

**2019-2020
High School Course Catalog**

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

Chandler Unified School District 2019 - 2020 Course Description Catalog Grades 9-12

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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. The following persons have been designated to handle inquiries regarding the nondiscrimination policies:

Compliance officer 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

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

Compliance officer for Section 504

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

Aviso de no discriminación

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

Funcionario de Cumplimiento de Título IX

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

Dr. Craig Gilbert, Asistente de Superintendente
1525 W. Frye Rd.
Chandler, AZ 85224
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Funcionario de Cumplimiento para Sección 504

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

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

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

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

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

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

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

Notification of Rights under FERPA for Elementary and Secondary Schools

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

General Information

This catalog lists the high school courses offered in the Chandler Unified School District. Students need to carefully consider the information in this catalog so they can make informed decisions about their course of study while attending a CUSD high school. 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.

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

Acceptance of transfer credits from sources outside the Chandler Unified School District is not automatic. It is recommended that students meet with their counselor before enrolling in courses outside the Chandler Unified School District to clarify whether the credit will be granted as an elective or core and to determine what process must be followed. Please refer to policy JFABC and JFABC-R, Admission of Transfer Student (Academic Transfer Credits). CUSD Governing Board Policy can be found at www.cusd80.com/Page/94517.

General Information

Cross-credit Courses

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

- Courses that may be used or applied toward the physical education requirement: Spiritline, Beginning Dance, Intermediate Dance, Advanced Dance, Drill Team/Color Guard, Marching Band, Color/Winterguard and AFJROTC. Marching Band, Color/Winterguard, and AFJROTC credit will waive PE credit at the ratio of three semesters of Band/Winterguard/AFJROTC to two semesters of P.E.
- Courses that may be applied toward the science requirement: Applied Biological Systems may be applied 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.
- Courses that may be applied toward the economics requirement: Agriculture Business Management, Business Applications, Marketing and Economics Applications, and the following Cooperative Education courses: Family & Consumer Sciences, Agriculture Business management, Business, Marketing & Economics, and Industrial Education.

Education and Career Action Plan

The Arizona State Board of Education requires an Education and Career Action Plans (ECAP) for all Arizona students grades 9-12 (R7-2-302.05). All students in grades 9-12 will complete an Arizona Education and Career Action Plan. An ECAP reflects a student's current plan of coursework, career aspirations, and extended learning opportunities in order to develop the student's individual academic and career goals.

General Information

Program Planning

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

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

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

Curriculum Area	Chandler Unified School District Graduation Requirements	Arizona University Entrance Requirements
English (see pg. 36)	4 credits	4 credits
Math (see pg. 53)	4 credits	4 credits
Science (see pg. 60)	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 credit in each of three different laboratory sciences selected from the following: Chemistry, Physics, or Biology. An integrated laboratory science or an advanced level laboratory science (Anatomy and Physiology, Biotechnology, and Investigative Science) may be used to substitute for one required course.
Social Studies (see pg. 65)	3 credits World History/Geography, Economics, American/AZ History, US/AZ Government	2 credits
Career and Technical Education/Fine Arts	1 credit	1 Fine Arts credit or 1 CTE
World Language (see pg. 71)	0 credit	2 credits Two years of the same language
Physical Education	1 credit	0 credit
Comprehensive Health	½ credit	0 credit
Required Courses	16 ½ credits	16 credits
Elective Courses	5 ½ credits	0 credits
Total Required Credits	22 credits	16 credits

High School Four Year Plan

Name _____ Student # _____ Counselor _____ Grad Yr. _____

Post-secondary plan

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

_____ 4 Year University

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

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

Total credits CUSD required = 22

_____ Today's Date

_____ Student Signature

General Information

Explanation of Grades

Non-Weighted Classes

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

Percentage	Letter Grade	Grade Point Value
90-100	A	4.0
80-89	B	3.0
70-79	C	2.0
60-69	D	1.0
0-59	F	0
P/F	Pass/Fail (option only available for student aide, Peer Facilitator, or AVID tutor)	
WF	Withdraw Failing	

Weighted Classes

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

Pass/Fail Option

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

Advanced Courses

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

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

General Information

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

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

Cooperative Education Courses

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

Classes Taken a Second Time

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

Admission to Colleges and Universities

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

Applicants to Arizona universities must meet the following general requirements: For 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.

General Information

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

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

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 will receive a failing grade for that course.

Transfer Students

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

General Information

Material Usage Fees

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

Special Education

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

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

East Valley Institute of Technology (EVIT)

Chandler Unified School District cooperates with the East Valley Institute of Technology; however, EVIT is a separate school district apart from the Chandler Unified School District. It is a specialized school offering high school level technical training in 13 cluster areas. EVIT students attend career and technical courses one-half of each day. The other half is spent at their home high schools. Transportation is provided between home schools and EVIT, 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.

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 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.

Journey Into Aviation History AS 100

Grades: By site	Full Year	1 Credit
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Cadets study flight from ancient times to current developments. 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.*

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.*

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.*

Exploring Space AS 300

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

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

Management of the Cadet Corps AS 400

Grades: By site	Full Year	1 Credit
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Cadets will execute primary leadership of the entire cadet corps. They will put into practice their communication, decision-making, personal interaction, managerial, and organizational skills. Cadets achieve course objectives by completing corps management activities. 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.*

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

Competitive Drill Team AS 500 / Honor Guard AS 500

Hamilton only / Basha and Chandler only

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

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

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 - Principles of Management

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

CTE - Agriscience

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

Plants, Animals, and Leadership Science (PALS)

Grades: 9, 10, 11	Full Year	1 Credit
<i>BHS & HHS Prerequisite: None or concurrent enrollment or completion of ABS, Biology, or Honors Biology</i>		
<i>CHS Prerequisite: Concurrent enrollment or completion of ABS, Biology, or Honors Biology</i> May be offered for Dual Credit		

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

Applied Biological Systems

Grades: 9, 10, 11, 12	Full Year	1 Credit
<i>BHS & HHS Prerequisite: Concurrent enrollment or completion of PALS</i>		
<i>CHS Prerequisite: None or concurrent enrollment or completion of PALS</i>		
<i>This course may be applied as Biology credit.</i> May be offered for Dual Credit		

Students will have hands on instruction that focuses on how plant and animal sciences play a key role in Biology. Emphasis will be on major biology components and how they 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).

AgriScience 1

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion PALS and ABS, Biology or Honors Biology</i>		
May be offered for Dual Credit		

This course focuses on plant sciences, specifically with plant production in the greenhouse. Units include plant growth and development, hydroponics, propagation, nutrition, pests, greenhouse management, landscape plant identification, design and installation of irrigation systems, and equipment maintenance. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this course. *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).

AgriScience 2

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

This course focuses on the animal sciences as well as the history and trends in animal industries. Units include animal selection, health, nutrition, reproduction, genetics, meat evaluation, and horse care. Business principles of the animal industries are included. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this same course. *Completion of Agriscience 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

Agriculture Engineering

Basha and Chandler only

Grades: 10, 11, 12

Full Year

1 Credit

Prerequisite: Concurrent enrollment or completion of Agriscience 1

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

Agriculture Business Management

Basha and Chandler only

Grades: 12

Full Year

1 Credit

Prerequisite: Three full credits of Agriscience Courses

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

Agriculture Business Management Cooperative Education

Basha and Chandler only

Grades: 12

Full Year

3 Credits

Prerequisite: Three full credits of Agriscience Courses and instructor approval

This course may be taken for Economics credit

May be offered for Dual Credit

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

Business, Management and Technology (BMT)

Hamilton only

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

This is an introductory business class that provides a fundamental understanding of all aspects of business using Microsoft Office Products and a Windows Platform. Students will learn and apply real world employability skills to all aspects of business, including Accounting, Business Management, Economics, Finance, Marketing and Human Resource Management. Students will also explore career opportunities and learn to apply problem solving and decision making skills to various business related situations. Business concepts such as checking accounts, saving and investing, personal finance are integrated throughout the course in order to help students prepare for the economic roles of consumer, worker, and citizen. Industry certification may be offered in this course. Students enrolled in this course can join Future Business Leaders of America (FBLA), which is the career and technical student organization associated with the Business program. Opportunities available through FBLA include leadership development, field trips, and academic competition.

Business Management and Administrative Services (BMAS)

Hamilton only

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

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

Business and Economic Applications

Hamilton only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: BMAS</i>		
<i>This course may be taken for Economics credit</i>		

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

Business and Economics Cooperative Education

Hamilton only

Grades: 12	Full Year	3 Credits
<i>Prerequisite: BMAS</i>		
<i>This course may be taken for Economics credit</i>		

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

Marketing 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).

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).

School Based Enterprise

ACP Erie, Basha, Casteel, Chandler and Perry only

Grades: 11, 12 <i>Prerequisite: Marketing 2</i> <i>Fee Required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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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).

Marketing and Economic Applications

Chandler 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).

Marketing and Economics Cooperative Education

Chandler and Perry only

Grades: 12

Full Year

3 Credits

Prerequisite: Marketing 2 and instructor approval

Fee Required

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

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

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

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

CTE - Family and Consumer Science

Culinary Arts 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.

Culinary Arts 2

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Culinary Arts 1, Instructor approval, 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.

Culinary Arts 3

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Culinary Arts 2, Instructor approval, and Maricopa County Food Handler Certificate</i>		May be offered for Dual Credit
<i>Fee Required</i>		
		<i>May be repeated for credit</i>

Culinary Arts 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.

Design and Fashion Merchandising 1

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.

Perry only

CTE - Family and Consumer Science

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>		

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

Early Childhood Education 1

Basha, Casteel, 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 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).

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 classrooms in CUSD. 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).

Early Childhood Professions 1

Basha, Casteel, Chandler, Hamilton and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Early Childhood Education 2</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 classrooms in CUSD. 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).

Early Childhood Professions 2

Basha, Casteel, Chandler, Hamilton and Perry only

Grade: 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Early Childhood Professions 1</i>		
<i>Fee Required</i>		<i>May be repeated for credit</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 classrooms in CUSD such as 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).

CTE - Family and Consumer Science

FACS and Economics Cooperative Education

Grades: 12

Full Year

3 Credits

Prerequisite: One year of a Family and Consumer Science class

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

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

CTE - Health Sciences

Biotechnology 1

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

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

Biotechnology 2

Basha only

Grades: 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.

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 and training for First Aid certification will be obtained. Leadership skills are enhanced through HOSA: Future Health Professionals.

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. CPR for healthcare provider's certification will be obtained. Industry certification is offered in this course. Students will have the opportunity to participate in HOSA: Future Health Professionals.

CTE - Health Sciences

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).

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).

Project Lead the Way Principles of Biomedical Science

Casteel only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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In the introductory course of the Project Lead the Way (PLTW) Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Project Lead the Way Human Body Systems

Casteel only

Grades: 10, 11, 12 <i>Prerequisite: PLTW Principles of Biomedical Science</i> <i>Fee Required</i>	Full Year	1 Credit
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Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

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

CTE - Industrial Education

Automotive Technologies 1

Chandler only

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

Automotive Technologies 2

Chandler only

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

Automotive Technologies 3

Chandler only

Grades: 11, 12 <i>Prerequisite: Automotive Technologies 2</i> <i>Fee required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This course will assist each student to gain the technical skills in automotive component diagnosis. Practical and theoretical applications of the principals involved in automotive computerized systems will be a major focus point of the class. Students will become familiar with career and occupational opportunities and certification requirements in automotive technology. Hands-on lab activities are included. Industry certification may be offered in this course.

Woods 1

Chandler only

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

Woods 2

Chandler only

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

CTE - Industrial Education

Architectural Drafting 1

Hamilton only

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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This course is designed to introduce students to the principles, concepts, practices and standards for architectural design and construction. Emphasis is placed on the use of CAD tools in the creation of architectural models and standard construction drawings. While generating CAD models students will learn about green and sustainable design and how to create 3-D BIM models along with standard working drawings.

Architectural Drafting 2

Hamilton only

Grades: 10, 11, 12 <i>Prerequisite: Architectural Drafting 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 to utilize the tools and information from Architectural Drafting 1 to obtain an industry recognized certification. This course will also include commercial design along with creating a complete set of working drawings.

Digital Photography 1

Basha, Casteel, Chandler, Hamilton, and Perry only

Grades: 9, 10, 11, 12 <i>Fee Required</i> <i>This course may be taken for Fine Arts credit.</i>	Full Year	1 Credit May be offered for Dual Credit
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This course instructs the basic fundamentals of digital imagery, including image capture, image editing and image output. Camera, computer and printing operations will be covered and aligned with the state standards for media technologies. Photographic concepts, photographic history and photography as a career will also be covered in this beginning level course. No prior photography skills are required for this course.

Digital Photography 2

Basha, Chandler, Casteel, Hamilton and Perry only

Grades: 10, 11, 12 <i>Prerequisite: Digital Photography 1</i> <i>Fee Required</i> <i>This course may be taken for Fine Arts credit.</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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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, color photography, and the photo essay. Students will design a photo project and will be expected to exhibit their work.

AP Studio Art: 2-D Design Portfolio

Hamilton and Perry only

Grades: 11, 12 <i>Prerequisite: Digital Photography 2 or Instructor Approval</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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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 teachers 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.

Graphic Design 1

Basha, Casteel, Chandler, Hamilton and Perry only

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 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.

CTE - Industrial Education

Graphic Design 2

Basha, Casteel, Chandler, Hamilton and Perry only

Grades: 10, 11, 12 Prerequisite: Graphic Design 1 Fee Required	Full Year	1 Credit May be repeated for credit
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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.

Multimedia and Film 1

Grades: 9, 10, 11, 12 <i>This course may be taken for Fine Arts credit.</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).

Multimedia and Film 2

Grades: 10, 11, 12 Prerequisite: Multimedia and Film 1 Fee Required <i>This course may be taken for Fine Arts credit.</i>	Full Year	1 Credit May be repeated for credit
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Students enrolled in this course will build on their production experience by producing news programs, commercials, public service announcements, highlight reels and fiction pieces among other projects. Students will also work on developing their own personal production styles. In addition, students will learn how to perform live event production. Students will learn how to 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).

Technical Theatre 1

Casteel, Hamilton and Perry only

Grades: 9, 10, 11, 12 Fee Required <i>This course may be taken for Fine Arts credit.</i>	Full Year	1 Credit
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This course is designed to introduce students to the basic fundamentals of theater production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, 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 theater production activities after school, evenings and weekends.

CTE- Industrial Education

Technical Theatre 2

Casteel, Hamilton and Perry only

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

Industrial and Economics Cooperative Education

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

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

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

CTE - Engineering

Project Lead the Way Honors Intro to Engineering Design Basha, Casteel, Chandler, 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.

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

Project Lead the Way Honors Principles of Engineering Basha, Casteel, Chandler Perry 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.

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

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

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Introduction to Engineering Design</i>		
<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 should provide opportunities for students to design, construct, test and analyze simple and complex digital circuitry.

Project Lead the Way Honors Engineering Development and Design Capstone Casteel only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: 3 years of PLTW Engineering</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

AP Computer Science Principles

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.

Software Engineering 1

ACP Erie, Basha and Chandler only

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

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

AP Computer Science A

Grades: 10, 11, 12 <i>Prerequisite: 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. The course requires no previous background in 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).

IB Computer Science SL

Chandler only

Grades: 11, 12 <i>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. The course requires no previous background in programming. TOK curriculum will be incorporated during the school year. Industry certification may be offered in this course.

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

Project Lead the Way Honors Cyber Security

Basha, Casteel, Hamilton and Perry only

Grades: 10, 11, 12 <i>Prerequisite: AP Computer Science Principles</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.

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 37 – 40 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 9

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

Honors English 9

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

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

English 10

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

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

Honors English 10

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

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

English 11

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

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

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

AP English Language and Composition

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

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

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

English

IB English 11

Chandler only

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

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

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

English 12

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

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

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

AP English Literature and Composition

Grades: 12	Full Year	1 Credit
Prerequisite: AP English Language and Composition		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

IB English 12

Chandler only

Grades: 12	Full Year	1 Credit
Prerequisite: IB English 11		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

IB English Language and Literature

Chandler only

Grades: 12	Full Year	1 Credit
Prerequisite: English 11 or IB English 11		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

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.

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*

Honors Science and Technical Writing

ACP Erie, 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

Journalism

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

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

Creative Writing

ACP Erie, 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

Newspaper Staff

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

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

Yearbook Staff

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

Honors Academic Decathlon

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

Speech and Debate

ACP Erie, Casteel, Hamilton and Perry only

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

Literacy Skills

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

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

Fine Arts

Theatre Arts 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.

Theatre Arts 2

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

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.

Theatre Arts 3

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Theatre Arts 2 or Instructor approval</i>		<i>May be repeated for credit</i>

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

Company / Performance Theatre

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

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

Stagecraft

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

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

Technical Theatre 1

Hamilton and Perry only

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

This course is designed to introduce students to the basic fundamentals of theater production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, audio engineering, rigging and production management. Students will complete design projects using professional computer-aided design programs and will serve as a member of a production crew. Technical Theatre 1 may require students to participate in theater production activities after school, evenings and weekends.

Fine Arts

Technical Theatre 2

Hamilton and Perry only

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

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

Concert Orchestra

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

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

Symphonic Orchestra

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

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

Chamber Orchestra

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

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

Marching Band

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

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.

Fine Arts

Concert Band

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

Symphonic Band

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

Wind Ensemble

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

Jazz Band

Grades: 9, 10, 11, 12 <i>Prerequisite: Audition</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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Jazz Band provides students the opportunity to study and perform music of the "Big Bands" from the 1920's to the present. The emphasis in this group is to perform the different styles of music (swing, rock, blues, and popular) with understanding. Students will also learn to improvise their own solos with good technique and understanding. Participation in all performances and festivals is required.

JV Jazz Band

Grades: 9, 10, 11, 12 <i>Prerequisite: Audition</i>	Full Year	1 Credit
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This ensemble gives students the opportunity to learn basic concepts of jazz through performance. Participation at concerts is required.

Creative Musicianship

Basha only

Grades: 9, 10, 11, 12 <i>*Fee Required</i>	Semester	½ Credit <i>May be repeated for credit</i>
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This course is for the student interested in exploring sound in order to generate new musical expressions. The hands-on hybrid experience (using both acoustic and digital sounds) enables students to learn the fundamentals of sound creation, the use of music for expression, and the meaning of music within their culture. No formal music experience is necessary. Creative Musicianship may be applied to the Fine Arts credit.

Color/Winterguard

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

Fine Arts

Percussion

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

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

Percussion Ensemble

Basha, Casteel, Perry and Hamilton only

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

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

Beginning Guitar

Basha, Chandler, Hamilton and Perry only

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

Intermediate Guitar

Basha, Chandler, Hamilton and Perry only

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

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

Guitar Ensemble

Basha, Hamilton and Perry only

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

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

Intro to Music Theory

Basha, Chandler and Hamilton only

Grades: 10, 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).

AP Music Theory

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

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

Women's Choir

Grades: 9, 10, 11, 12	Full Year	1 Credit <i>May be repeated for credit</i>
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Open to all treble voices. This class will focus on basic principles of musicianship and vocal training and a variety of all music. This ensemble will present concerts and potentially participate in festivals.

Advanced Women's Choir

Grades: 9, 10, 11, 12 <i>Prerequisite: Audition</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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Open to all soprano and alto voices. This advanced ensemble will study and perform various styles of music. The group will perform standard literature for female voices. Students will participate in concerts and festivals.

Men's Choir

Grades: 9, 10, 11, 12	Full Year	1 Credit <i>May be repeated for credit</i>
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Open to all lower register voices. This class will focus on basic principles of musicianship and vocal training and a variety of all music. This ensemble will present concerts and potentially participate in festivals.

Advanced Men's Choir

Chandler only

Grades: 9, 10, 11, 12 <i>Prerequisite: Audition</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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Open to all male singers who demonstrate, through successful previous experience in the program or by audition, the ability to sing music of a higher difficulty than the entry level Men's Choir. They will sing accompanied three and four part choral repertoire as well as three and four part cappella music in a variety of styles.

Intermediate Mixed Choir

ACP Erie, Basha, Chandler and Perry only

Grades: 9, 10, 11, 12 <i>Prerequisite: Audition</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This select organization will learn a variety of standard music literature. The group participates in festivals, contests, and major concerts, and may tour in the spring. Students must show serious dedication and have a professional approach to singing and musical excellence. Participation in concerts and festival performances is required.

Concert Choir

Grades: 10, 11, 12 <i>Prerequisite: Audition and instructor approval</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This is an advanced mixed choir of 50-70 singers who study classical to contemporary literature. The group participates in festivals, contests, major concerts and may tour in the spring. Students must show serious dedication and have a professional approach to singing and musical excellence. Members are expected to tour with the choir and perform at regularly scheduled concerts.

Chamber Choir

Basha and Hamilton only

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

Fine Arts

Show/Jazz Choir

Basha and Perry only

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

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

Women's Barbershop

Chandler only

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

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

IB Music 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.

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.

Beginning Dance

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

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

Intermediate Dance

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

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

Advanced Dance

Grades: 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.

Company/Performance Dance

Grades: 10, 11, 12 <i>Prerequisite: Audition and instructor approval</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This dance class will develop dance movements covering ballet, modern and jazz techniques. Students will learn concepts of dance choreography, improvisation, performance and production. Participation in concerts, assemblies and community performances is required. Dance credit may be applied to fine arts, PE, or elective credit.

Dance Improvisation/Choreography

Basha, Chandler and Perry only

Grades: 10, 11, 12 <i>Prerequisite: 2 Semesters of Beginning Dance and instructor approval</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This course is an exploration of improvisation and its use as a basis for dance choreography, as well as techniques for movement composition. Students will be taught the fundamentals of spontaneous movement and learn how to craft this material into set choreography. Students will explore improvisations based on the principles of time, space, and energy. Students will perform dance compositions in both formal and informal settings. Dance credit may be applied to fine arts, PE, or elective credit.

Introduction to Art

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Semester	½ Credit
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This is an introductory course designed to help students in producing artwork. Areas such as drawing, painting, sculpture, jewelry and ceramics may be explored. This is a good preparatory class for other art classes.

Ceramics 1

ACP Erie, Chandler and Hamilton only

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

Ceramics 2

ACP Erie, Chandler and Hamilton only

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

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.

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.

Sculpture 3

Casteel and Perry only

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

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.

Beginning Jewelry

Chandler only

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

Students will explore the design and creation of jewelry based on historical and contemporary examples of fine art jewelry and metal work. Students will learn a variety of basic jewelry techniques. Materials used in class include copper, brass, sterling silver, and semiprecious stones.

Advanced Jewelry

Chandler only

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

Class projects will allow for the continued study of fabrication techniques. New techniques studied may include cuttlefish casting, lost wax casting, hydraulic die forming, and copper enameling.

Beginning Photography

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

Students in this course are expected to furnish their own camera equipped with manual lens openings and manual shutter speed controls. No "point and shoot" or automatic-only cameras can be used. This class will teach students to develop black and white film and print black and white photographs. The course will also stress artistic expression through the medium of photography.

Advanced Photography

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

This class will be a continued exploration of photography as a fine art with emphasis placed on refining technique, composition and personal expression. This class will include assignments in studio lighting, night photography, and experimentation not covered in beginning photography.

Commercial Photography

Perry only

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

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

Digital Photography 1

ACP Erie, Basha, Chandler, Hamilton and Perry only

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

Digital Photography 2

Basha, Chandler, Hamilton and Perry only

Grades: 10, 11, 12 <i>Prerequisite: Digital Photography 1</i> <i>Fee Required</i>	Full Year	1 Credit
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This one-year course builds on the skills learned in Digital Photography I with an emphasis on production for the needs of clients, publication, or competition. Special attention will be given to the profession of the photographer as artist and commercial artist. Students will be expected to develop technical expertise to enhance their digital imaging skills. Explorations in the process, production, and role of digital imaging will provide the students with the 21st century skills necessary for personal development and the work setting. Areas of concentration include portrait photography, photo documentation and journalism, color photography, and the photo essay. Students will design a photo project and will be expected to exhibit their work.

Digital Photography 3

Basha, Chandler, Hamilton and Perry only

Grades: 11, 12 <i>Prerequisite: Digital Photography 2</i> <i>Fee Required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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This is a one-year course for students who are interested in pursuing photo and graphic communications professionally. Each student will be expected to apply the skills learned in Digital Photography 1 and 2 during a service-learning project in which they provide a photographic service to an organization or business. In addition to developing their own personal projects, students will refine professional skills required by the professional graphics industry. Digital Photography 3 students will be expected to mentor both Digital Photography 1 and 2 students.

AP Studio Art: 2-D Design Portfolio

Grades: 11, 12 <i>Prerequisite: Instructor Approval</i> <i>Fee required</i>	Full Year	1 Credit
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This program is intended for highly motivated students committed to serious study in art. IB/AP work involves significantly more time than most art courses. The program is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts. TOK curriculum will be incorporated during the school year.

AP Studio Art: 3-D Design Portfolio

Grades: 10, 11, 12 <i>Prerequisite: Ceramics I or Beginning Jewelry and/or instructor approval</i> <i>Fee required</i>	Full Year	1 Credit
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This program is intended for highly motivated students committed to serious study in art. IB/AP work involves significantly more time than most art courses. The program is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts. This portfolio is intended to address a broad interpretation of three-dimensional concepts in visual arts. TOK curriculum will be incorporated during the school year.

AP Studio Art: Drawing Portfolio

ACP Erie, Basha, Casteel, Hamilton and Perry only

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

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

IB Visual Arts SL

Chandler only

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

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

IB Visual Arts HL

Chandler only

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

AP History of Art

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

In this course, students examine major forms of artistic expression from the past as well as the present and from a variety of cultures. Students will learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. This is a rigorous course designed to prepare students for the AP examination in this subject area.

Drawing and Painting 1

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

Students will learn drawing techniques using line, shading and perspective. Projects will include drawing with charcoal, graphite and pastels on various types of paper. Class time will be spent learning and improving skills and researching art techniques. It is required that students keep a sketchbook and do short research papers.

Drawing and Painting 2

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Drawing and Painting 1</i>		
<i>Fee Required</i>		

This course is for students who want to continue their artistic development. In addition to assigned projects, the student will be encouraged to investigate media and subject matter that is of particular interest to them. It is also required that students do short research papers.

Drawing and Painting 3

Grades: 10, 11, 12	Year	1 Credit
<i>Prerequisite: Drawing and Painting 2</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

This course is for students interested in advancing their knowledge in academic skills relating to art, art terms, art techniques, mediums used, historical content, and critiquing styles to be better present and manage their own portfolios, readying them for AP Studio Art Drawing. The class focus will be on all genres of art and art mediums.

Art and Design Technology

Chandler only

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

Advanced Art and Design Technology

Chandler only

Grades: 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Art and Design Technology</i>		<i>May be repeated for credit</i>

The main focus of the advanced class is the creation of visual art using the computer art program Illustrator. Projects will also allow the study of using both Photoshop and Illustrator together to create more complex designs.

IB Film 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.

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.

Film Study 1

Basha and Perry only

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

Film Study 2

Basha 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.

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.

Multimedia and Film 1

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

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

Multimedia and Film 2

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

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

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

Multimedia and Film 3

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Multimedia and Film 2</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		

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

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

**4 credits of Math are required for graduation*

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

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

Mathematics Course Sequence for Graduation

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

Please check on pages 54 - 57 for prerequisites and specific offerings at each high school.

2nd Year Options

Geometry	Accelerated Math (Pt. 2)	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.**

4th 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 or AP course throughout their high school career.

Mathematics

Algebra 1

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

Geometry

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

Honors Geometry

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

Algebra 2

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

Honors Algebra 2

Grades: 9, 10, 11 <i>Prerequisite: Honors Geometry</i>	Full Year	1 Credit
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This course is a continuation of Honors Algebra 2 where students model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and trigonometry.

Honors Geometry & Honors Algebra 2

Casteel and Perry only

Grades: 9, 10 <i>Prerequisite: Algebra 1 or teacher recommendation</i>	Full Year	2 Credits
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This course is a standards-based mathematics curricula designed to afford students the opportunity to accelerate and complete Geometry and Honors Algebra 2 in one academic year. The course is offered as a double block class in which students will complete all of the Geometry curriculum during semester one and all of the Honors Algebra 2 curriculum during semester 2. For specific topics covered in class please refer to the Geometry and Honors Algebra 2 course descriptions.

Mathematics

IB Math Applications SL 1

Chandler only

Grades: 11	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.

IB Math Analysis SL 1

Chandler only

Grades: 10, 11	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.

College Algebra

ACP Erie, Basha, Casteel, Chandler and Hamilton only

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

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

Accelerated Math 1 and 2

Hamilton only

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

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

Mathematics Year 4

Casteel, Chandler, Hamilton and Perry only

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

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

IB Statistics

Chandler only

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

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

Mathematics

AP Statistics

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

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

Introduction to Statistics

ACP Erie, Basha and Hamilton only

Grades: 11, 12	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.

Honors Pre-Calculus

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

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

Pre-Calculus

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

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

IB Calculus AB

Chandler only

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

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

IB HL Mathematics

Chandler only

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

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

AP Calculus AB

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

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

Mathematics

Honors Business Math and Brief Calculus

ACP Erie, Chandler and Perry only

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

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

IB Calculus BC

Chandler only

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

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

AP Calculus BC

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

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

AP Calculus BC

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

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

Multivariable Calculus and Differential Equations

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

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

Linear Algebra and Advanced Math Topics

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

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

Accounting Year 1

Perry only

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

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

Physical Education

Introduction to Physical Education-Male Locker

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

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

Introduction to Physical Education-Female Locker

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

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

Aerobics/Weight Training

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

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

Advanced Aerobics/Weight Training

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

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

Lifeguard Training

Basha, Chandler and Hamilton only

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

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

Weight Training

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

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

Advanced Weight Training

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

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

Athletics-Boys Locker

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

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

Physical Education

Athletics-Girls Locker

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

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

Spiritline

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

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

Comprehensive Health

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

Yoga Fitness

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

Body Conditioning

Chandler and Hamilton only

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

Science

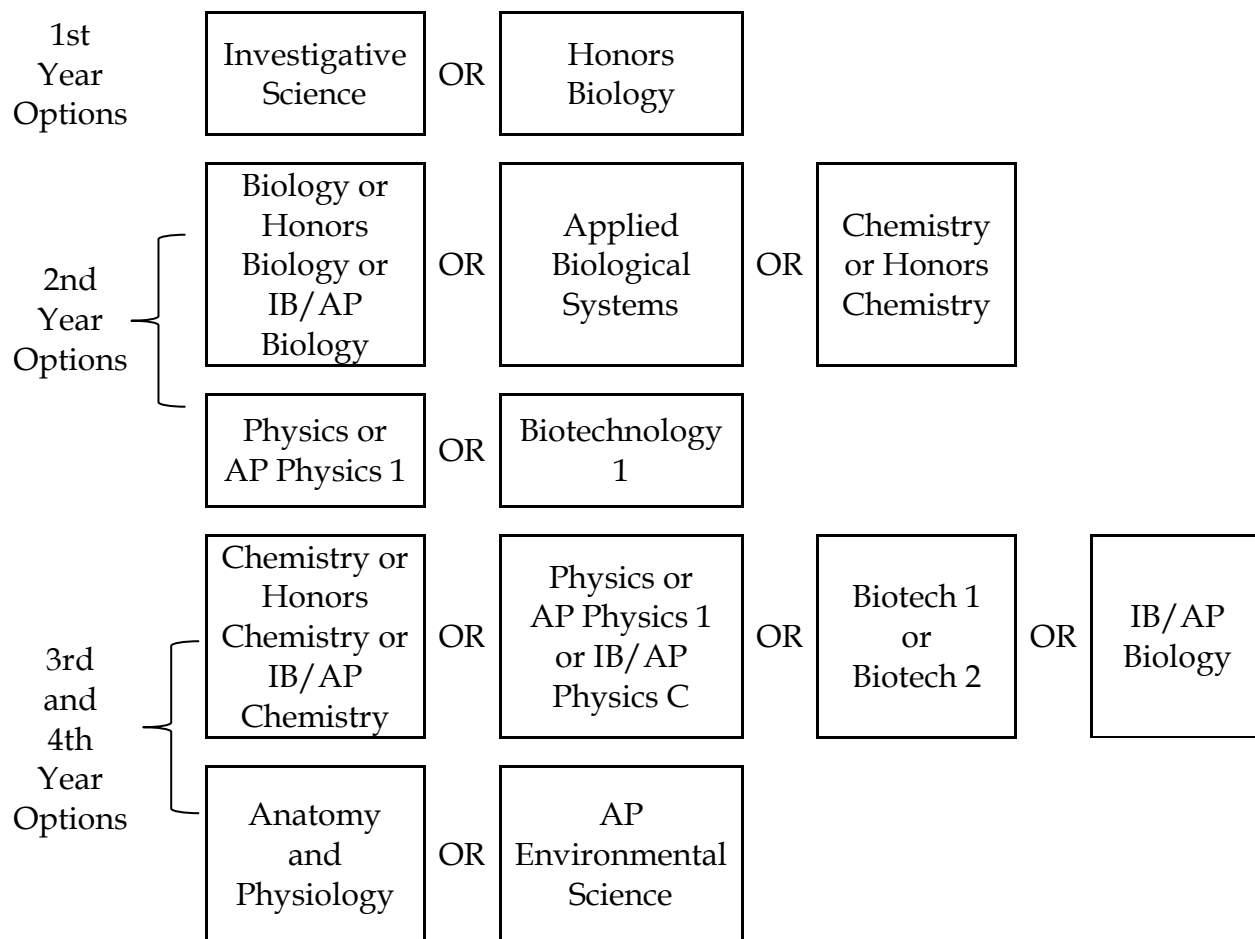
Course Sequence for Graduation

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

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

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

Please check on pages 61-64 for prerequisites and specific offerings at each high school.



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

Investigative Science: Matter, Energy and Organization

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

Biology

Grades: 10 or Admin Approval <i>Prerequisite: Investigative Science</i>	Full Year	1 Credit
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This is a lab-oriented course designed to study the major areas of life and living things. Emphasis will be on the major integrating themes of biology.

Honors Biology

Grades: 9, 10 <i>Prerequisite: Concurrent enrollment in Geometry</i>	Full Year	1 Credit
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This is a rigorous science course intended for students who are seriously considering preparation for a science curriculum at a post-secondary institution.

Anatomy and Physiology

Grades: 11, 12 <i>Prerequisite: Biology and Chemistry</i>	Full Year	1 Credit May be offered for Dual Credit
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This course deals with structure and function of the human body and is recommended for students interested in a medical career. A thorough study of the systems of the body is presented. Because of similarities to human systems, group dissections of a cat and organs of sheep may be performed.

IB Biology 1

Chandler only

Grades: 11, 12 <i>Prerequisite: Chemistry required; Honors Biology and Honors Chemistry strongly recommended</i>	Full Year	1 Credit May be offered for Dual Credit
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This course includes topics covered in a college introductory biology course and differs from the usual first high school biology course with respect to the textbook used, the range and depth of topics covered, laboratory work and time and effort required by students. The course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. TOK curriculum will be incorporated during the school year.

IB Biology 2

Chandler only

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

Science

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.

Chemistry

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

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

Fundamentals of Physical Science

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.

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.

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.

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.

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.

Science

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.

AP Environmental Science

Basha, Chandler and Perry only

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

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

IB Environmental Systems and Societies

Chandler only

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

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

IB Sports, Exercise and Health Science

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Pre-requisite: Honors Biology and Honors Chemistry</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.

Physics

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

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

AP Physics 1

ACP Erie, Basha, Casteel, Hamilton and Perry only

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

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

AP Physics C: Mechanics

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

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.

IB Physics

Chandler only

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

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

Biotechnology 1

Basha only

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

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

Biotechnology 2

Basha only

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

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

Honors Science Research

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

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

Social Studies

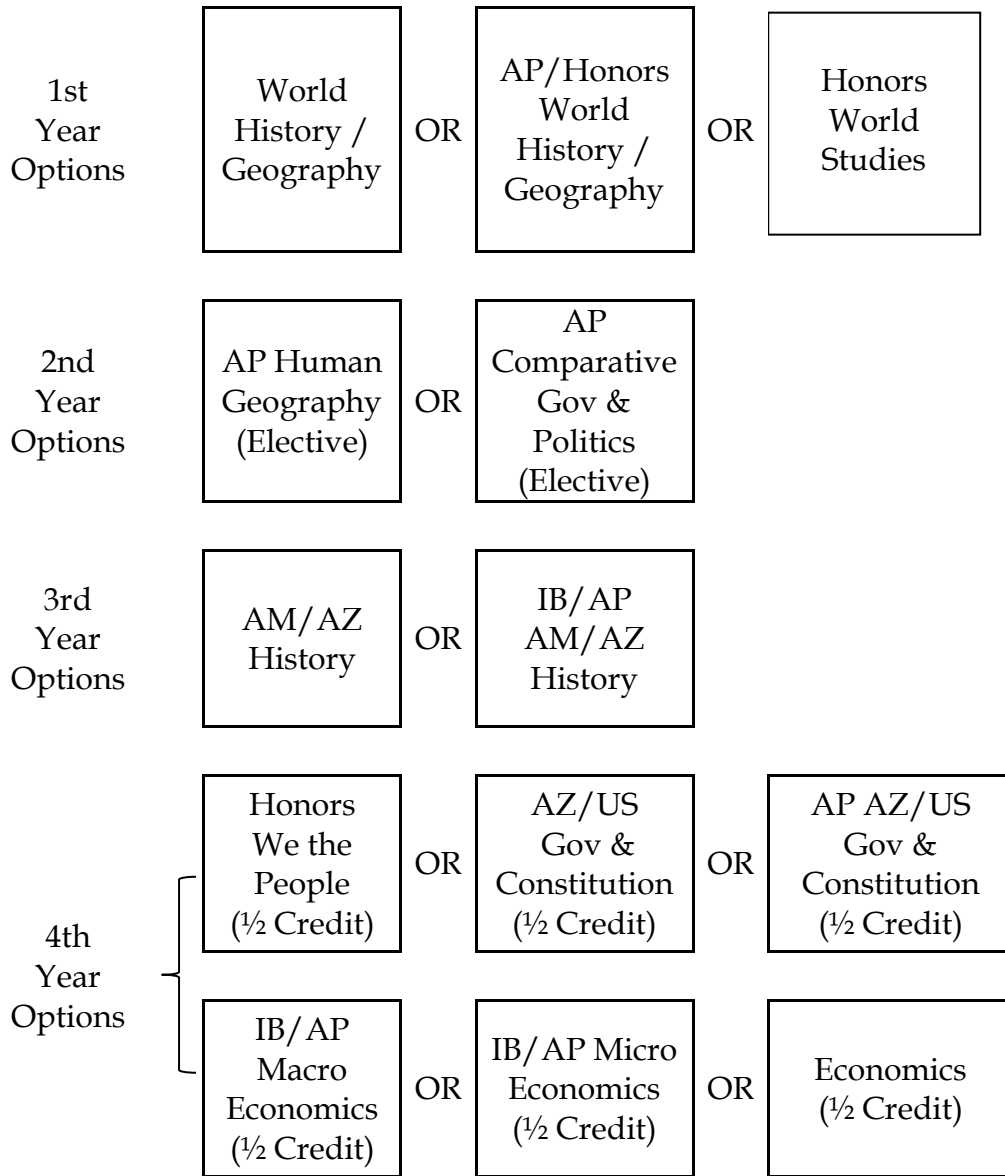
Course Sequence for Graduation

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

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

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

Please check on pages 66-70 for prerequisites and specific offerings at each high school.



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

Social Studies

World History and Geography

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

Honors World History and Geography

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

AP World History and Geography

ACP Erie, Basha, Casteel and Perry only

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

Honors World Studies

Hamilton only

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

AP Comparative Government and Politics

Basha, Chandler and Hamilton only

Grades: 10, 11, 12	Full Year	1 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 World History exam.

AP Human Geography

Grades: 10, 11, 12 <i>Prerequisite: Instructor approval</i>	Full Year	1 Elective Credit
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Human Geography will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students will study at least one of the following regions in depth: Africa, Americas, Europe, Asia, and Australia. This course will prepare students to take the AP Human Geography exam.

Social Studies

American/Arizona History

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

AP American/Arizona History

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

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

IB American/Arizona History

Chandler only

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

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

Honors We the People

ACP Erie, Casteel, Chandler, Hamilton and Perry only

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

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

US/AZ Government and Constitution

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

IB US/AZ Government and Constitution

Chandler only

Grades: 10, 11, 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 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.

Social Studies

Economics

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

AP Macroeconomics

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

IB Macroeconomics

Chandler only

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

IB Microeconomics

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.

IB US/AZ Government/Economics

Chandler only

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

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

IB MYP US Government and Economics

Chandler only

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

This course is for IB MYP students who plan to continue in the IB Program. The courses will address multiple aspects of the IB Middle Years Program such as global contexts, personal project and IB MYP related concepts of consumption, equity, growth, causality, culture and perspective.

Psychology

ACP Erie, 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.

Social Studies

Developmental Psychology

Chandler only

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

Social Psychology

Basha and Chandler only

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

AP Psychology

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

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.

Student Government

Grades: 9, 10, 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: Election or Selection</i>		

This is a class period for activities related to student government and leadership. This course may be repeated for credit. Election for incoming 9th grade students will be held in the fall.

Criminal Justice

Hamilton and Perry only

Grades: 11, 12	Full Year	1 Elective Credit
<i>Prerequisite: 9-10 grade students by instructor approval only</i>		

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.

Police Science I

Basha only

Grades: 9, 10, 11, 12	Semester	½ Elective Credit
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This course provides students with a basic introduction to law enforcement through the following subjects: constitutional law, criminal law, traffic law, search and seizure, patrol and observation, courts, traffic stops, police defensive tactics, criminology and more. Students will have an opportunity to experience police work first hand through scenarios and practical training utilizing proven police techniques. This course is conducted in a police academy-type atmosphere. The course work consists of sixty-percent classroom work and forty-percent lab/field work. A separate notebook is required for this course. Students with a felony arrest record will not be enrolled in this class.

Current Events

Chandler only

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

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

Social Studies

Historical Studies: Cold War

Basha, Chandler and Perry only

Grades: 10, 11, 12

Semester

½ Elective Credit

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

US Military History

Casteel only

Grades: 10, 11, 12

Semester

½ Elective Credit

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.

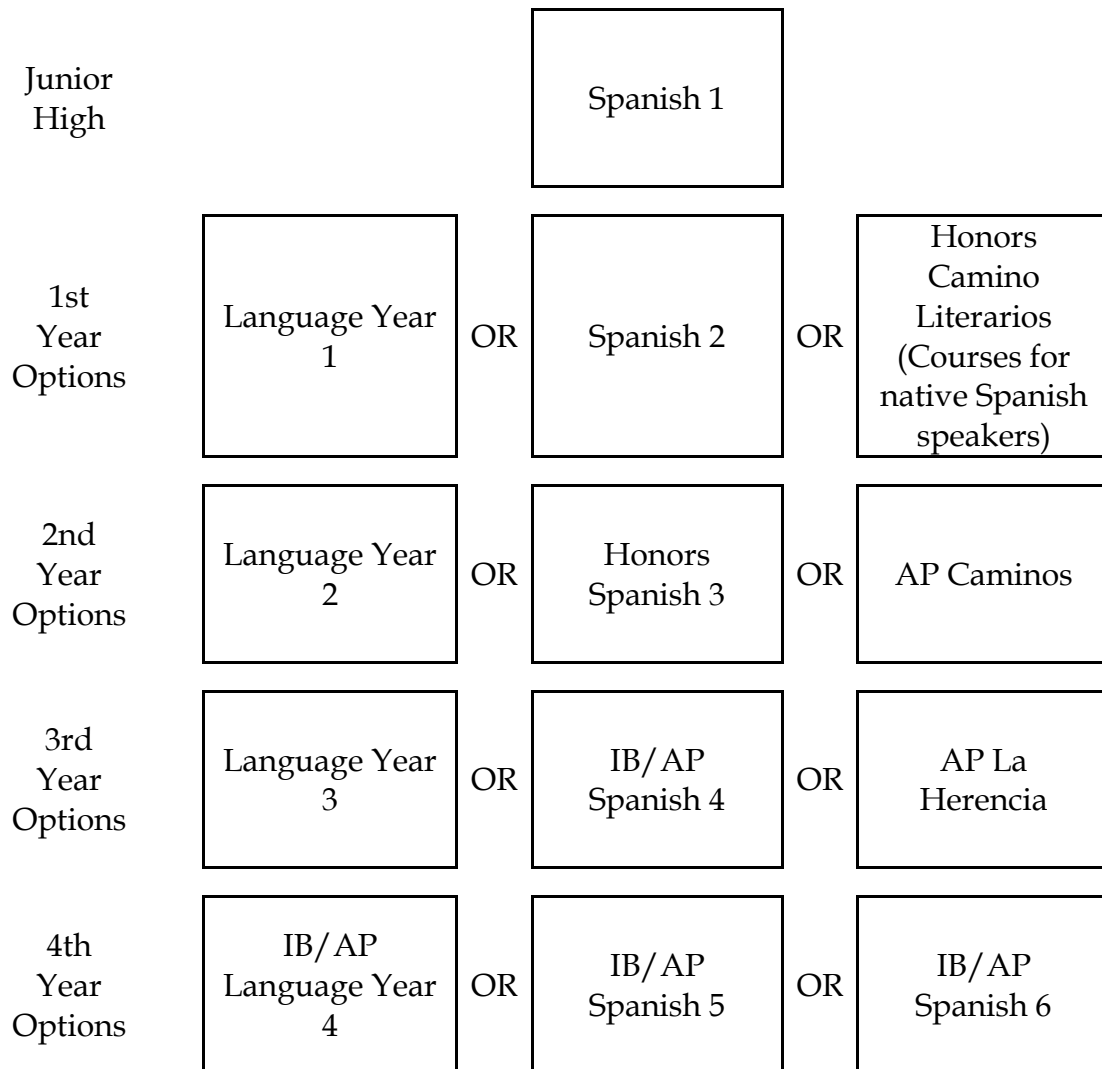
World Language

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 72-77 for prerequisites and specific offerings at each high school.



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

World Language

American Sign Language 1

ACP Erie, Basha, Casteel and Perry only

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

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

American Sign Language 2

ACP Erie, 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.

Honors American Sign Language 3

ACP Erie, 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.

Honors American Sign Language 4

ACP Erie 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.

French 1

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

French 2

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

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

AP French Language and Culture [Year 4]

Basha, 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

IB/AP French 4

Chandler only

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

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

AP French Language and Culture [Year 5]

Chandler and Hamilton only

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

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

IB French 5

Chandler only

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

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

AP French Language and Culture [Year 6]

Chandler only

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

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

IB French 6

Chandler only

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

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

German 1

Casteel, Chandler, Hamilton and Perry only

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

World Language

German 2

Chandler, Hamilton and Perry only

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

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

Honors German 3

Chandler, Hamilton and Perry only

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

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

AP German Language and Culture [Year 4]

Chandler, Hamilton and Perry only

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

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

IB German 4

Chandler only

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

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

AP German Language and Culture [Year 5]

Chandler, Hamilton and Perry only

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

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

IB German 5

Chandler only

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

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

TOK curriculum will be incorporated during the school year

World Language

Spanish 1

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

Spanish 2

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

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

Honors Spanish 3

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

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

AP Spanish Language and Culture [Year 4]

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

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

IB Spanish 4

Chandler only

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

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

AP Spanish Language and Culture [Year 5]

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

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

IB Spanish 5

Chandler only

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

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

World Language

AP Spanish Literature and Culture [Year 6]

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

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

IB Spanish 6

Chandler only

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

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

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.

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.

AP Spanish Literature and Culture [La Herencia Espanola]

Chandler and Hamilton only

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

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

Mandarin Chinese 1

ACP Erie, Basha, Casteel, Chandler and Hamilton only

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

World Language

Mandarin Chinese 2

ACP Erie, Basha, Casteel, Chandler and Hamilton only

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

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

Honors Mandarin Chinese 3

ACP Erie, Basha, Casteel, Chandler and Hamilton only

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

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

AP Chinese Language and Culture [Year 4]

ACP Erie, Basha, Casteel and Hamilton only

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

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

AP Chinese Language and Culture [Year 5]

ACP Erie, 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.

AP Chinese Language and Culture [Year 6]

ACP Erie 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

AP Seminar (Year 1 of AP Capstone)

ACP Erie, 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.*

AP Research (Year 2 of AP Capstone)

ACP Erie, 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.*

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.

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.

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.

AVID

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.

Miscellaneous Courses

Avid Tutors

Grades: 10, 11, 12 <i>Prerequisite: Avid Instructor approval</i>	Semester	½ Credit Pass/Fail grade only <i>May be repeated for credit</i>
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This class will focus on the use of effective Socratic questioning skills and other leadership skills. Students will apply these skills when they tutor small groups of AVID college-prep junior and high school students in a variety of settings. This class will be limited; therefore, selection will be based on attendance, eligibility for four-year college admittance, and being a positive role model. Students fulfilling all yearlong requirements may be eligible to be certified as a national AVID tutor. This is an excellent course for students who may be considering a career in education or leadership.

Release Time

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

IB Personal and Professional Skills

Chandler only

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

IB Theory of Knowledge

Chandler only

Grades: 11, 12 <i>Prerequisite: Recommended for IB students</i>	Full Year	1 Elective Credit <i>May be taken as Fine Arts credit</i>
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The purpose of this course is to enable students to unify the knowledge they have acquired in a dispersed fashion during the course of their schooling. This is an opportunity to reflect upon their acquired knowledge so that they may discern what in any subject distinguishes the subjective from the objective, the particular from the universal, opinion from scientific knowledge. Students will consider logical symbolism, the formation of scientific concepts, mathematics and reality, the nature and basis of moral, political and aesthetic judgments, and the implications of opinion, faith, knowledge and truth. This course is required for the IB diploma. TOK curriculum will be incorporated during the school year.

Robotics

ACP Erie and Chandler only

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

Chandler Online Academy – Enrollment Information

Website - <https://www.cusd80.com/COA>



Frequently Asked Questions

Who can enroll in Chandler Online Academy?

Any high school student with a primary residence in Arizona can enroll in Chandler Online Academy as a Part-time, Concurrent, or Full-time student.

How do prospective students enroll?

Students who would like to take less than a full schedule of classes at their traditional CUSD school and some online with COA must first obtain approval from their school counselor, and then complete the "Concurrent Enrollment" application on the Enroll Now page on our website. Students who wish to take all of their courses online from home can enroll in the Full-time Program. Visit the Programs section for more information or go to Enroll Now on our website to complete the appropriate online enrollment form for either Part-time, Concurrent, or Full-time enrollment.

What is the difference between Concurrent and Part-time Enrollment?

Concurrent enrollment is appropriate for high school students scheduled to attend a CUSD school for less than a full schedule (less than 6 semester courses). These students may also enroll concurrently with Chandler Online Academy to take the remaining classes online, for a total of 6 semester courses combined.

Part-time is appropriate for CUSD students enrolled in a full schedule (6 semester courses) at a CUSD school or who need to take an online class for credit recovery (replacement of a failing grade) or grade replacement (replacement of a lower grade). The fee for Part-time enrollment in each 0.5 credit class with COA is \$160.00. Students can take no more than 2 classes at a time. *AP classes are only available for Part-time enrollment for students needing credit recovery or grade replacement (students who previously took the AP class but did not earn a passing grade).