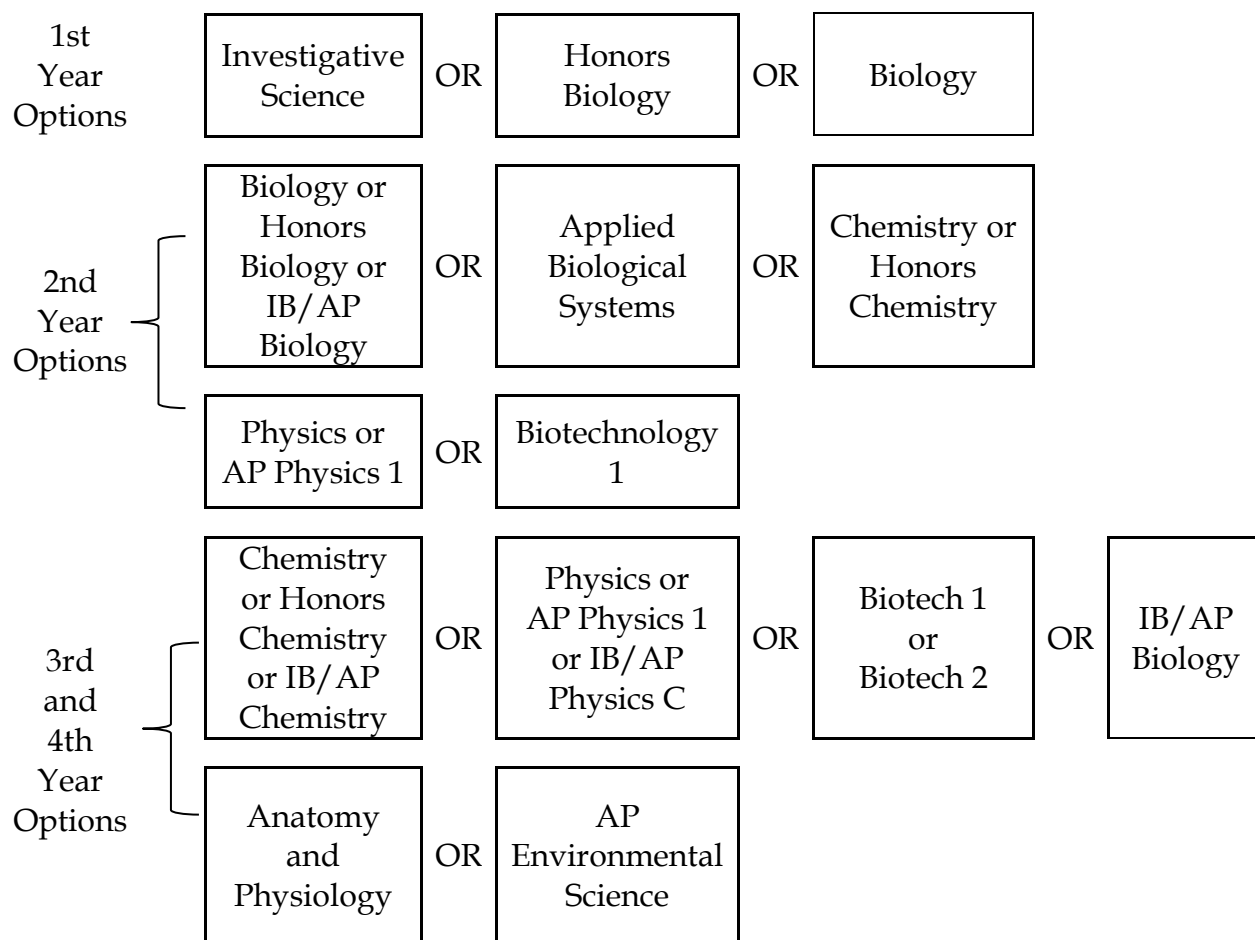
Course Sequence for Graduation

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 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.

SCI100 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.

SCI110 Life Science 1

Grades: 9	Full Year	1 Credit
<i>Prerequisite: IEP Team Determination</i>		

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 science classes. The scientific method is taught with subsequent lab activities. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

SCI200 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.

SCI210 Life Science 2

Grades: 10	Full Year	1 Credit
<i>Prerequisite: SCI110 IEP Team Determination</i>		

This inquiry-based course is designed to study major areas of life and living things. Emphasis is on the major integrating themes of biology. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

SCI205 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.

SCI460 Anatomy and Physiology

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

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.

SCI218 IB Biology 1

Chandler only

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

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.

Science

SCI228 IB Biology 2

Chandler only

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

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.

SCI215 AP Biology

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

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.

SCI300 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.

SCI310 Life Science 3

Grades: 11	Full Year	1 Credit
<i>Prerequisite: SCI210 IEP Team Determination</i>		

The 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, and use of fossil fuels. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

SCI390 Fundamentals of Physical Science

Hamilton only

Grades: 11, 12	Full Year	1 Credit
<i>Pre-requisite: 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.

SCI305 Honors Chemistry

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

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.

SCI315 AP Chemistry

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

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.

SCI308 IB Chemistry 1

Chandler only

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

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.

SCI318 IB Chemistry 2

Chandler only

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

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.

SCI320 Environmental Systems Science

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.

SCI325 AP Environmental Science

ACP, Basha, Casteel, 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.

SCI328 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.

Science

SCI238 IB Sports, Exercise and Health Science

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Pre-requisite: Honors Biology or Honors Chemistry or Anatomy & Physiology</i>		May be offered for Dual Credit

This IB Standard Level course is for IB Program candidates. This course meets the Group 4 (Experimental Sciences) requirement for IB. Students will be exposed to the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition. Students cover a range of topics, carry out experimental investigations in both laboratory and field settings.

SCI400 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.

SCI425 AP Physics 1

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 prepare students for the AP Physics 1 exam.

SCI415 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.

SCI435 AP Physics C: Mechanics and Electricity/Magnetism

ACP, CHS, and Hamilton only

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

This is a second-year course that includes a review of mechanics topics but with applications involving Calculus. Mechanics covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. Second semester study Electricity and magnetism. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. This course is equivalent to the engineering/physics major college-level 2 course sequence and will prepare the student to take both AP exams, Mechanics and Electricity & Magnetism.

SCI418 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.

BIT300 Biotechnology 1

ACP and Basha 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>		

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.

BIT400 Biotechnology 2

ACP and Basha only

Grades: 10, 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 1. 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 one Biological Lab Science credit for Arizona university entrance requirements. Industry certification may be offered in this course which would permit work in a Biotech lab.

SCE405 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

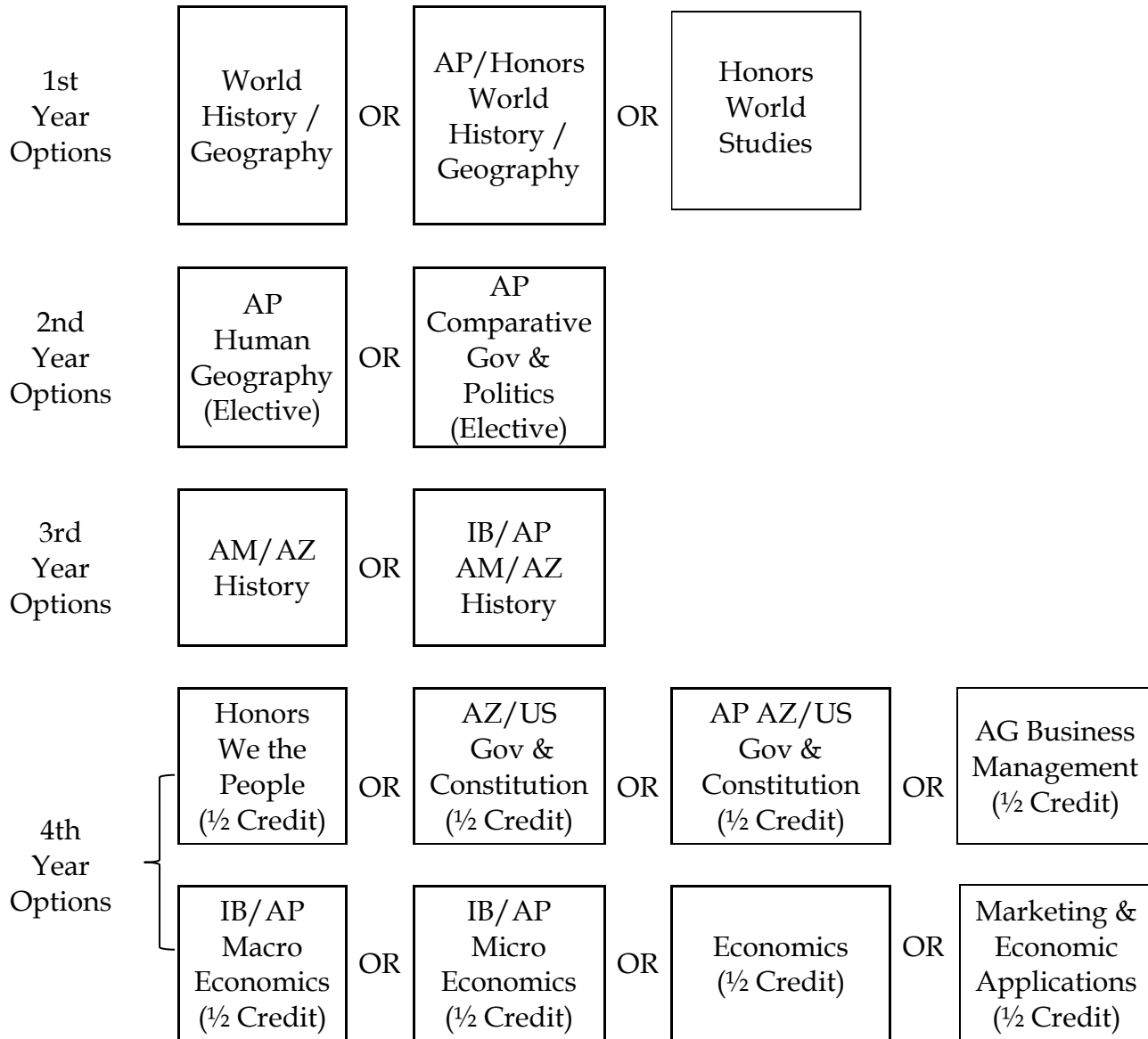
Course Sequence for Graduation

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 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

SOC100 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.

SOC110 Cultures and Community 1

Grade: 9	Full Year	1 Credit
<i>Prerequisite: IEP Team Determination</i>		

This course covers world history and geography from early civilizations to the present. Critical thinking, study skills, problem solving, teamwork, and the integration of all forms of technology will be encouraged. This course also incorporates activities for the development of social skills and conflict resolution. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

SOC105 Honors World History and Geography ACP, Casteel, Chandler and Hamilton 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.

SOC115 AP World History and Geography ACP, Basha, Casteel, Hamilton, 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 Hamilton only

Grades: 9	Full Year	2 Credits-
Honors World History and Honors English 9		

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.

SOC210 Cultures and Community 2

Grade: 11	Full Year	1 Credit
<i>Prerequisite: SOC110 & IEP Team Determination</i>		

This course covers American history from the American Revolution, the founding of the United States to the present. Emphasis is also placed on the 20th century era and exposes students to many political and social movements that shaped American culture. Problem solving, critical thinking, writing, research, geographic skills, cooperative learning activities. This course also incorporates activities for the development of social skills and conflict resolution. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

Social Studies

SSE215 AP Comparative Government and Politics

Chandler and Hamilton only

Grades: 10, 11, 12	Full Year	1 Elective 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 exam.

SSE205 AP Human Geography

Grades: 10, 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: Instructor approval</i>		

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.

SOC300 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.

SOC305 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.

SOC308 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.

SOC310 Cultures and Community 3

Grade: 12	Full Year	1 Credit
<i>Prerequisite: SOC210 & IEP Team Determination</i>		

This civics course consists of studying federal and state governments and their constitutions. The purpose is to instill a basic knowledge and appreciation for our representative form of government and its development. It will enable the students to think in terms of government, paying attention to related current events. Students will acquire knowledge of their responsibility as a citizen. Additionally, students will learn interpersonal social emotional skills as it relates to being a successful member of one's community. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

Social Studies

SSE405 Honors We the People

Casteel, Hamilton and Perry only

Grades: 12	Semester/Year	½ Elective Credit or ½ Government 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.

SOC400 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.

SOC448 IB History Higher Level

Chandler only

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

This course is for highly motivated students who plan to take the IB 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.

SOC405 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.

SOC420 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.

SOC425 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.

SOC435 AP Microeconomics

ACP Only

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 is a rigorous course designed to prepare students for the AP and/or IB exam. TOK curriculum will be incorporated during the school year.

Social Studies

SOC428 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.

SOC438 IB Microeconomics / MYP

Chandler only

Grades: 10, 11, 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 IB examination. TOK curriculum will be incorporated during the school year.

SOC458 IB US/AZ Government / MYP

Chandler only

Grades: 10,11,12	Semester	½ Credit
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This course is for sophomore IB MYP students who plan to continue in the IB Program. The course will address multiple aspects of the IB Middle Years Program such as global contexts and IB MYP related concepts of consumption, equity, growth, causality, culture, and perspective. The course will also focus on an appreciation of our representative form of government and its development. Students will be able 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 in the community, state, and nation. The goal would be to help students realize the significance our American heritage and democracy.

ELE370 Financial Literacy and Personal Finance

Grades: 10, 11, 12	Semester	½ Elective Credit
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This course will cover key concepts relating to personal finance, state standards, and economic systems. Personal finance instruction leads to increased knowledge of financial products, more effective budgeting, and more opportunities to build a financially secure future.

SSE300 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.

SSE400 Psychology 101

Chandler only

Grades: 11, 12	Full Year	1 Elective Credit
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Prerequisite: May be offered for dual enrollment

This course provides the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal.

SSE310 Developmental Psychology

Chandler only

Grades: 10, 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 Studies

SSE320 Social Psychology

Basha and Chandler only

Grades: 10, 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

SSE315 AP Psychology

Grades: 10, 11, 12	Full Year	1 Elective Credit 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.

SSE318 IB Psychology Standard Level

Grades: 11, 12	Full Year	1 Elective Credit May be offered for Dual Credit
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This course aims to develop an awareness of how research findings can be applied to better understand human behavior and how ethical practices are upheld in psychological inquiry. Students learn to understand the biological, cognitive and sociocultural influences on human behavior and explore alternative explanations of behavior. They also understand and use diverse methods of psychological inquiry.

SSE120 Student Council

Grades: 9, 10, 11, 12 <i>Prerequisite: Election or Selection</i>	Full Year	1 Elective Credit <i>May be repeated for credit</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.

SSE330 Criminal Justice

Casteel, Chandler, Hamilton and Perry only

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

SSE140 Current Events

Basha, and Chandler only

Grades: 9, 10, 11, 12	Semester	½ Elective Credit May be offered for Dual Credit
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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.

SSE210 Historical Studies: Cold War

Chandler and Perry only

Grades: 10, 11, 12	Semester	½ Elective Credit
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This course will explore the origins of the Cold War from its development in 1945 to the collapse of the Soviet Union in 1991.

Social Studies

SSE200 US Military History

Casteel only

Grades: 10, 11, 12	Semester	½ Elective Credit
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This course will give students an opportunity to explore US Military History through three different eras, spanning first from the French and Indian War to finally the current Global War on Terrorism. Students will look more closely and study the impact the US Military had on each event/war. In addition to learning the strategic approach the US Military used throughout the covered history, students will learn to appreciate self-discipline and intellectual curiosity through stories of those who have served in the military as told by guest speakers and documentary accounts.

ELE420 Physical Anthropology & Archaeology

Casteel only

Grades: 10, 11, 12	Semester	½ Elective Credit
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Prerequisite: World History

This class will begin by looking at different evolutionary theorist and their ideas regarding natural selection in plants and animals. Students will study early human ancestors and their relationships to modern primates and humans. Looking at the science behind genetic inheritance, students will study how different traits are passed down from parent to child and how each individual becomes who they are. Students will then circle back and study the basic techniques and principles of archaeology, focusing on early humans and early human civilizations. Students will learn, in hand-on experiences, different excavation practices: the steps archeologists take to prepare a dig site, how to excavate an artifact, and how to categorize and classify an artifact.

ELE430 Cultural Anthropology & Linguistics

Casteel only

Grades: 10, 11, 12	Semester	½ Elective Credit
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Prerequisite: World History

This class will begin by addressing the development of Anthropology as an academic discipline, analyzing the principles created by its founders. Students will learn about the different methods for observing human behavior and culture, and will conduct their own research on a population of their choice. Different topics and debates in cultural Anthropology will also be reviewed and discussed. In addition, students will learn how humans develop and use language as part of their cultural identity. Students will have the opportunity to conduct their own fieldwork study on language variations within their communities.

SSE220 US History: The Mexican American Experience

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

This is a college-level course designed to engage students through inquiry into the rich and diverse past of American history. It will examine the origins and development of Spanish-American and Mexican-American peoples and their contributions to the culture, history, and development of the United States.

SSE230 US History: The African American Experience

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

This is a college-level course designed to engage students through inquiry into the rich and diverse past of American history. Students will develop an understanding of the role and contributions of African Americans to the growth and development of the United States.

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 Honors 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 for prerequisites and specific offerings at each high school.

Junior High			Spanish 1		
1st Year Options	Language Year 1	OR	Spanish 2	OR	Honors Camino Literarios (Courses for native Spanish speakers)
2nd Year Options	Language Year 2	OR	Honors Spanish 3	OR	AP Caminos
3rd Year Options	Language Year 3	OR	IB/AP Spanish 4	OR	AP La Herencia
4th Year Options	IB/AP Language Year 4	OR	IB/AP Spanish 5	OR	IB/AP Spanish 6

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

ASL100 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.

ASL200 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.

ASL305 Honors American Sign Language 3

ACP, Basha, Casteel and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: American Sign Language 2 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.

ASL405 Honors American Sign Language 4

ACP, Basha, Casteel and Perry only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: American Sign Language 1, 2, and 3 or Instructor Approval</i>		

This class will give students insight into careers that use ASL and give them opportunities to develop more in-depth vocabulary through the study of multiple meaning words and English and ASL idioms and use of classifiers. In addition, students will begin practicing interpreting in and out of class and with practice voiced passages.

FRE100 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.

FRE200 French 2

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: French I or equivalent course</i>		

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.

FRE305 Honors French 3

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: French 2 or equivalent course</i>		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.

World Language

FRE405 AP French Language and Culture [Year 4]

Basha, Casteel, Hamilton and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: French 3 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 French culture. There is a strong focus on applying knowledge of the language to real-life situations

FRE418 IB 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.

FRE425 AP French Language and Culture [Year 5]

Basha, Casteel, 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.

FRE428 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.

FRE435 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.

FRE 438 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.

GER100 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

GER200 German 2

Casteel, 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.

GER305 Honors German 3

Casteel, 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.

GER405 AP German Language and Culture [Year 4]

Casteel, 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.

GER408 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.

GER415 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.

GER418 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

SPA100 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.**

SPA200 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.**

SPA305 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.**

SPA405 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.

SPA408 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.

SPA425 AP Spanish Language and Culture [Year 5]

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: AP Spanish 4</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.

SPA428 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

SPA445 AP Spanish Literature and Culture [Year 6]

ACP, Basha, Casteel, and Perry Only

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

SPA448 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.

SPA115 Honors 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.

SPA205 AP Spanish Language and Culture [Caminos Literarios]

Chandler and Hamilton only

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Honors 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.

SPA315 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.

CHI100 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

CHI200 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.

CHI305 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.

CHI405 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.

CHI425 AP Chinese Language and Culture [Year 5]

ACP, Basha, Casteel 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.

CHI435 AP Chinese Language and Culture [Year 6]

ACP and Casteel only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: AP Chinese Language and Culture [Year 5]</i>		

This course is designed to help AP Year 5 advance placement learners progress at the advanced level in a two-semester curriculum. This targeted language level is comparable to that of a fifth-semester college Chinese course. The course emphasizes literary Chinese and more formal registers of Chinese. Topics covered may include classical and modern literature, history, culture, news, and Chinese for professions.

Miscellaneous Courses

ENE315 AP Seminar (Year 1 of AP Capstone)

ACP, Basha, Casteel and Hamilton only

Grades: 10, 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 and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter.*

ENE405 AP Research (Year 2 of AP Capstone)

ACP, Basha, Casteel and Hamilton only

Grades: 11, 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. *AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter.*

ELE210 Student Aide

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

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.

ELE220 Peer Facilitator

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Instructor approval</i>		Pass/Fail grade only <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.

ELE230 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 9th 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.

Miscellaneous Courses

AVD110 AVID

ACP, CCHS, CHS, HHS and PHS only

Grades: 9, 10, 11, 12 (<i>Varies by site</i>)	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.

ELE240 Avid Tutors

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Avid Instructor approval</i>		Pass/Fail grade only <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.

RDE100 READ 180

Grades: 9, 10, 11, 12	No Credit
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This course is a blended learning intervention program that is designed to improve students' reading skills. READ 180 focuses on building reading comprehension, academic vocabulary, and writing skills. Within the course, student will receive support in the five essential components of effective reading: phonemic awareness, phonics, fluency, vocabulary, and comprehension. Student data will be used to differentiate instruction as needed during the course's station rotations.

RLT100 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.

ELE338 IB Personal and Professional Skills

Chandler only

Grades: 11, 12	Year	½ Credit
<i>Prerequisite: Required for IBCP students</i>		

This course 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.

SSE308 IB Theory of Knowledge

Chandler only

Grades: 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: Recommended for IB students</i>		<i>May be taken as Fine Arts credit</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.

Miscellaneous Courses

EGR100 Engineering 102

Hamilton only

Grade: 11, 12	Full Year	1 Elective Credit <i>May be offered Dual Credit</i>
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Students learn about opportunities in various engineering fields and experience how engineers improve people's lives. In addition to the solar oven project, catapults and paper helicopter design and build, high school teachers and their students select additional topics to study throughout the school year. For example, solar go-karts, cellphone chargers, robotics, Balsa wood bridges, Arduino microprocessor activities, duct tape canoes, Neuro Engineering projects, Design and build a Biomechanical hand or model an artificial heart valve, design for artificial bone growth.

CSC110 Robotics

ACP, Casteel and Chandler only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Elective Credit <i>May be repeated for credit</i>
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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, 11th and 12th grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

ELE440 Skills Strategies

Grades: 9, 10, 11, 12 <i>Prerequisite: Teacher Recommendation</i>	Full Year	1 Elective Credit <i>May be repeated for Credit</i>
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Skills Strategies is a yearlong elective class, offering students with social emotional needs additional services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. This class will address executive functioning skills, and social/emotional skills.

ELE160 Life Skills 1

Grades: 9 <i>Prerequisite: IEP Team Determination</i>	Full Year	1 Credit
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This course consists of life skills curriculum and activities to help students develop the important practical strengths they will need outside the classroom. This includes transition-readiness skill areas of daily living and social strategies. The course is designed to align with student's identified needs in life skills as outlined in their individualized education plans

ELE261 Life Skills 2

Grades: 10 <i>Prerequisite: IEP Team Determination</i>	Full Year	1 Credit
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This course consists of life skills curriculum and activities to help students develop the important practical strengths they will need outside the classroom. This includes transition-readiness skill areas of communication, daily living, and social strategies. The course is designed to align with a student's identified needs in life skills as outlined in their individualized education plans.

ELE361 Life Skills 3

Grades: 11 <i>Prerequisite: IEP Team Determination</i>	Full Year	1 Credit
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This course consists of life skills curriculum and activities to help students develop the important practical strengths they will need outside the classroom. This includes transition-readiness skill areas of communication, self-advocacy, daily living, and social strategies. The course is designed to align with student's identified needs in life skills as outlined in their individualized education plans.

Miscellaneous Courses

ELE461 Life Skills 4

Grades: 12	Full Year	1 Credit
<i>Prerequisite: IEP Team Determination</i>		

This course consists of life skills curriculum and activities to help students develop the important practical strengths they will need outside the classroom. This includes transition-readiness skill areas of communication, self-advocacy, daily living, employability, and social strategies. The course is designed to align with student's identified needs in life skills as outlined in their individualized education plans.

ELE120 Workplace Exploration 1

Grades: 10- 12	Full Year	1 Credit
<i>Prerequisite: IEP Team Determination</i>		

The course consists of exploring different careers, how to get and maintain a job, and the steps to complete the skills needed to become employed. This course includes life skills, communication, and self-advocacy skill development and awareness. Through the exploration of different careers of interests there will be activities that include resume writing, completing job applications, learning different job expectations, and interviewing skills. This allows for further knowledge in identifying strengths and needs as an individual looking for employment.

ELE220 Workplace Exploration 2

Grades: 10- 12	Full Year	1 Credit
<i>Prerequisite: Workplace Exploration 1/IEP Team Determination</i>		

This course provides a location work experience on and/or off campus throughout the school day. This course provides students with invaluable, hands-on training in locations that are throughout the Chandler community. Location work experiences for Community-Based Learning (CBI) are determined by the site and program.

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CHANDLER ONLINE ACADEMY



Course Catalog 2022-2023

1205 E. Frye Rd.
Building B
Chandler, AZ 85225
<http://cusd80.com/Domain/4364>



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General Information

Starting with a foundation of evidence-based e-learning software created by experts in K-12 educational technology, CUSD's experienced curriculum development specialists and Chandler Online Academy's experts in online instruction have teamed together to evaluate, supplement, and enhance our digital courses to ensure they are aligned to Arizona State and National Common Core Standards. Our online courses exhibit the educational quality and standards of excellence that are characteristic of CUSD.

Combining tested and proven digital courseware with CUSD's experience, values, and commitment to educational excellence, Chandler Online Academy is able to ensure our students will have access to educational excellence and exceptional support in a format and setting that will fit their lifestyle and learning needs. By choosing to enroll in Chandler Online Academy, students and parents can have confidence in the quality of the e-learning experience students will receive.

Course Credits

All online high school courses offered by Chandler Online Academy are worth .5 credit that can be applied toward graduation. Each .5 credit course is designed to be completed 18 weeks and will require 75-100 hours of study and learning activity time for a student to complete all coursework and earn credit. Students must complete all prerequisites listed for courses prior to registering.

One-half unit of credit is granted to students who receive a passing grade in a one-semester course. Junior high courses and courses taken by students enrolled in a grade level below 9th grade cannot be used for high school credit. High school math, science, and world languages 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 per semester. Seniors are required to take four credit bearing courses per semester and need to review their credits with a counselor to ensure that all graduation requirements are being met. Special Education Students are required to complete the course of study as prescribed in their Individual Education Plan (IEP).

Non-Weighted Classes

All courses taught for credit receive a letter grade or pass/fail option. To earn a passing grade and receive credit, students must take the final exam in a designated proctored testing environment and score 60%* or higher on the proctored final exam.

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 or AP (Advanced Placement) designations in their titles. Grade point average (GPA) for transferring students is recomputed 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.

Advanced Placement Courses

Advanced Placement (AP) courses are available at all CUSD high schools. AP courses prepare students to take the national AP examination given in late spring of each school year. This examination fee is the only fee associated with taking AP courses. Students may be granted Advance Placement status and/or college credit based on 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 AP course to be eligible to take an advanced placement examination; however, students enrolled in AP courses are expected to take the AP exam. For part-time and tuition-payer students there may be an additional required e-book fee associated for class.

Classes Taken a Second Time for Grade Replacement and/or Credit Recovery

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 the GPA calculations; however, both classes will be listed on the official transcript.

Acceptance of Transfer Credits

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 <http://www.boarddocs.com/az/chandler/Board.nsf>

Acceptance of Transfer Grades

For mid-year student transfers, transfer grades will not convey, and all students will be required to complete each course in its entirety. Mid-year student transfer will work with their assigned Chandler Online Academy counselor to determine the appropriate number of courses to be enrolled in until the end of semester.

Online Course Fees

Online courses taken in addition to a full schedule of 6 classes per semester must be purchased prior to starting the course/s. Tuition-Payer students taking an online course for credit recovery or grade replacement will be assessed the course fee. Any student or family not able to pay these fees because of economic hardship should contact the principal of the school at which they take the majority of their scheduled classes.

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 of each day 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 on EVIT's website: www.evit.com/programs/

Junior High Courses

Junior High Language Arts

7th Grade Language Arts

(Semester 1: **ENG700A** or Semester 2: **ENG700B**)

***Honors Available:**

(Semester 1 Hon: **ENG705A** or Semester 2 Hon: **ENG705B**)

In this course, students will read, listen to, and analyze stories. They will read various texts, such as newspapers and novels, in addition to discovering their own ability to write.

Prerequisites: Recommended for 7th Grade

Credits: Junior High 0.5 credits per semester

8th Grade Language Arts

(Semester 1: **ENG800A** or Semester 2: **ENG800B**)

***Honors Available:**

(Semester 1 Hon: **ENG805A** or Semester 2 Hon: **ENG805B**)

The purpose of this course is to give students the tools to understand and express themselves through writing. By the end of the course, students will have completed a portfolio of their original writings.

Prerequisites: Recommended for 8th Grade

Credits: Junior High 0.5 credits per semester

Junior High Mathematics

7th Grade Mathematics

(Semester 1: **MAT700A** or Semester 2: **MAT700B**)

***Advanced students take 8th grade Pre-Algebra**

This course gives students opportunities to create, investigate, and demonstrate knowledge through animations, applications, videos, games, and real-world scenarios.

Prerequisites: Algebra

Credits: Junior High 0.5 credits

Pre-Algebra (8th grade Math)

(Semester 1: **MAT800A** or Semester 2: **MAT800B**)

***Advanced students take 9th grade Algebra 1**

Students will love this hands-on math course. Through engaging exercises and assessments students will gain a true understanding of higher-level concepts, such as systems of equations and central tendencies.

Prerequisites: Recommended for 8th Grade

Credits: Junior High 0.5 credits

Junior High Science

7th Grade Science

(Semester 1: **SCI700A** or Semester 2: **SCI700B**)

***Advanced students take 8th grade Science**

In this course, students explore the foundations of science, energy, Earth and its features; Earth's internal and external structures and how they change; Earth's history, living things, and how they change and interact; and genetics, heredity, and the organization of living organisms.

Prerequisites: Recommended for 7th Grade

Credits: Junior High 0.5 credits

8th Grade Science

(Semester 1: **SCI800A** or Semester 2: **SCI800B**)

***Advanced students take 9th grade Science**

The course introduces new information and reviews some science basics to prepare students for high school science coursework. Topics covered in this course include: the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.

Prerequisites: Recommended for 8th Grade

Credits: Junior High 0.5 credits

Junior High Social Studies

7th Grade Social Studies

(Semester 1: SOC700A or Semester 2: SOC700B)

Honors Available:

(Semester 1: SOC705A or Semester 2: SOC705B)

In this course, students will research the cultural and natural landscapes of the regions they visit. They will then design their own theme park offering a multicultural understanding of our world's diverse people and places.

Credits: Junior High 0.5 credits per semester

8th Grade Social Studies

(Semester 1: SOC800A or Semester 2: SOC800B)

Honors Available:

(Semester 1: SOC805A or Semester 2: SOC805B)

In this course, students will discover that history is full of adventure, colorful characters, and complex plots. Each complex plot will be different and will highlight an important story from our nation's past.

Credits: Junior High 0.5 credits per semester

Junior High Electives

Junior High Physical Education

Comprehensive PE- Grade 7

(one semester course: PED700)

This interactive, highly animated course helps students learn safety rules for exercise, how to improve skills, and how to establish and accomplish goals. It also provides an overview of many dual, team, extreme, and outdoor sports.

Credits: Junior High 0.5 credits

Comprehensive PE- Grade 8

(one semester course: PED800)

Practicing game strategy to improve the chance of winning in competition, improving sport skill and performance, diversity in sports, nutrition, peer pressure, and making good choices balance out the topic's students discover in this course. Fitness logs help students monitor physical activities. Students will complete projects that lead to the knowledge, skills, and values they need to implement and maintain a physically active lifestyle.

Credits: Junior High 0.5 credits

Junior High World Languages

Beginning Spanish

(Semester 1: SPA701A or Semester 2: SPA701B)

In this course, students will learn basic Spanish phrases and vocabulary through interactive lessons that will include images, recordings, and videos.

Credits: Junior High 0.5 credits per semester

Intermediate Spanish

(Semester 1: SPA702A or Semester 2: SPA702B)

In this course, students will journey with our student traveler, Cristina, to Spain, Puerto Rico, Columbia, and Argentina. Cristina will share her experiences as students learn how to speak Spanish in many useful situations. New words and phrases will be introduced with pictures, audio clips, and videos. Students will learn how to greet people, introduce themselves, and speak about their family, home, food, sports, and more through interactive activities, reading, writing, listening, and speaking exercises.

Prerequisites: Beginning Spanish

Credits: Junior High 0.5 credits per semester

Spanish 1

(Semester 1: SPA100A or Semester 2: SPA100B)

Students will learn basic Spanish grammar to help build their fluency and understanding. There are many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, listening, and speaking exercises.

Prerequisites: Grades 9-12 or Admin Approval

Credits: 0.5 credits per semester

Junior High General Electives

Junior High Career Exploration I

(Semester 1: ELE750A or Semester 2: ELE750B)

In Career Exploration, you will explore careers in over fifteen different career areas. From the energy field to human resources and from law to transportation, you will learn more about what careers are available and what you need to do to get there. In addition, you will examine how to choose the career that is best for you based on your own unique personality and interests as well as how you can begin developing your leadership skills now. Career Exploration will help you prepare for your future now.

Credits: Junior High 0.5 credits per semester

Junior High Career Exploration II

(Semester 1: ELE760A or Semester 2: ELE760B)

Imagine that it is 20 years from now. What career do you see yourself in? What do you imagine that you will be doing? Will you be fighting forest fires or engineering the next rocket into space? With all the careers available, it can be difficult to narrow them down. In Middle School Career Explorations 2 we will explore more careers and what they take to succeed. You will learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices. Finally, you will get the chance to try out parts of different careers to see if you are a perfect fit.

Credits: Junior High 0.5 credits per semester

Junior High Digital Art and Design

(Semester 1: ART740A or Semester 2: ART740B)

There are so many different types of art in this world—fine art, classical art, visual art—but the impact of digital art and design is all around us, often in ways that you probably are not even aware of! After taking Digital Art and Design, you will enjoy a deeper understanding and appreciation for all things digital as you explore this special genre of art found in everything from advertising to animation to photography and beyond. In this course, you will learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, you will create your own digital art and make it come alive. Give your creative side a boost with this Digital Art and Design course.

Credits: Junior High 0.5 credits per semester

Junior High Journalism

(Semester 1: ELE770A or Semester 2: ELE770B)

Are you someone who likes to get the story straight? Do you always want to know more? Who? What? When? Where? How? These are the details that make for a great story. Knowing how to find these key facts and then write them up in a way that makes it easy for others to read about it is the skill of a true journalist. In Middle School Journalism: Tell Your Story, you will learn how ask the right questions, look for the details, and find the story in any situation. You will learn how to gather information effectively, organize ideas, format stories for media production, and edit your articles. Get ready to break that news.

Credits: Junior High 0.5 credits per semester

Junior High Music Exploration

(Semester 1: ELE780A or Semester 2: ELE780B)

What comes to mind when you hear the word 'music'? Do you think about your favorite band or artist? Do you think about instruments and scales and chords? The word 'music' means something different to everyone. This is why in Exploring Music there is a little bit of something for everyone! You will learn about how we hear music and how music affects our lives. You will explore important elements of music like rhythm, pitch, and harmony, as well as different musical genres. You will discover more about your singing voice and musical instruments and composition while taking in the history and culture of music over the years. Tune up your understanding and appreciation for all things music by signing up for this course.

Credits: Junior High 0.5 credits per semester

Junior High Photography

(Semester 1: PHO700A or Semester 2: PHO700B)

This course introduces students to the basics of photography, including camera functions and photo composition. Students will learn what it takes to create a good photograph and how to improve photographs of animals, people, and vacations. They will also begin working with their photographs using photo-editing software. Through a variety of assigned projects, students will engage their creativity by photographing a range of subjects and learning to see the world through the lens of their cameras.

Credits: Junior High 0.5 credits per semester

High School Courses

High School English

English 9

(Semester 1: ENG100A or Semester 2: ENG100B)

***Honors Available:**

(Semester 1 Hon: ENG105A or Semester 2 Hon: ENG105B)

In this course, students will gain language arts skills by reading literature, writing, listening, viewing, and speaking. They will learn to use the English language successfully to express themselves.

Credits: 0.5 credits per semester

English 10

(Semester 1: ENG200A or Semester 2: ENG200B)

***Honors Available:**

(Semester 1 Hon: ENG205A or Semester 2 Hon: ENG205B)

Students will be exposed to various forms of communication, including verbal, visual, and audio. In addition to evaluating the plot and characters of well-known writers, students will learn to identify themes, create dialogue, and appeal to emotions through their writing.

Prerequisites: English 9

Credits: 0.5 credits per semester

English 11

(Semester 1: ENG300A or Semester 2: ENG300B)

In this course, the writing, and insights of authors throughout history are collected in a fictitious newspaper called "The Virtual Times." Students will gain an appreciation of American literature and learn about the times in which it was written.

Prerequisites: English 10

Credits: 0.5 credits per semester

AP English Language and Composition

(Semester 1: ENG305A or Semester 2: ENG305B)

Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. They will gain understanding of the interactions between writer's purposes, audience expectations, and subjects.

Prerequisites: English 9 and 10

Credits: 0.5 credits per semester

English 12

(Semester 1: ENG400A or Semester 2: ENG400B)

In this course, students will be asked to choose pieces of literature that interest them, analyzing the subject matter, and persuasively expressing their own ideas.

Prerequisites: English 11

Credits: 0.5 credits per semester

AP English Literature and Composition

(Semester 1: ENG405A or Semester 2: ENG405B)

In this course, students will develop critical standards for the appreciation of literary works and increase their sensitivity to literature as shared experiences.

Prerequisites: English 9, 10, & 11

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

High School Mathematics

Algebra I

(Semester 1: MAT100A or Semester 2: MAT100B)

This course contains the basic knowledge students need for all high school math courses. Students will understand the practical use of algebra with hundreds of real-world examples.

Prerequisites: Pre-Algebra (8th Grade Math)

Credits: 0.5 credits per semester

Geometry

(Semester 1: MAT200A Semester 2: MAT200B)

***Honors Available:**

(Semester 1 Hon: MAT205A or Semester 2 Hon: MAT205B)

In this course, students will learn about points, lines, and planes. They will learn about shapes and gain an understanding of how geometry affects the world around us.

Prerequisites: Algebra I

Credits: 0.5 credits per semester

Algebra II

(Semester 1: MAT300A or Semester 2: MAT300B)

***Honors Available:**

(Semester 1 Hon: MAT305A or Semester 2 Hon: MAT305B)

Starting with a review of basic algebra, students will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics.

Prerequisites: Geometry or Honors Geometry

Credits: 0.5 credits per semester

College Algebra

(Semester 1: MAT340A or Semester 2: MAT340B)

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.

Prerequisites: Algebra II

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

Pre-Calculus

(Semester 1: MAT400A or Semester 2: MAT40B)

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

Prerequisites: Algebra II

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

Honors Pre-Calculus

(Semester 1: MAT405A or Semester 2: MAT405B)

Students, as mathematical analysts, investigate how advanced mathematics concepts are used to solve problems encountered in operating national parks. As students venture from algebra to trigonometry, they analyze and articulate the real-world application of these concepts. The purpose of this course is to study functions and develop skills necessary for the study of calculus. This course includes algebra, analytical geometry, and trigonometry.

Prerequisites: Algebra 2 or Honors Algebra 2

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

AP Statistics

(Semester 1: MAT425A or Semester 2: MAT425B)

This course is designed to provide college-level instruction on the concepts and tools for working with data. Students collect and analyze data and draw conclusions based on real-world information. The course challenges students to explore patterns, think critically, use a variety of tools and methods, and report their findings and conclusions.

Prerequisites: Algebra 2 or Pre-calculus or Honors Pre-Calculus

Credits: 0.5 credits per semester

AP Calculus AB

(Semester 1: MAT435A or Semester 2: MAT435B)

This course consists of a full high school year of work that is comparable to college and university calculus courses. Taking this course will help prepare students for the Calculus AB Advanced Placement® Exam.

Prerequisites: Pre-calculus or Honors Pre-Calculus

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

AP Calculus BC

(Semester 1: MAT445A or Semester 2: MAT445B)

This course consists of a full high school year of work that is comparable to college and university calculus courses. Taking this course will help prepare students for the Calculus BC Advanced Placement Exam.

Prerequisites: Calculus AB or Honors Pre-Calculus or Brief Calculus

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

High School Science

Investigative Science

(Semester 1: SCI100A or Semester 2: SCI100B)

This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, and chemical bonding and reactions. This course will provide a foundation for the study of the physical sciences.

Prerequisites: Grade 9 OR Admin Approval

Credits: 0.5 credits per semester

Biology

(Semester 1: SCI200A or Semester 2: SCI200B)

***Honors Available:**

(Semester 1 Hon: SCI205A or Semester 2 Hon: SCI205B)

This course provides an in-depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. Students will be introduced to the structure, function, diversity, and evolution of living organisms.

Prerequisites: Grade 9, 10 OR Admin Approval; Investigative Science

Credits: 0.5 credits per semester

AP Biology

(Semester 1: SCI215A or Semester 2: SCI215B)

This challenging course is designed to provide a college-level experience. Over two semesters, students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering Biology concepts.

Prerequisites: Grades 10, 11 or 12; Chemistry

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

Chemistry

(Semester 1: SCI300A or Semester 2: SCI300B)

***Honors Available:**

(Semester 1 Hon: SCI305A or Semester 2 Hon: SCI305B)

This course is designed to serve as a foundation for the study of Chemistry and includes scientific inquiry, interactive experiences, higher order thinking, collaborative projects, real world application, and a variety of assessments.

Prerequisites: Grades 10, 11 or 12; Geometry and Biology

Credits: 0.5 credits per semester

Physics

(Semester 1 & 2) (Semester 1: SCI400A or Semester 2: SCI400B)

In this course, students discover the contributions of geniuses like Galileo, Newton, and Einstein by learning about the concepts, theories, and laws that govern the interaction of matter, energy, and forces.

Prerequisites: Grades 10, 11 or 12; Geometry and Biology

Credits: 0.5 credits per semester

Anatomy and Physiology

(Semester 1: SCI460A or Semester 2: SCI460B)

Explore the organization of the human body and how it works. Acquire knowledge necessary to understand what the body is doing and how you can help the body cope with many different situations. Body systems will be studied in order to understand how their structure, location, and function allow for interaction with other parts of the body.

Prerequisites: Grades 11 or 12; Biology and Chemistry

Credits: 0.5 credits per semester

High School Social Studies

World History/Geography

(Semester 1: SOC100A or Semester 2: SOC100B)

***Honors Available:**

(Semester 1 Hon: SOC105A or Semester 2 Hon: SOC105B)

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.

Prerequisites: Grades 9, 10, 11 or 12

Credits: 0.5 credits per semester

AP World History/Geography

(Semester 1: SOC115A or Semester 2: SOC115B)

This course covers world history and geography from early civilization to 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. This course prepares the students to take the AP World History Exam.

American/Arizona History

(Semester 1: SOC300A or Semester 2: SOC300B)

***AP Level Course Available (see description below)**

In this course, students will investigate the people, events and ideas that have shaped the United States from the end of the Civil War through today. Students are asked to analyze and evaluate decisions made by political, business and military leaders. Emphasis is placed on connections between events of the past and present. This course also gives students the opportunity to conduct research and apply their learning to current, real-world problems.

Prerequisites: Grades 11, 12

Credits: 0.5 credits per semester

AP American/Arizona History

(Semester 1: SOC305A or Semester 2: SOC305B)

Within AP Am/AZ History, students will develop and use historical thinking skills (chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation and synthesis) to examine the history of the United States from 1491 to the present.

Prerequisites: Grades 11, 12; Instructor recommendation

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

American Government

(One semester course: SOC400A)

***AP Level Course Available (see description below)**

Students will take on the role of a Washington, D.C. intern and spend time working throughout the nation's capital with all three branches of government. They will gain a greater understanding of the country's beginnings, and how the government functions at different levels.

Prerequisites: Grade 12

Credits: 0.5 credit semester course

AP American Government

(One semester course: SOC405)

Lights, Camera, Action" ...Prepare to study the intricacies of American Political Culture. The script is written, and the actors participate daily in the drama of American politics. You will be "on location" to delve into primary source documents. You will go behind the scenes with stars such as the President, Congress people, and Supreme Court Justices. You will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. Finally, you will witness the large- scale production of policy building in the areas of economic/social policy, foreign policy, and public administration.

Prerequisites: 12th grade; Instructor recommendation

Credits: 0.5 credit semester course *e-book fee for part-time and tuition paying students

Economics

(One semester course: SOC420)

***AP Level Course Available (see description below)**

The purpose of this course is to help students become more informed consumers, producers, investors, and taxpayers. Students are shown how their choices directly affect their future.

Prerequisites: Grades 12

Credits: 0.5 credit semester course

AP Macroeconomics

(One semester course: SOC425A)

Understand the choices you make as a producer, consumer, investor, and taxpayer. This course provides you with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. This course meets the Economics high school graduation requirement.

Prerequisites: Grade 12; Instructor recommendation

Credits: 0.5 semester course

High School Electives

World Languages

Spanish 1

(Semester 1: SPA100A or Semester 2: SPA100B)

Students will learn basic Spanish grammar to help build their fluency and understanding. There are many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, listening, and speaking exercises.

Prerequisites: Grades 9-12 or Admin Approval

Credits: 0.5 credits per semester

Spanish 2

(Semester 1: SPA200A or Semester 2: SPA200B)

This course will strengthen Spanish listening, speaking, reading, and writing skills. Students will also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

Prerequisites: Grades 9-12 or Admin Approval and Spanish 1

Credits: 0.5 credits per semester

Honors Spanish 3

(Semester 1: SPA305A or Semester 2: SPA305B)

In this course, students will have many opportunities to perfect the Spanish they learned. They will have the chance to further expand their vocabulary and learn about Spanish-speaking countries.

Prerequisites: Grades 9-12 and Spanish 2.

Credits: 0.5 credits per semester

AP Spanish Language and Culture (Year 4)

(Semester 1: SPA405A or Semester 2: SPA405B)

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.

Prerequisites: Grades 10, 11, or 12 and Spanish 3 or equivalent study or instructor approval.

Credits: 0.5 credits per semester

French 1

(Semester 1: FRE100A or Semester 2: FRE100B)

Students will learn basic French grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, and listening and speaking exercises.

Prerequisites: Grades 9-12 or Admin Approval

Credits: 0.5 credits per semester

French 2

(Semester 1: FRE200A or Semester 2: FRE200B)

This course will Strengthen your French listening, speaking, reading, and writing skills with engaging and interactive videos, dialogs, presentations, self-checks, and much more.

Prerequisites: Grades 9-12 or Admin Approval and French 1

Credits: 0.5 credits per semester

Mandarin Chinese 1

(Semester 1: CHI100A or Semester 2: CHI100B)

Students learn the basic Chinese language. At the very beginning, the course starts by introducing students to a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters. They engage in conversation in Chinese including greeting people, introducing themselves to others, and exchanging basic information with others. They also learn to count from 1 to 1000 and make simple sentences in both spoken and written Chinese and learn 160 "magical" Chinese characters. As students walk through the units, they get to know not only the language itself, but also the culture.

Prerequisites: Grades 9-12 or Admin Approval

Credits: 0.5 credits per semester

Mandarin Chinese 2

(Semester 1: CHI200A or Semester 2: CHI200B)

Students will further develop the communicative skills of listening, speaking, reading, and writing Mandarin Chinese at a more advanced level. The course immerses students in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand the students' vocabulary, helping them learn to interact with others and use appropriate terms to communicate in various everyday situations.

Prerequisites: Grades 9-12. Mandarin Chinese 1.

Credits: 0.5 credits per semester

Honors Mandarin Chinese 3

(Semester 1: CHI305A or Semester 2: CHI305B)

Students learn essential knowledge of Chinese culture, including the origins, histories, anecdotes, and etiquettes for various cultural settings, events, and occasions. Students also learn to compare and contrast the Chinese culture with their own cultures in many different aspects.

Prerequisites: Grades 9-12 and Mandarin Chinese 2

Credits: 0.5 credits per semester

American Sign Language 1

(Semester 1: ASL100A or Semester 2: ASL100B)

Introduction will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture – social beliefs, traditions, history, values and communities influenced by deafness. The course will introduce you to more of this language and its grammatical structures.

Prerequisites: Grades 9-12 or Admin Approval

Credits: 0.5 credits per semester

American Sign Language 2

(Semester 1: ASL200A or Semester 2: ASL200B)

In this course, in addition to learning classifiers, glossing, and mouth morphemes, students will explore vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies. Students will increase their proficiency by learning about sequencing, transitions, role-shifts, and future tenses through storytelling and asking questions.

Prerequisites: Grades 9-12 or Admin Approval and American Sign Language 1

Credits: 0.5 credits per semester

Physical Education and Health

Comprehensive Health

(One semester course: PED220)

This course guides students as they deal with important decisions by providing them with the facts they need. Students will learn how to deal with real issues that impact their lives every day, such as nutrition, substance abuse, stress, and their health.

Credits: 0.5 credit course

Physical Education (P.E.)

(Semester 1: PED150A or Semester 2: PED150B)

In this course, students will experience the many benefits of regular physical activity, proper nutrition, and sound decision making. Students will assess their current physical condition and define personal goals. Students will apply fitness training principles, enhancing improvement in health and skill-related areas of fitness.

Credits: 0.5 credits per semester

Personal Fitness (1 semester of P.E.)

(One semester course: PED140A)

Students will start by assessing their physical condition. They will keep a workout log to measure progress. In addition, they will have a great personal trainer (their teacher) who will help them set realistic goals.

Credits: 0.5 credit course

General Electives

Art in World Cultures

(Semester 1: ART180A or Semester 2: ART180B)

You will learn about some of the greatest artists while also creating art of your own, including digital art. We will explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

Credits: 0.5 credits per semester

Art History and Criticism (FINE ART)

(Semester 1: ART190A or Semester 2: ART190B)

Students explore the role of art in history and culture through observation and analysis of significant works of art and architecture from Prehistory through the 16th century. Student historians investigate the societal context of works, considering traditional forms and conventions of representation, symbology, and the purposes for which the art was created. The course includes an introduction to the methodologies of art history and criticism, study of the media and techniques used by artists from various cultures and time periods and use of appropriate terminology in verbal and written analyses of artworks drawn from around the world. Student historians' critique and compare works across time and cultures to develop an understanding of, and respect for, the visual arts as a chronicle of history, cultural heritage, and the human experience.

Credits: 0.5 credits per semester

AP History of Art (FINE ART)

(Semester 1: ART335A or Semester 2: ART335B)

Students will explore the interconnections between art, culture, and historical context using critical analysis through the critical lenses of artistic expression, cultural awareness, and purpose. Using a defined art historical skill set and reflective learning, students will analyze relationships across cultures with a global lens. The examination of how people have responded to and communicated their experiences through art will enable students to think conceptually about art ranging from prehistoric to contemporary.

Credits: 0.5 credits per semester

Creative Writing

(Semester 1: ENE200A or Semester 2: ENE200B)

This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.

Credits: 0.5 credits per semester

Criminology

(Semester 1: ELE102A or Semester 2: ELE102B)

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological, and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds.

Credits: 0.5 credits per semester

Culinary Arts 1

(Semester 1: CUL110A or Semester 2: CUL110B)

Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide you with basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Finally, prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts. Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. This course will require the purchase of grocery items to complete assignments.

Credits: 0.5 credits per semester

Culinary Arts 2

(Semester 1: CUL210A or Semester 2: CUL210B)

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 2 will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure! This course will require the purchase of grocery items to complete assignments

Credits: 0.5 credits per semester

Digital Photography I (FINE ART)

(Semester 1: DPH110A or Semester 2: DPH110B)

The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition.

Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

Credits: 0.5 credits per semester

Digital Photography II (FINE ART)

(Semester 1: DPH210A or Semester 2: DPH210B)

In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs to better understand what creates an eye-catching photograph.

Credits: 0.5 credits per semester

Entrepreneurship

(Semester 1: MRK320A or Semester 2: MRK320B)

What does it really take to own your own business? Does the sound of being your own boss make you feel excited or anxious? Either way, Entrepreneurship: Starting Your Business will get you started in the right direction. This course explains the ins and outs of such an enterprise, giving you the confidence needed to be your very own boss. You will discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. If you have ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know.

Credits: 0.5 credits per semester

Health Science: The Whole Individual

(Semester 1: PED160A or Semester 2: PED160B)

In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and

treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

Credits: 0.5 credits per semester

AP Human Geography

(Semester 1: SSE205A or Semester 2: SSE205B)

Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.

Credits: 0.5 credits per semester

Law & Order

(Semester 1: ELE103A or Semester 2: ELE103B)

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

Credits: 0.5 credits per semester

Marketing 1

(Semester 1: MRK210A or Semester 2: MRK210B)

Introduce your students to the fast-paced and exciting world of marketing! Students will learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Furthermore, students will examine how to identify target markets, perform market research, and develop successful marketing strategies.

Explore, the legal and ethical considerations of business and marketing are discussed along with the impact of government on business. Dive deeper into the marketing world with real world applications and practices. Engage with the marketing mix by studying understanding branding, advertising, promotion strategies, and more. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field!

Credits: 0.5 credits per semester

Marketing 2

(Semester 1: MRK340A or Semester 2: MRK340B)

Can you think of a brand that first launched in the U.S. and then became popular in other countries? Facebook™ did this very thing! Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. In this course, you'll find out how business and marketing works around the world! You will learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally. In addition, you will learn expectations, best practices, sales planning, building a clientele that becomes long-term buyers, and how to stay motivated to sell, sell, sell! If sales management is your goal, you will learn about management styles, how to find, hire, train, motivate, and compensate your team.

Prerequisites: MRK200

Credits: 0.5 credits per semester

Music Appreciation (FINE ART)

(Semester 1: ELE106A or Semester 2: ELE106B)

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, a historical perspective on music from the Middle Ages to the 21st century, but it will also teach you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that's all around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form.

Credits: 0.5 credits per semester

Personal Psychology I

(Semester 1: ELE104A or Semester 2: ELE104B)

Self-knowledge is the key to self-improvement! More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self-discovery! Sample topics include the study of infancy, childhood, adolescence, perception, and states of consciousness. Online psychology experiments dealing with our own personal behavior is featured within this course.

Credits: 0.5 credits per semester

Personal Psychology II

(Semester 1: ELE201A or Semester 2: ELE201B)

Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress and personality. This course features exciting online psychology experiments involving the world around us.

Credits: 0.5 credits per semester

AP Psychology

(Semester 1: SSE315A or Semester 2: SSE315B)

Student must have taken at least one year of Psychology previous to taking this course

This course provides students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Psychology is a diverse social and biological science with multiple perspectives and interpretations.

Credits: 0.5 credits per semester *e-book fee for part-time and tuition paying students

Sports and Entertainment Marketing

(Semester 1: MRK310A or Semester 2: MRK310B)

In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multibillion-dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well-known entertainers are marketed as commodities and how some of them become billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.

Credits: 0.5 credits per semester

NCAA Approved Courses

ENGLISH

English 9
Honors English 9
English 10
Honors English 10
English 11
AP English Language Composition
English 12
AP English Literature Composition

MATHEMATICS

Algebra I
Honors Algebra I
Geometry
Honors Geometry
Algebra II
Honors Algebra II
College Algebra
Pre-Calculus
Honors Pre-Calculus
AP Statistics
AP Calculus AB
AP Calculus BC

SCIENCE

Investigative Science
Biology
Honors Biology
Anatomy and Physiology
AP Biology
Chemistry
Honors Chemistry
Physics

SOCIAL SCIENCE

World History/Geography
AP World History/Geography
Honors World History/Geography
American/AZ History
AP American/AZ History
American Government
AP US Government
Economics
AP Macroeconomics

ELECTIVES

AP History of Art
AP Human Geography
AP Personal Psychology
Creative Writing
Criminology
Law and Order
Personal Psychology 1
Personal Psychology 2

WORLD LANGUAGES

American Sign Language 1
American Sign Language 2
French 1
French 2
Mandarin Chinese 1
Mandarin Chinese 2
Honors Mandarin Chinese 3
Spanish 1
Spanish 2
Honors Spanish 3
AP Spanish Language Culture (Year 4)

Frequently Asked Questions

What is EVIT?

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

EVIT's Mission

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

EVIT's Vision

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

EVIT's Purpose

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

Business/Industry and College Articulation

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

Career & Technical Student Organizations

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

SkillsUSA	Technical, skilled, and service careers
FCCLA	Family, Career, and Community Leaders of America
HOSA	Future health Professionals
C-CAP	Careers in Culinary Arts Program
ERA	Educators Rising Arizona
FBLA	Future Business Leader of America

When do students register?

Students are encouraged to apply for EVIT programs during the spring semester prior to classes that begin in August, but registration for classes is ongoing. EVIT registration opportunities are offered during regular high school registration, any time through the home high school at EVIT Locations or on EVIT.com. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For more information, call 480-461-4000 or visit EVIT.com.)** **EVIT will be moving to an online only model this school year. Paper application will still be accepted but we encourage students to use our online portal. (available November 4, 2019)****

What is needed to register?

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

How many credits can be earned?

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

Do the credits from EVIT just count as electives?

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

What time are classes?

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

Are there fees?

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

Are classes at EVIT offered to adults?

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

EVIT High School Programs by Campus

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

Course Code	Program Name	Main	East	A.J.	F.H.
DA10/20/30	3D Animation	X			
CS14/24	Aesthetics	X			
AM10/20/30/35	Automotive Technologies	X			
AV05/10/20/35	Aviation		X		
BK10/20/30	Banking and Financial Services	X			
CS15/25/35	Barbering	X			
MC65/66	Behavior, Mental and Social Health Services	X			
IT12/20/22/23	Networking / Cyber Security*	X	X		
IT13/40/45	Coding and Mobile App Design	X			
AB10/20/30/35	Collision Repair	X			
CU20/25/26	Commercial Baking and Pastry Arts	X			
CT10/20/25	Construction	X		X	
CS10/20/31	Cosmetology	X	X		
LE10/20/25	Criminal Justice	X			
CU10/15/16	Culinary Arts	X		X	
MC60/61	Dental Assisting*	X			
AM63/68/69/70	Diesel Technologies	X			
IT11/30/35	Digital Device Diagnostic and Repair	X			
CC10/20/25	Early Childhood Education	X		X	
MC55/56	Emergency Medical Technician*	X			
FIT11/13/25	Fashion Design and Merchandising	X			
FIT12/14/35	Interior Design & Merchandising	X			
FF10/20/21/22/25	Fire Science Academy	X			
IT60/61/62/63	Future Engineers		X		
MM30/35/40	Graphic/Web Design	X			X
AC10/20/25	Heating, Ventilation and Air Conditioning (HVAC)	X			
HM10/20/25	Hospitality Management	X			
MT10/20/30/35	Machining Technology	X			
MA05/06/10/20	Massage Therapy	X			
MC20/21/22/23	Medical Assistant*	X	X		
MC30/31	Nursing Assistant*	X	X		X
MC57/58	Occupational Therapy Assistant*	X			
MC43/63	Pharmacy Technician*	X			
MM02	Digital Photography*				X
MC45/46	Physical Therapy Technician*	X			
PLB10/20/22	Plumbing	X			
RB10/20/30	Radio/Audio Production	X			
MC44/64	Veterinary Assistant*		X		
TV10/20/30	Video Production	X			X
WD10/20/25	Welding	X		X	

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

EVIT Registration and Counseling Department

Andrea Macias, Registrar

Main Campus: 480-461-4109 • amacias@evit.com

High School & Adult

Course Scheduling, Grades, Transcripts, Data Collection & Management, Bi-Lingual Services

Joyce Eagar-Lemons, High School Counselor

Main Campus: 480-461-4159 • jeagar-lemons@evit.com

Special Projects: Crisis, Reporting

Programs: Criminal Justice, Fire Science, and all Health Services programs.

Jacob Hansen, High School Counselor

Main Campus: 480-461-4161 • jhansen@evit.com

Special Projects: McKinney-Vento, Keys, GED, Dual-Enrollment

Programs: 3D Animation, Automotive, Collision repair, Construction, Graphic Design, HVAC, ITEC, Plumbing, Radio, Video Productions, and Welding.

David Pullman, High School Counselor

Power Campus: 480-308-4607 • dpullman@evit.com

Special Projects: Dual Enrollment

Programs: Aviation, Future Engineers, Medical Assistant, Nurse Assistant and Veterinary Assistant programs.

Lori Rich, High School Counselor

Main & Power Campus: 480-461-4166 • lrich@evit.com

Special Projects: Enrollment

Programs: Cosmetology, Aesthetics, Banking, Barbering, Culinary/Baking, Early childhood Education, Fashion Design Grades and Interior Design.

Tony Niccum, STEPS - Special Education & IEP/504 Coordinator

Main & Power Campus: 480-461-4154 • tniccum@evit.com

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

Anita Aguinaga, Special Education Administrative Assistant

Main Campus: 480-461-4155 • aaguinaga@evit.com

Special Projects: IEP/504 Accommodations Coordinator & Services

EVIT Recruitment Team

Blair Howland, High School Recruiter

480-461-4036 • bhowland@evit.com

Schools: Mesa Public Schools, Scottsdale Unified, Fountain Hills, Cave Creek, Apache Junction, JO Combs, Queen Creek, Higley and Charter Schools.

Cassi Perez, High School Recruiter

480-461-4162 • cperez@evit.com

Schools: Tempe Union, Chandler Unified, Gilbert Public Schools and Charter Schools.

Chandler, Hamilton, Mesa, Highland, and Gilbert

High School Counselor Steps to Register a Student for EVIT

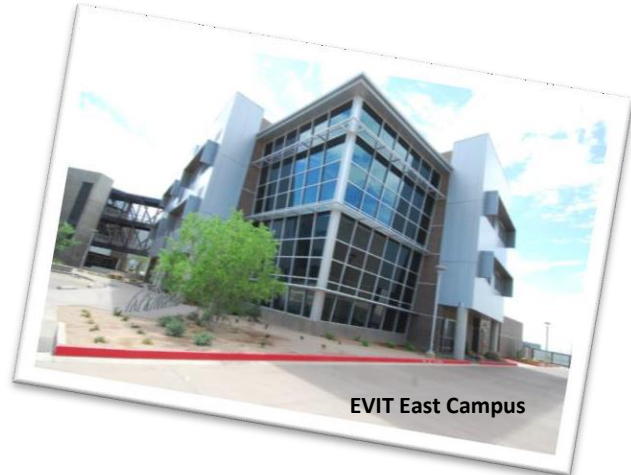
1. Students should familiarize themselves with the curriculum and requirements for their program of choice. This can be done through the EVIT website or through this guide.
2. Students should be on track with credits to graduate and plan to dedicate at least three hours in their daily schedule to attend EVIT.

Morning session: 8:05 to 10:35 a.m.

Afternoon session: 12:05 to 2:35 p.m.

Please note: Cosmetology, Aesthetics, Barbering, 1-year Massage Therapy, & 1 year Medical Assistant have extended hours and meet from 7 a.m. to 11a.m. or 12 p.m. to 4 p.m. Students may have to provide their own transportation for these programs. Afternoon sessions at the EVIT Fountain Hills campus are from 12:30pm-3:00pm.

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/completing online application:
 - Unofficial Transcript
 - AZMerit or other standardized test scores (If GPA is below program minimum).
 - Attendance record (or rubric completed by home High school counselor)
 - Discipline record (or rubric completed by home high school counselor)
 - Proof of age (may be on transcript)
 - Immunization records



Returning EVIT Students

Students who are returning for a second year will not need to re-apply, but must complete a Returning Student Form through EVIT Admissions to reserve a slot for their program of choice. Students requesting to return for a new program, different from the one they completed, will need to submit an updated transcript along with their Returning Student Form. High School Counselors may contact the EVIT Registrar at the end of May for a tentative enrollment list of their students. Please note that new and returning student enrollments are subject to change depending on course enrollment totals.

Walk-In Registration

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

Walk-In registration still requires the completion of an online application, which can be completed in our admissions department. Please advise your students that they will need to hand carry all required documents for their application to be scanned and uploaded by EVIT Admissions. Students will be reviewed and scheduled in order of online application, however EVIT admissions can let you know immediately if you meet the acceptance criteria. It is the student/parent responsibility to coordinate their schedules with their respective high school counselor.



NOTE: Any student interested in programs at EVIT may submit an application for consideration. The East Valley Institute of Technology does not discriminate on the basis of race, color, religion, national origin, sex, disability, age, sexual orientation or lack of English language skills in admission and access to its programs, services, activities or any aspect of its operations and provides equal access to designated youth groups. EVIT also does not discriminate in its hiring or employment practices. 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.

The following employees have been designated to handle inquiries regarding EVIT's nondiscrimination policies:

Title IX/Title VII/EEOC Coordinator
EVIT Superintendent
1601 W. Main St., Mesa, AZ 85201
(480) 461-4000
Superintendent@evit.com

Section 504/ADA Coordinator
Tony Niccum, STEPS
1601 W Main St., Mesa, AZ 85201
(480) 461-4154
tniccum@evit.com

AGRICULTURE AND WELDING

Welding WD10 • WD20 • WD25

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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

COMMUNICATION MEDIA TECHNOLOGIES

3D Animation DA10 • DA20 • DA30

Bring creative ideas to life by combining traditional artistic skills and design techniques to develop projects in 3D animation, visual effects and game assets. You'll develop skills in environmental and character modeling, texturing, lighting, rigging, animation and more using industry standard software such as Maya, Z-brush, Adobe After Effects, and others. Students leave the class with a portfolio website and have the opportunity to become an Autodesk Certified User.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Digital Photography MM02 • MM03

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.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Graphic/Web Design MM30 • MM35 • MM40

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 & create portfolios and resumes. Students may also choose to learn the ins & outs of digital printing in EVIT's Digital Print Shop

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

COMMUNICATION MEDIA TECHNOLOGIES

Radio/Audio Production RB10 • RB20 • RB30

EVIT's Radio/Audio Production Program is home to KPNG, 88.7FM The Pulse and KVIT, Neon 90.7FM, two fully functioning non-commercial radio stations. Student work is featured on both stations. The Radio/Audio Program also features a state of the art digital recording studio. Students will be trained in radio commercial, promo, and show production, music creation and production, journalism writing and reporting, media marketing, live sound production and more. Students have the option to focus on sports broadcasting, as EVIT Radio airs high school football, basketball and baseball/softball games during the school year all throughout the East Valley. Students can train to be play by play announcers, analysts, & even on-site live sound engineers. Students learn Pro Tools editing software, FL Studio music software, NextGen radio software and more.

Pre-Requisites: At least 6 high school credits, including 1 English credit 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Video Production TV10 • TV20 • TV30

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.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

EDUCATION AND TRAINING

Early Childhood Education CC10 • CC20 • CC25

First year ECE I students focus on early childhood philosophy, childhood development, career opportunities and current issues in safety, health, nutrition and curriculum development. They gain hands-on experience in lab settings including our on-site lab school operated by Bright Ideas and off-site at a variety of Head Start programs. Second year ECE II students participate in a lab setting and focus on child guidance techniques, family dynamics, observation/assessment, advanced curriculum development and classroom management. This performance-based program allows for advancement that meets individual academic needs.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 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)

Dual Enrollment Available

ENGINEERING SCIENCES

Future Engineers IT60 • IT61 • IT62 • IT63

This program will prepare students to pursue an education in engineering and related fields. Students will be challenged to develop solutions to engineering problems. The student will learn the skills to communicate, work in teams, solve mathematical, scientific and logistical problems. This will be accomplished through the use of lecture, laboratory work, guest speakers and industry field trips.

This course is a project based course where students learn to use of tools and engineering skills. Those students moving on to the second year class will work on a capstone project.

Pre-Requisites: At least 6 high school credits, including 1 Science credit: 'B' or better, 1 English credit: 'C' or better, 1 Algebra credit: 'C' or better, and concurrent enrollment in another Math course; On track to graduate or a plan for graduation; 2.5 GPA or equivalent standardized test scores

Machining Technology MT10 • MT20 • MT30 • MT35

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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

FINANCE

Banking and Financial Services BK10 • BK20

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

Pre-Requisites: At least 6 high school credits, including 2 Math credits: 'C' or better and 1 English credit: 'C' or better On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Networking Academy & Cyber Security IT12 • IT20 • IT22 • IT23

Students in this course will be introduced to the computer-networking field and the field of cyber security. Instructors cover network/cyber terminology and protocols, communication fundamentals in data networks/security and Internet security. Students study the Open Systems Interconnection (OSI) model, using a top-down approach, cabling and cabling tools, basic Cisco router, configuration, Ethernet technologies, Internet Protocol (IP) addressing and an overview of Internet Protocol version 6 (IPv6), basic configuring and testing of the network, standards and network penetration. The course prepares students for the Cisco Certified Network Architect (CCNA) examination in the first year as well as a cyber-security certification, in second year. 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.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Coding & Mobile App Design IT13 • IT40 • IT45

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

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Digital Device Diagnostic and Repair IT11 • IT30 • IT35

Learn the skills necessary to obtain CompTIA 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.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Commercial Baking and Pastry Arts CU20 • CU25 • CU26

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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; Foods I and/or Foods II or work experience in the field or teacher approval

Dual Enrollment Available

Culinary Arts CU10 • CU15 • CU16

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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Fashion Design & Merchandising I & II FIT11 • FIT13 • FIT25

Fashion 1 and 2: This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories in the fashion industry. Learn about the elements and principles of design, clothing fabrics and textiles, the use of color and texture, retail business merchandising, fashion illustration, visual merchandising, sewing and pattern making. Transform these skills into wearable garments, participate in various EVIT events such as the annual Spring Fashion Show. Qualified students also have the opportunity to participate in FCCLA to compete in various events during the FCCLA Spring Conference.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Hospitality Management HM10 • HM20

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

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; Foods I and/or Foods II or work experience in the field or teacher approval

Dual Enrollment Available

Interior Design & Merchandising I & II FIT12 • FIT14 • FIT35

Interior 1 and 2: This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories within the interior design industry. Learn about the elements and principles of design, interior fabrics and textiles, the use of color and texture, retail merchandising, visual merchandising, floor space planning, rendering and Chief Architect rendering. Transform these skills into becoming an interior design apprentice, creating elaborate sets and window displays, presentation boards and participate in various EVIT events and design shows. Qualified students also have the opportunity to participate in job shadowing or internships during their second year of the program or compete in the FCCLA interior design competition during FCCLA Spring Conference.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

HUMAN SERVICES

Aesthetics CS14 • CS24

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.

Pre-Requisites: At least 10 high school credits, including 2 English credits; On track to graduate or a plan for graduation ;2.0 GPA or equivalent standardized test scores

Barbering CS15 • CS25 • CS35

Imagine having a fun, high-paying job that lets you use your creativity to make people look good! Skills learned in the Barbering Program focus on the care of hair, skin and nails. Technical training will include the theory of chemicals and hair coloring, cutting, styling, facial hair, clients safety, hygiene and customer relations. Students will provide services to the public in a working barber shop on the EVIT campus. After completing the 1,500-hour course, students are prepared to take to the State of Arizona Board of Barbers licensing exam.

Pre-Requisites: At least 10 high school credits, including 2 English credits; On track to graduate or a plan for graduation ;2.0 GPA or equivalent standardized test scores

Cosmetology CS10 • CS20 • CS31

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 and beautification of hair, skin & 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

Pre-Requisites: At least 10 high school credits, including 2 English credits; On track to graduate or a plan for graduation ;2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Behavioral, Mental & Social Health Services MC65 • MC66

Prepare for a career in behavioral and social health as a behavioral health technician or mental health technician. The certification can lead to job opportunities as a case manager, parent aide, family advocate, respite worker, and paraprofessional counselor. Certified Mental Health Technicians may work as part of a team and care for emotionally disturbed and mentally ill patients. Job opportunities are found in both 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 foundational modules in care delivery systems, legal/safety requirements, introduction to basic mental and social illnesses, disorders and conditions as well as strategies to improve mental and social health and resources to problem solve and promote well-being.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

***Students may be randomly drug tested* Dual Enrollment**

Available

Dental Assisting MC59 • MC60 • MC61

First year students 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. **This course had state approved embedded credit for lab science for MC59 ONLY.** Second year students 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 an 80-hour externship. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to job shadowing or internship sites.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

***Students may be randomly drug tested* Dual Enrollment**

Available

Emergency Medical Technician MC37 • MC55 • MC56

First year students 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. **This course had state approved embedded credit for lab science for MC37 ONLY.** Second year student will begin the DHS EMT course. Students will 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. During the second semester, students will have an opportunity to complete 10 to 20 hours of clinical externship hours in an emergency room. Weekend and/or extended hours will be required for clinical. Students must provide their own transportation to the clinical site.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

***Students may be randomly drug tested* Dual Enrollment**

Available

Massage Therapy MA05 • MA06 • MA10 • MA20

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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

***Students may be randomly drug tested* Dual Enrollment**

Available

Medical Assistant MC19 • MC20 • MC21 • MC22 • MC23

First year students 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. **This course had state approved embedded credit for lab science for MC19 ONLY.** 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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Students may be randomly drug tested

Dual Enrollment Available

Nursing Assistant MC29 • MC30 • MC31

First year students 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. **This course had state approved embedded credit for lab science for MC29 ONLY.** 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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Students may be randomly drug tested

Dual Enrollment Available

Occupational Therapy Aide MC39 • MC57 • MC58

First year students 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. **This course had state approved embedded credit for lab science for MC39 ONLY.** Occupational therapists help people with physical or mental disabilities gain the skills they need to be as independent as possible. In this class you will explore the dynamic history and philosophy of occupational therapy, understand the difference between and occupational therapist, occupational therapy assistance and occupational therapy Aide. Students will experience hands on learning of job skills needed to gain employment as an occupational therapy aide, rehabilitation provider. Qualified students will participate in clinical experiences to gain valuable on the job experiences. Students must provide transportation to clinical experiences.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Students may be randomly drug tested

Dual Enrollment Available

Pharmacy Technician MC43 • MC63

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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Students may be randomly drug tested

Dual Enrollment Available

Physical Therapy Technician MC38 • MC45 • MC46

First year students 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. **This course had state approved embedded credit for lab science for MC38 ONLY.** 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.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Students may be randomly drug tested

Dual Enrollment Available

Veterinary Assistant MC14 • MC44 • MC64

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 assisting with radiographs, assisting with venipuncture, assisting with administering medications and vaccines, performing animal restraint and assisting with surgery, performing various laboratory procedures and assisting with general exams. During the first year students focus on anatomy and physiology of animal species, hands-on skills and practical applications. During second year students improve upon their skills through job shadowing and externships 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 their own transportation to job shadowing and externship sites. Flexible hours may be required depending upon clinical availability.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.5 GPA or equivalent standardized test scores

Students may be randomly drug tested

Dual Enrollment Available

Construction CT10 • CT20 • CT25

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. Students will have the opportunity to obtain the OSHA 10-hour card in Construction. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

INDUSTRIAL TECHNOLOGIES

Heating, Ventilation and Air Conditioning

(HVAC) AC10 • AC20 • AC25 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, repair of electric controls and circuits. Internship and job shadowing opportunities are available.

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Plumbing PLB10 • PLB20 • PLB22

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, green plumbing, water heating concepts and plumbing fixture installation.

Pre-Requisites: At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

PUBLIC SERVICE CAREERS

Criminal Justice LE10 • LE20 • LE25

Prepare for a career in the Criminal Justice System. Training includes basic crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills, which will help them in entering a career in the criminal justice system, including law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, college, or employment in criminal justice.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit- 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; No criminal history

Dual Enrollment Available

PUBLIC SERVICE CAREERS

Fire Science FF10 • FF20 • FF21 • FF22 • FF25

Prepare for employment in the fire and emergency services, learning 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 technical rescue. The Second-year students continue fire service training into more advanced areas including wildland firefighter, Emergency medical technician, vehicle extrication, employability, driver operator of emergency vehicles, aircraft rescue firefighting, preparing for firefighter candidate physical fitness test which include strenuous physical activity, including running and completion of strenuous hands on physical activities related to fire fighting. Also included in second year is hazardous materials response and live fire training. This course requires a physician's school physical.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; No Criminal History; Biology and/or Chemistry (may be taken concurrently)

Dual Enrollment Available

TRANSPORTATION TECHNOLOGIES

Automotive Technologies AM10 • AM20 • AM30 • AM35

Train for a career in the automotive industry through Automotive Service Excellence Technicians Education Foundation 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.

Pre-Requisites: At least 6 high school credits, including 1 Math (Algebra 'C' or better) and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Dual Enrollment Available

Aviation AV05 • AV10 • AV20 • AV35

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. Advanced Aviation Year 2 includes several more dual enrollment classes applicable to the aviation degrees. Several options are available to begin your flight training in the second semester. This includes both airplanes and rotorcraft. Those not entering flight training will be involved in an internship.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.5 GPA or equivalent standardized test scores

Dual Enrollment Available

Collision Repair AB10 • AB20 • AB30 • AB35

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 Automotive Service Excellence Education Foundation certified collision program. Students will have the opportunity to take I-CAR classes and obtain 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.

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

Diesel Technologies AM63 • AM68 • AM69 • AM70

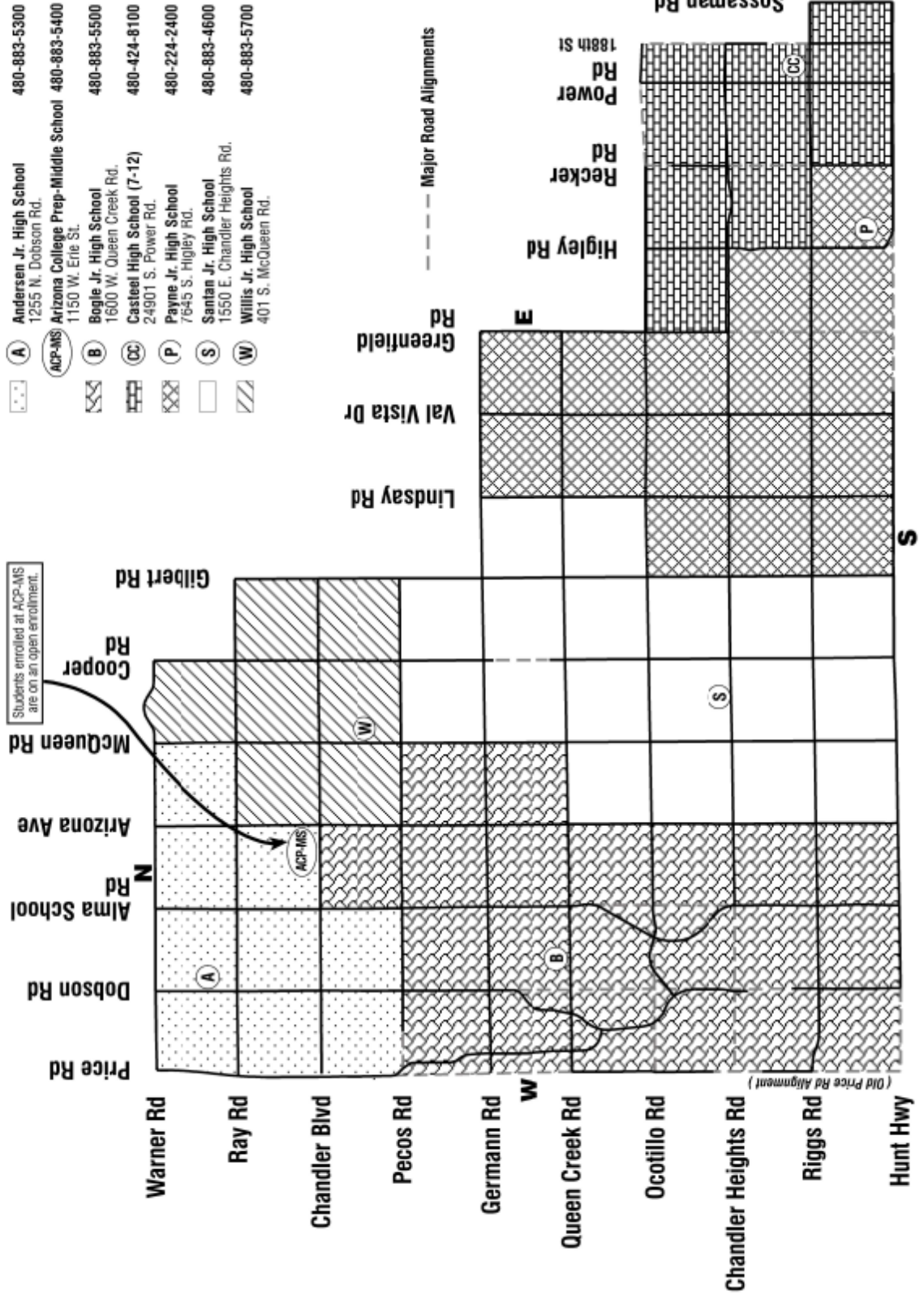
The diesel and heavy equipment industry is one of the fastest growing fields in the transportation business today. Diesel mechanics work on a wide variety of diesel engines including those found in buses, trucks, RVs, bulldozers, cranes, farm tractors and trains. Students develop the skills needed for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

Pre-Requisites: At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; Recommended: Prior knowledge/experience with basic automotive repair

It is the policy of the East Valley Institute of Technology District #401 to provide all persons with equal employment and education opportunities regardless of race, color, sex, national origin, marital status, age or disability. District grievance procedures will be followed for compliance with Title IX and section 504 requirements. The compliance office is the EVIT Superintendent.

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Chandler Unified School District No. 80 Junior High Attendance Boundaries for 2022-2023



Chandler Unified School District No. 80

High School Attendance Boundaries for 2022-2023

