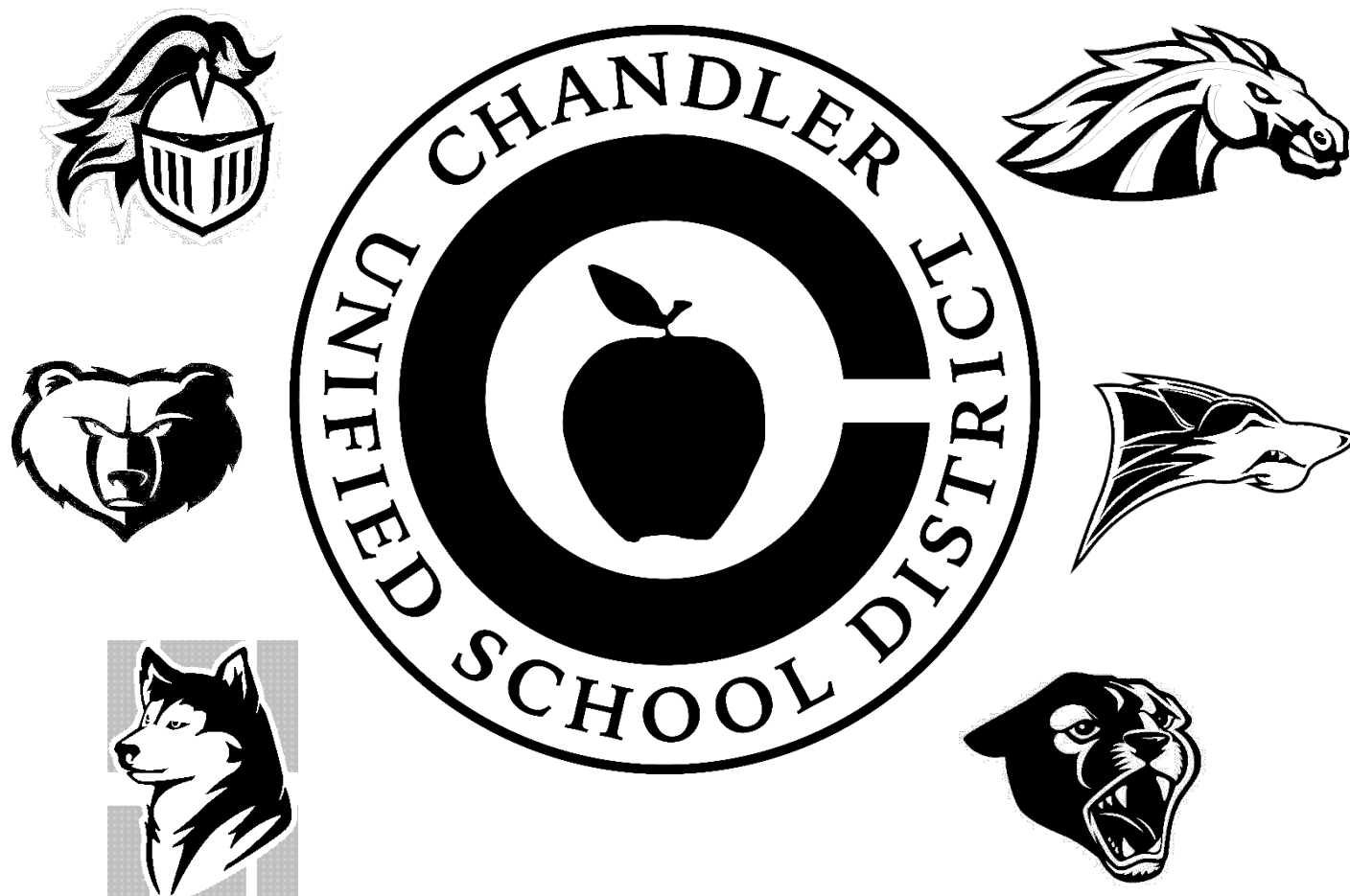


**2023 – 2024**  
**HIGH SCHOOL COURSE CATALOG**



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

# **Chandler Unified School District**

## **2023 – 2024 Course Description Catalog**

### **Grades 9-12**

#### **Governing Board**

Barb Mozdzen  
Jason Olive  
Kurt Rohrs  
Patti Serrano  
Joel Wirth

#### **District Administration**

Mr. Franklin R. Narducci, Superintendent  
Dr. Craig L. Gilbert, Associate Superintendent of PreK-12 Educational Services  
Dr. Wendy Nance, Associate Superintendent for Human Resources

#### **Arizona College Prep**

Rob Bickes, Principal  
[www.cusd80.com/acphs](http://www.cusd80.com/acphs)

#### **Basha High School**

Marques Reischl, Principal  
[www.cusd80.com/bhs](http://www.cusd80.com/bhs)

#### **Camille Casteel High School**

Jayson Phillips, Principal  
[www.cusd80.com/cchs](http://www.cusd80.com/cchs)

#### **Chandler High School**

Michael Franklin, Principal  
[www.cusd80.com/chs](http://www.cusd80.com/chs)

#### **Hamilton High School**

Mike DeLaTorre, Principal  
[www.cusd80.com/hhs](http://www.cusd80.com/hhs)

#### **Perry High School**

Heather Patterson, Principal  
[www.cusd80.com/phs](http://www.cusd80.com/phs)

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## CHANDLER UNIFIED SCHOOL DISTRICT EDUCATIONAL PROGRAMS

### ***NOTICE OF NONDISCRIMINATION***

#### **Notice of Nondiscrimination**

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

#### **Compliance officers for Title IX**

**Notice of Non-discrimination:** [www.cusd80.com/nondiscrimination](http://www.cusd80.com/nondiscrimination)

Dr. Craig Gilbert, Associate Superintendent of PreK-12 Educational Services  
1525 W. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7630

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

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

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

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

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

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

#### **Aviso de no discriminación**

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

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

**Aviso de no discriminación:** [www.cusd80.com/nondiscrimination](http://www.cusd80.com/nondiscrimination)

Dr. Craig Gilbert, Superintendente Asociado de Servicios Educativos PreK-12  
1525 W. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7630

Dr. Jeff Filloon, Director Ejecutivo de Recursos Humanos  
1525 W. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7640

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

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

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

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

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

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

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

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

-Student's name	-Participation in officially 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	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# General Information

This catalog lists the high school courses offered in the Chandler Unified School District. Students need to carefully consider the information in this catalog so they can make informed decisions about their course of study while attending a CUSD high school. Requests for reasons of teacher preference will not be honored. Counselors are also available to assist students with course selections and to answer questions about their schedules.

Please note the following:

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

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

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

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

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

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

## Course Credits

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

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

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

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

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

Challenge Tests – Students may have to take a challenge test to earn **core credit** from another educational institution.

If the educational institution is not accredited by one of our approved accrediting agencies, students will have to pass a district test to receive core credit. Otherwise, elective credit will be issued. Courses with weighted grades cannot be challenged.

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

# General Information

## Cross-credit Courses

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

- Courses that may be used or applied toward the physical education requirement: Spiritline, Beginning Dance, Intermediate Dance, Advanced Dance, Drill Team/Color Guard, Marching Band, Color/Winterguard and AFJROTC. Marching Band, Color/Winterguard, and AFJROTC credit will waive PE credit if the student successfully completes three semesters.
- Courses that may be applied toward the science requirement: Applied Biological Systems may be applied as a Biology credit. Biotechnology 1 and Biotechnology 2 may be applied as a lab science course. Students may receive a lab science credit with the combined completion of Agriscience 1 and Agriscience 2. The following classes from EVIT will count as a full year science credit: MC19 Intro to Medical Assistant, MC29 Intro to Nursing Assistant, MC37 Intro to Emergency Medical Technician, MC38 Intro to Physical Therapy, MC39 Intro to Occupational Therapy Aide and MC59 Intro to Dental Assisting.
- Courses that may be applied toward the economics requirement: Agriculture Business Management, Business Applications, Marketing and Economics Applications, and the following Cooperative Education courses: Family & Consumer Sciences, Agriculture Business management, Business, Marketing & Economics, and Industrial Education.

## Education and Career Action Plan

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

## Arizona State Seal of Bi-literacy

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

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

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

## Arizona State Seal of Arts Proficiency

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

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

# General Information

## Program Planning

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

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

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

Curriculum Area	Chandler Unified School District Graduation Requirements	Arizona University Entrance Requirements
English	4 credits	4 credits
Math	4 credits Student should complete one year in the same math course to receive credit towards graduation.	4 credits
Science	3 credits Student must complete one year in the same science course to receive credit towards graduation. Investigative Science, Biology, Chemistry, Physics and Anatomy and Physiology	3 lab science credits One unit from any three of the following: biology, chemistry, physics, earth science, integrated lab science. May also include an advanced study in one area.
Social Studies	3 credits World History/Geography, Economics, American/AZ History, US/AZ Government	2 credits 2 years social sciences (including 1-year American history)
Career and Technical Education/Fine Arts	1 credit	1 Fine Arts credit or 1 CTE
World Language	0 credit	2 credits 2 years of the same language
Physical Education	1 credit	0 credit
Comprehensive Health	½ credit	0 credit
Required Courses	16 ½ credits	16 credits
Elective Courses	5 ½ credits	0 credits
Total Required Credits	22 credits	16 credits

# High School Four Year Plan

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

## Post-secondary plan

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

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

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

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

Total credits CUSD required = 22

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

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

# General Information

## Explanation of Grades Non-Weighted Classes

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

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

## Weighted Classes

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

## Pass/Fail Option

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

## Advanced Courses

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

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

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

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

# General Information

## Admission to Colleges and Universities

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

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

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

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

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

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

## Attendance Requirements

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

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

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

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

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

## Classes Taken a Second Time

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



# General Information

## 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](http://www.cusd80.com/Page/94517).

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

## Correspondence Courses and Distance Learning Courses

Four credits from correspondence/distance learning courses may be accepted toward the graduation requirements from providers outside the Chandler Unified School District. Students should consult with their counselor before enrolling in courses outside the Chandler Unified School District to ensure that the credit will transfer. The School District shall accept the credit as a core credit for each particular course in which the pupil takes an examination and receives a passing score on a test, aligned to the competency requirements adopted pursuant to this section, designed and evaluated by a teacher in the School District who teaches the subject matter on which the examination is based.

## Material Usage Fees

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

## Special Education

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

## East Valley Institute of Technology (EVIT)

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

# General Information

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

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

## **Cum Laude Recognition**

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

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

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

Air Force Junior 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.

# Air Force Junior ROTC

## AFJ110 Milestones in Aviation History AS 100

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

## AFJ200 Science of Flight AS 200

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

## AFJ220 Cultural Studies: An Introduction to Global Awareness AS 220

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

## AFJ300 Exploring Space AS 300

Grades: By site	Full Year	1 Credit
-----------------	-----------	----------

*Prerequisite: Understand that uniform wear and grooming standards are required*

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

## AFJ420 Management of the Cadet Corps AS 400

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

## AFJ450 Aviation Honors Ground School AS 450

Hamilton only

Grades: By site	Semester	½ Credit
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*Prerequisite: 11<sup>th</sup> or 12<sup>th</sup> grade student with Instructor approval*

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

# Air Force Junior ROTC

## AFJ500 Competitive Drill Team AS 500 / Honor Guard AS 500

Hamilton/Basha/Chandler only

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

In-depth instruction concentrates on the elements of military drill. Competitive drill teams emphasize teamwork, attention to detail, and precision formation movements and are regulated by AIA and District eligibility rules for competitions. Honor Guard teams are trained for ceremonial performances and protocol for civilian and military events where they earn community service hours. *If the student successfully completes three semesters of AFJROTC, one credit of PE will be waived. NOTE: Competitive Drill Team at HHS only / Honor Guard at BHS and CHS only.*

## AFJ410 Survival Training AS 410

Basha only

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

Cadets learn the skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Understand that uniform wear and grooming standards are required.

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

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

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

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

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

### LE 300 - Life Skills and Career Opportunities

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

### LE 400 - Fundamentals of Management

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

# Career & Technical Education (CTE)

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

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

Students can choose to participate in program area capstone course by enrolling in an Internship Program. See page 19 for more details.

CTE programs include:

- Agriscience\*
- Air Transportation (Drone Operator)\*
- Automotive Technologies\*
- Biotech
- Cabinetmaking
- Culinary Arts
- Digital Animation  
(Game Design & 3D Animation)
- Digital Communication
- Digital Photography
- Early Childhood Education
- Education Professions
- Engineering\*
- Fashion Design & Merchandising
- Film & TV Production
- Graphic Design
- Marketing
- Network Security (Cyber Security)
- Nursing Services
- Software & App Design
- Sports Medicine and Rehabilitation
- Stagecraft

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

# General Information

## Career & Technical Education Internship Programs

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

### Internship Programs

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

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

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.

# Career & Technical Education

## AGS100 Plants, Animals, and Leadership Science (PALS)

Basha and Chandler only

Grades: 9, 10, 11, 12

Full Year

1 Credit

Prerequisite: None

Students enrolled in or completed AGS100 cannot take AGS200

May be offered for Dual Credit

Students will learn how agriculture plays a key role in the U.S. and world economy through experiential learning in the area of plant and animal sciences, mechanics, and leadership development. A Supervised Agricultural Experience Program (SAE) is required for all students. Students will participate in FFA where they will develop leadership and skills for career success. FFA offers leadership and community service opportunities to assist with entrance into college.

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

## AGS200 Applied Biological Systems

Basha and Chandler only

Grades: 9, 10, 11, 12

Full Year

1 Credit

Prerequisite: None

Students enrolled in or completed AGS200 cannot take AGS100

This course may be applied as Biology credit.

May be offered for Dual Credit

Students will utilize experiential learning to focus on how plant and animal sciences play a key role in Biology. Emphasis will be on major biology components and how they relate to life. A Supervised Agricultural Experience Program (SAE) is required for all students. Students will participate in FFA where they will develop leadership and skills for career success.

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

## AGS230 AgriScience 1

Basha and Chandler only

Grades: 10, 11, 12

Full Year

1 Credit

Prerequisite: Concurrent enrollment or completion PALS or ABS

May be offered for Dual Credit

This course focuses on plant sciences, specifically with plant production in the greenhouse. Units include plant growth and development, hydroponics, propagation, nutrition, pests, greenhouse management, landscape plant identification, design and installation of irrigation systems, and equipment maintenance. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this course. FFA offers leadership and community service opportunities to assist with entrance into college. Completion of Agriscience 1 and 2 will provide one credit of laboratory science for university admission or high school credit and one CTE credit. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

## AGS240 AgriScience 2

Basha and Chandler only

Grades: 10, 11, 12

Full Year

1 Credit

Prerequisite: Concurrent enrollment or completion of Agriscience 1

May be offered for Dual Credit

This course focuses on the animal sciences as well as the history and trends in animal industries. Units include animal selection, health, nutrition, reproduction, genetics, meat evaluation, and horse care. Business principles of the animal industries are included. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this same course. FFA offers leadership and community service opportunities to assist with entrance into college. Completion of Agriscience 1 and 2 will provide one credit of laboratory science for university admission or high school credit and one CTE credit. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).



# Career & Technical Education

## AGS110 Agriculture Engineering

Basha and Chandler only

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

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

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

## AGS420 Agriculture Business Management

Basha and Chandler only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Agriscience 2</i>		<i>May be offered for Dual Credit</i>
<i>This course may be taken for Economics credit</i>		

Students will learn the basics of agricultural business management. Topics include entrepreneurship, profit-maximizing principles, salesmanship, leadership in the workplace, machinery management, and job interview skills. A project will be required of all students. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success. FFA offers leadership and community service opportunities to assist with entrance into college. *At Chandler High School, 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## AGS260 Agriculture Chemistry (NOT CTE)

Chandler only

Grades: 10-12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Agriscience 2</i>		<i>May be offered for Dual Credit</i>
<i>This course may be taken for a Chemistry Credit</i>		

The purpose of this course is to provide an applied view of chemistry topics. It will allow students to learn chemistry while using agriculture as a practical way to do so, while also preparing students for agriscience careers. Students would be more prepared to enter an agriscience career due to the availability of a higher-level agriculture science class.

# Career & Technical Education

## MRK200 Marketing 1

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

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

## MRK330 Marketing 2

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

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

## MRK300 School Based Enterprise

**ACP, Basha, Casteel, Chandler and Perry only**

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Marketing 2</i>		May be repeated for credit
<i>Fee Required</i>		May be offered for Dual Credit

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

## MRK420 Marketing and Economic Applications

**Chandler & Perry only**

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Marketing 2</i>		
<i>Fee Required</i>		
<i>This course may be taken for Economics credit.</i>		

Marketing and Economics Applications provides instruction and training for students preparing for careers in marketing, management and entrepreneurship. Students will receive instruction related to success as an employee, commercial selling, advanced marketing concepts, advanced marketing research, written and verbal communication skills, problem solving skills, personal finance, investing, and leadership. One hour of credit is given for classroom work for the full year. Students are required to join DECA, which is the Career and Technical Student Organization. Opportunities available through DECA include leadership development, field trips, travel, and competition.

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

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

# Career & Technical Education

## CUL100 Culinary Arts 1

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

Culinary Arts 1 is designed to introduce students to the theory and practice of the basic fundamentals of cooking. Emphasis is on safety, sanitation, terminology, measurements, nutrition, and knife skills. Class may be enhanced through labs, guest speakers, and leadership opportunities through the club FCCLA (Family, Career, Community Leaders of America). Students need to be aware that class will use foods that contain allergens. Consult with teacher for specific information.

## CUL200 Culinary Arts 2

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

Culinary Arts 2 builds upon the fundamental techniques learned in Culinary Arts 1 with exploration of various cooking techniques and preparation methods for full meals. Cooking experience gained through classroom instruction as well as various catering opportunities. Membership in FCCLA required. Students need to be aware that class will use foods that contain allergens. Consult with teacher for specific information. Industry certification may be offered in this course.

## CUL300 Culinary Arts 3

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

Culinary Arts 3 is designed to allow students to extend their knowledge of catering, hospitality, baking and calculating food costs by providing catered events for the school and community. The focus and structure will revolve around competition and Front of the House experience, so that student's will be prepared to work in the food services and hospitality industries. Culinary leadership opportunities will be enhanced through FCCLA, C-CAP, and Internships. Membership in FCCLA is required. Students need to be aware that class will use foods that contain allergens. Consult with teacher for specific information. Industry certification may be offered in this course.

## DFM100 Design and Fashion Merchandising 1

**Perry only**

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

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

# Career & Technical Education

## DFM200 Design and Fashion Merchandising 2

Perry only

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

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

## ECE100 Early Childhood Education 1

Basha, Chandler, Hamilton and Perry only

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

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

## ECE200 Early Childhood Education 2

Basha, Chandler, Hamilton and Perry only

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

This course will prepare students for employment in a variety of early childhood settings. Students will develop and implement age-appropriate learning activities in the on-campus childcare center and/or early childhood environments within the community. It will also cover the management of effective childcare programs and facilities. Industry certification may be offered in this course. Students will have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

## ECE430 Early Childhood Education 3

Basha, Chandler, Hamilton and Perry only

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

This course will focus on the application of skills attained in Early Childhood Education 1 & 2 through the on-campus childcare center and/or early childhood environments within the community. Students will be working towards industry certification: The Child Development Associate Credential and/or Praxis ParaPro Certificate. Students will develop lesson plans, classroom management techniques, and a professional work portfolio. Industry certification may be offered in this course. Students will have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

# Career & Technical Education

## ECE440 Early Childhood Education 4

Basha, Chandler, Hamilton and Perry only

Grade: 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Early Childhood Education 3</i>		May be offered for Dual Credit
<i>Fee Required</i>		

This course will focus on working towards completing industry certification requirements: The Child Development Associate Credential and/or Praxis ParaPro Certificate. Students will develop employability skills through the on-campus childcare center and/or early childhood environments within the community. Incorporating lesson planning, collaboration, complex communication skills, and professional work portfolio. Industry certification may be offered in this course. Students will have the opportunity to participate in a CTSO (Career and Technical Education Student Organization) Family, Career, & Community Leaders of America (FCCLA) or Educators Rising (EdRising).

## EDP200 Education Professions 1

ACP and Casteel only

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

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

## EDP300 Education Professions 2

ACP and Casteel only

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

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

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.

# Career & Technical Education

## BIT300 Biotechnology 1

ACP, Casteel, and Basha only

Grades: 9 (Basha AMS only), 10, 11, 12  
*Prerequisite: Biology or Honors Biology*  
*Fee Required*

Full Year

1 Credit

May be offered for Dual Credit

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

## BIT400 Biotechnology 2

ACP, Casteel, and Basha only

Grades: 10, 11, 12  
*Prerequisite: Biotechnology 1*  
*Fee Required*

Full Year

1 Credit

May be offered for Dual Credit

*May be repeated for credit*

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

## NUR300 Medical Professions 1

Basha and Perry only

Grades: 11  
*Fee Required*

Full Year

1 Credit

May be offered for Dual Credit

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

## NUR400 Medical Professions 2

Basha and Perry only

Grades: 12  
*Recommended: Anatomy and Physiology*  
*Prerequisite: Medical Professions 1 and Instructor approval*  
*Fee Required*

Full Year

1 Credit

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

# Career & Technical Education

## SPM100 Sports Medicine 1

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

This course is designed for students interested in learning prevention, treatment, and rehabilitation of athletic injuries. Topics include anatomy, physiology, first aid, CPR, physical conditioning, nutrition, therapeutic modalities and therapeutic exercise. CPR for healthcare provider's certification will be obtained. Students will have the opportunity to participate in HOSA: Future Health Professionals. Students who participate in the after school Sports Medicine Student Aide Club must be enrolled in Sports Medicine 1. *At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## SPM200 Sports Medicine 2

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

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

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

# Career & Technical Education

## AUT100 Automotive Technologies 1

Chandler only

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

This course prepares the student to apply technical knowledge and skills in the areas of safety, adjustments, parts replacement, utilization of hand and power tools, plus training in application and utilization of automotive shop equipment. This course includes developing career plans, preparing for employment, participating in work based learning experiences, demonstrating oral and written communication skills, understanding financial operations of small businesses, identifying characteristics of successful leaders in the workplace and participation in leadership development activities. Hands-on lab activities are included.

## AUT200 Automotive Technologies 2

Chandler only

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

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

## AUT300 Automotive Technologies 3

Chandler only

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

This course will assist each student to gain the technical skills in automotive component diagnosis. Practical and theoretical applications of the principals involved in automotive computerized systems will be a major focus point of the class. Students will become familiar with career and occupational opportunities and certification requirements in automotive technology. Hands-on lab activities are included. Industry certification may be offered in this course.

## WDS100 Woods 1

Chandler only

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

This course teaches students the principles of safe operation of woodworking tools and machines. Students learn proper woodworking, cabinetmaking, and furniture making techniques and skills. Students are required to complete projects that utilize consumable materials. Industry certification may be offered in this course.

## WDS200 Woods 2

Chandler only

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

This class expands the students' skills in woodworking, cabinetmaking, and furniture making. Skills and techniques are developed through the completion of more complex projects. Industry certification may be offered in this course.



# Career & Technical Education

## DPH100 Digital Photography 1

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

Grades: 9, 10, 11, 12	Full Year	1 Credit
Fee Required		May be offered for Dual Credit
<i>This course may be taken for Fine Arts credit (DPH101).</i>		

This course instructs the basic fundamentals of digital imaging, including capture, editing and output. Camera, computer and printing operations will be covered and aligned with the state standards for digital photography. Photographic concepts, photographic history and photography as a career will also be covered in this beginning level course. No prior photography skills are required for this course. Students will explore the Adobe Creative Suite. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

## DPH200 Digital Photography 2

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

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

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 21<sup>st</sup> century skills necessary for personal development and the work setting. Areas of concentration include portrait photography, photo documentation and journalism, and the photo essay. Students will design a photo project and will be expected to exhibit their work. Students will explore the Adobe Creative Suite. Industry certification may be offered in this course. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

## ART306 AP Studio Art: 2-D Design Portfolio

Hamilton only

Grades: 11, 12	Full Year	1 Credit
Prerequisite: Digital Photography 2 or Instructor Approval		May be repeated for credit
<i>This course may be taken for Fine Arts credit if teacher has fine arts certification</i>		

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

## GRD100 Graphic Design 1

Basha, Chandler, Hamilton, and Perry only

Grades: 9, 10, 11, 12	Full Year	1 Credit
Fee Required		May be offered for dual credit

This course introduces the student to the creative processes used in printed and digital media fields. Students will explore the Adobe Creative Suite (Photoshop, Illustrator, and InDesign) to create visually dynamic printed and digital products. Emphasis is placed on software operation, the creative process, file and project management, employability, and professionalism. Industry certification may be offered in this course. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

## GRD200 Graphic Design 2

Basha, Chandler, Hamilton, and Perry only

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

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

# Career & Technical Education

## TVF100 Multimedia and Film 1

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

An exciting hands-on class providing fundamental concepts of video production. Learn how to operate digital video cameras, A/V mixers, and various production equipment. Film on and off campus to complete assignments and projects throughout the year. † Edit video using non-linear software on Mac computers, utilizing various Adobe Creative Suite software to develop videos into a wide variety of finalized projects. View current and classic movies 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, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

## TVF200 Multimedia and Film 2

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Multimedia and Film 1</i>		<i>May be repeated for credit</i>
<i>Fee Required</i>		
<i>This course may be taken for Fine Arts credit (TVF201).</i>		

Enrolling in this course will build on all facets of production experience by producing news programs, commercials, short films, documentaries, public service announcements, highlight reels, among other projects. Working on developing their own personal production styles and aesthetic will also be a focus. Learn to perform live event productions including live-streaming events for internal/external viewing.-This includes, but is not limited to athletic events, performing arts graduation, and announcements. Out of classroom participation including after school, evening, or weekends, may be required occasionally during the year. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

## THR100 Technical Theatre 1

ACP, Casteel, Hamilton and Perry only

Grades: 9,10, 11, 12	Full Year	1 Credit
<i>Fee Required</i>		<i>May be repeated for credit</i>
<i>This course may be taken for Fine Arts credit (THR201)</i>		

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

## THR200 Technical Theatre 2

ACP, Casteel, Hamilton and Perry only

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

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

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

# Career & Technical Education

## EGR105 Honors Intro to Engineering Design

Basha, Casteel, Hamilton, and Perry only

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

In this pre-engineering course, students use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to learn how to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of products. Students will also be introduced to Robotics via Lego Mindstorms. Emphasis is placed on analyzing potential solutions and communicating ideas to others. Industry certification may be offered in this course.

## EGR125 Honors Principles of Engineering

Basha, Casteel, Hamilton, and Perry only

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

Through problems that engage and challenge; students will explore a broad range of engineering topics, including mechanisms, strength of structures and materials, coding, and automation. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

## EGR305 Honors Digital Electronics

Basha, Casteel, and Perry only

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

Digital Electronics Technology is a course of study in applied digital logic that encompasses the design and application of electronic circuits and devices found in video games, watches, calculators, digital cameras, and thousands of other devices. Instruction includes the application of engineering and scientific principles as well as the use of Boolean algebra to solve design problems. Using computer software that reflects current industry standards, activities provide opportunities for students to design, construct, test and analyze simple and complex digital circuitry.

## EGR415 Honors Aerospace Engineering

Hamilton only

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

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

## EGR405 Honors Engineering Development and Design Capstone

Casteel only

Grades: 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Honors Digital Electronics</i>		
<i>Fee required</i>		

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

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

# Career & Technical Education

## CSC125 AP Computer Science Principles 1

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

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.

## CSC335 AP Computer Science A

ACP, Basha, Casteel, Chandler, and Perry only

## CSC305 AP JAVA (Hamilton only - NOT CTE Credit)

Grades: 10, 11, 12	Full Year	1 Credit
<i>ACP, BHS, CCHS &amp; PHS Prerequisite: AP Computer Science Principles &amp; Concurrent enrollment or completion of Algebra 1</i>		May be offered for Dual Credit
<i>Fee Required</i>		

This course concentrates on programming concepts, problem solving, and program design. Java control structures, arrays, searching and sorting methods, parameters, and objects will be studied through a variety of activities and assessment. Industry certification may be offered in this course. *At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## CSC308 IB Computer Science SL (NOT CTE Credit)

Chandler only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: Concurrent enrollment or completion of Algebra 1</i>		
<i>Fee Required</i>		

This course concentrates on programming concepts, problem solving, and program design. Java control structures, arrays, searching and sorting methods, parameters, and objects will be studied through a variety of activities and assessment. TOK curriculum will be incorporated during the school year. Industry certification may be offered in this course.

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

## CSC325 Project Lead the Way Honors Cyber Security

Hamilton, and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>PHS Prerequisite: AP Computer Science A</i>		
<i>CHS and HHS Prerequisite: AP Computer Science Principles 1</i>		
<i>Fee Required</i>		

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

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

# Career & Technical Education

## **CYB120 Honors Introduction to Computer Systems (NOT CTE Credit at BHS)**

**Basha & CTEC/Chandler only**

Grades: 9, 10, 11, 12

Semester

½ Credit

*Prerequisite: None*

May be offered for Dual Credit

*Fee Required*

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

## **CYB130 Honors Python (NOT CTE Credit)**

**Basha only**

Grades: 9, 10, 11, 12

Semester

½ Credit

*Prerequisite: Concurrent enrollment or completion of CYB120 or CSC125*

May be offered for Dual Credit

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

## **CYB230 Honors Hardware and Software Config and Support**

**Basha & CTEC/Chandler only**

Grades: 9, 10, 11, 12

Full Year

1 Credit

*Prerequisite: Concurrent enrollment or completion of CYB120*

May be offered for Dual Credit

*Fee Required*

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

## **CYB240 Honors Intro to LAN and Security Fundamentals**

**Basha & CTEC/Chandler only**

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Completion of CYB230*

May be offered for Dual Credit

*Fee Required*

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

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

# Career & Technical Education

## CYB300 Honors Linux OS and Advanced Linux

**Basha only**

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Concurrent enrollment or completion of CYB 240*

May be offered for Dual Credit

*Fee Required*

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

## CYB400 Honors Security Fundamentals and Ethics in IT

**Basha only**

Grades: 11, 12

Full Year

1 Credit

*Prerequisite: Concurrent enrollment or completion of CYB300*

May be offered for Dual Credit

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

# Career & Technical Education

## DCM100 Digital Communication 1

CTEC/Chandler & Hamilton only

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

Digital Communications prepares students to gather, process, and deliver news through a variety of print and online formats. This class will perform a variety of multimedia tasks to assist the school staff in the external promotion and storytelling of athletic programs and student-athletes. This class will produce publicity materials and content to enhance and promote athletics through social media outlets.

## ADT100 Drone Operator 1

CTEC/Chandler only

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

Students will gain the technical knowledge and fly unmanned aircraft systems (UAS), learn the principles of aircraft design and performance, aircraft flight systems and controls, governmental rules and regulations pertaining to piloting aircraft. In addition, they will analyze, troubleshoot, and maintain instrumentation and control systems used in constantly evolving drone technology.

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

## ADT200 Drone Operator 2

CTEC/Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: None</i>		May be offered for Dual Credit
<i>Course Fee Required</i>		

This course will introduce students to basic aircraft and UAS structures and their major components, principles of flight, and the fundamentals physical laws affecting flight. Students will learn about basic aerodynamics and forces that act on aircraft in flight. This course will also introduce the main systems found on large and small airplanes and UAS.

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

## GDA100 Game Design & 3D Animation 1

CTEC/Chandler only

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

Acquire the fundamentals of the world of game design, 3D animation and virtual reality by creating 3D objects and other elements necessary to create 3D games and animation. Students will have the opportunity to design and interact with Unity to create 3D modeling, animation, virtual world building, digital gaming and the elements to start building virtual reality (VR). Students will also learn valuable skills in Adobe Creative Cloud and Blender.

## GDA200 Game Design & 3D Animation 2

CTEC/Chandler only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: None</i>		May be offered for Dual Credit
<i>Course Fee Required</i>		

Explore the world of advanced game design, 3D animation and virtual reality (VR) by creating your own game. Students will have the opportunity to design and interact with Unreal Game Design to create 3D modeling, animation, virtual world building, digital gaming, and VR. Students will also learn valuable skills in Adobe Creative Cloud and Blender.

# 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.

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 <sup>th</sup> 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*



## ENG100 English 9

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

## ENG120 Resource English 9

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

## ENG110 Essentials English 1

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

## ENG 130 Targeted ELD English 9

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

## ENG105 Honors English 9

Grades: 9	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.

## ENG200 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.

## ENG220 Resource English 10

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

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

## ENG210 Essentials English 2

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

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

## ENG230 Targeted ELD English 10

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

## ENG205 Honors English 10

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

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

## ENG300 English 11

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

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

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

## ENG320 Resource English 11

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

Resource English 11 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource English 11 uses the eleventh-grade state standards. Resource English 11 moves at an adapted pace and puts more focus on the grade band anchor standards. This course emphasizes reading and writing for a full year. English 11 offers an integrated program of writing and literature, focusing on the study of American Literature and persuasive/argumentative writing. Students will also write a compare and contrast composition, research paper, narrative, and a literary analysis. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

## ENG310 Essentials English 3

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

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

## ENG330 Targeted ELD English 11

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

## ENG305 AP English Language and Composition

Grades: 11	Full Year	1 Credit
<i>Prerequisite: Honors English 10</i>		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 course have above average listening, reading, writing, and computer skills. Please note that this class uses a college-level reading list, which is available from the instructor upon request.

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

## ENG308 IB English 11

**Chandler only**

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

## ENG400 English 12

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

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

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

## ENG420 Resource English 12

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

Resource English 12 provides students with services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource English 12 uses the twelfth-grade state standards. Resource English 12 moves at an adapted pace and puts more focus on the grade band anchor standards. This course emphasizes reading and writing for a full year. English 12 emphasizes the analysis of British and world literature, development of critical thinking, and writing for the argumentative/persuasive, research, and narrative genres. Academic resume writing is taught. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

## ENG430 Essentials English 4

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

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

## ENG440 Targeted ELD English 12

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

## ENG405 AP English Literature and Composition

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

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

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

## ENG408 IB English 12

**Chandler only**

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

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

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

## ENG418 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*

## ENE300 Humanities

Basha, Casteel, Chandler and Perry only

Grades: 11, 12	Full Year	1 Elective Credit
Prerequisite: 9, 10 Language Arts		

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

## ENG410 College Prep English 1 & 2

Basha, Casteel and Perry only

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

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

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

## ENG415 Honors Science and Technical Writing

ACP, Casteel and Hamilton only

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

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

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

## ENE100 Journalism

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

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

## ENE200 Creative Writing

ACP, Basha, Casteel, Hamilton and Perry only

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

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

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

## ENE210 Newspaper Staff

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

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

## ENE220 Yearbook Staff

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

Members of this class will produce the school yearbook. This will include all planning, writing, photography, and page design for the book, as well as supervising its distribution. Students should have a background in writing, photography, computers, and graphic design. There is after school, evening and weekend work.

## ENE110 Honors Academic Decathlon

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

This course is a yearlong elective which exposes the student to the integrated nature of human experience. Students will conduct research and critical inquiry into a broad array of academic disciplines and communication skills covering this year's theme. Students will evaluate material covered in the course from ethical, aesthetic, and intellectual perspectives. Students will master the basic content knowledge requirements of the academic areas of art, economics, language, literature, music, physical or social science, speech and the super quiz topic. Participation in at least one competition is required.

## ENE180 Speech and Debate

ACP, Casteel, Hamilton and Perry only

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

Various individual and group speech activities center on the development of student public speaking ability. Students are introduced to several types of speeches leading to methods of speech preparation techniques for delivery. This class can be instrumental in the development of self-confidence. Introduces students to argumentation research and public speaking. Traditional two-man debate and Lincoln-Douglas debate are studied with an emphasis on case writing and development of pro and con approaches to a topic. Students will prepare and compete in a variety of debate tournaments across Arizona.

## ENG450 English Strategies

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

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

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

# Fine Arts

## THA100 Theatre Arts 1

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

## THA110 Theatre Arts 2

Grades: 9, 10, 11, 12	Semester	½ Credit
<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.

## THA200 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.

## THA210 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.

## THA120 Stagecraft

**Basha, Casteel, Chandler and Perry only**

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.

## THA230 Jr. Company/Performance Theatre

**ACP, Casteel and Hamilton and Chandler only**

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Theatre I &amp; II or Teacher Approved</i>		

Students will gain skills in advanced script analysis and character development. Student will be better prepared to do advanced scene work and can justify their choices for characterization and blocking. Students are more prepared to audition for Company/Performance Theatre, better prepared to perform for competitions and college auditions. Students will begin to develop the skills of selecting quality pieces for auditions and competition.

## THR100 Technical Theatre 1

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

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

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

# Fine Arts

## THR200 Technical Theatre 2

ACP, Casteel, Hamilton and Perry only

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

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

## ORC100 Concert Orchestra

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

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

## ORC110 Symphonic Orchestra

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

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

## ORC120 Chamber Orchestra

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

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

## ORC130 Full Orchestra

ACP and Perry only

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

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



## BND100 Marching Band

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

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

## BND140 JV Band

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

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

## BND110 Concert Band

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

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

## BND130 Symphonic Band

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

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

## BND120 Wind Ensemble

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

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

## BND150 Jazz Band

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

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

# Fine Arts

## BND160 JV Jazz Band

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

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

## MUS100 Creative Musicianship

**Basha & Hamilton only**

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

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

## BND170 Color/Winterguard

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

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

## BND180 Percussion

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

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

## BND190 Percussion Ensemble

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

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

## GUI100 Beginning Guitar

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

## GUI110 Intermediate Guitar

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

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

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

# Fine Arts

## GUI120 Guitar Ensemble

ACP, Basha, Hamilton and Perry only

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

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

## MUS200 Intro to Music Theory

Basha, Chandler and Hamilton only

Grades: 10, 11, 12	Semester	½ Credit
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Music theory is learning another language. This introduction to Music Theory would offer the basics of what is needed to be successful in a Music Theory class. The class will establish a necessary foundation of music theory concepts across the musical arts curriculum (Choir, Band, Orchestra, and Guitar).

## MUS305 AP Music Theory

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

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

## CHR100 Women's Choir

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

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

## CHR110 Advanced Women's Choir

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

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

## CHR120 Men's Choir

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

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

## CHR130 Advanced Men's Choir

Chandler only

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

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

# Fine Arts

## CHR140 Intermediate Mixed Choir

ACP, Basha, Chandler and Perry only

Grades: 9, 10, 11, 12

Full Year

1 Credit

*Prerequisite: Audition*

*May be repeated for credit*

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

## CHR200 Concert Choir

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Audition and instructor approval*

*May be repeated for credit*

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

## CHR210 Chamber Choir

Basha, Chandler, and Hamilton only

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Audition and must be co-enrolled in Concert Choir*

*May be repeated for credit*

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

## CHR220 Show/Jazz Choir

Basha and Perry only

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Audition*

*May be repeated for credit*

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

## CHR150 Women's Barbershop

Chandler only

Grades: 9, 10, 11, 12

Full Year

1 Credit

*Prerequisite: Instructor approval*

*May be repeated for credit*

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

## CHR308 IB Music 1 (Vocal or Instrumental)

Chandler only

Grades: 11, 12

Full Year

1 Credit

*Prerequisite: Instructor approval*

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

## CHR408 IB Music 2 (Vocal or Instrumental)

Chandler only

Grades: 12

Full Year

1 Credit

*Prerequisite: Successful completion of IB Music 1*

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.

# Fine Arts

## DAN100 Beginning Dance

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

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

## DAN110 Intermediate Dance

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

This class is for students with a greater degree of dance skill and experience. Further exploration into dance choreography and performance

## DAN300 Advanced Dance

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

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

## DAN308 IB Dance

**CHS Only**

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

This goal of the IB Dance Program is for students to learn how to create choreography using compositional tools and environmental/cultural surroundings to draw upon themes and motifs. Students should also be able to compare and contrast at least two dance forms in a written format or through response in a movement-based project. The work should challenge the views and/or educate the audience. Students will be exposed to different Dance forms and taught composition strategies in order to prepare for the capstone project.

## DAN200 Company/Performance Dance

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

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

## DAN210 Dance Improvisation/Choreography

**Basha, Chandler and Perry only**

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

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

## DAN120 Dance for Theatre

**Casteel, Chandler and Perry only**

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

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

## ART100 Introduction to Art

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

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

## ART110 Ceramics 1

ACP, Chandler and Hamilton only

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

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

## ART120 Ceramics 2

ACP, Chandler and Hamilton only

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

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.

## ART230 Ceramics 3

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

Focusing on more advanced techniques in hand building, wheel-throwing, glazing and art/ceramic history. Students will have demonstrated mastery skills learned in a college level ceramics course.

## ART130 Sculpture 1

Basha, Casteel and Perry only

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

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

## ART140 Sculpture 2

Basha, Casteel and Perry only

Grades: 9, 10, 11, 12	Semester	½ Credit
<i>Prerequisite: Sculpture 1</i>		
<i>Fee Required</i>		

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

## ART320 Sculpture 3

Casteel and Perry only

Grades: 10, 12	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.

## ART150 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.

## ART160 Advanced Jewelry

Chandler only

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

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

## PHO100 Beginning Photography

Grades: 9, 10, 11, 12	Semester	½ Credit
Fee Required		

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

## PHO110 Advanced Photography

Grades: 9, 10, 11, 12	Semester	½ Credit
Prerequisite: Beginning Photography		May be offered for Dual Credit
Fee Required		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.

## PHO200 Commercial Photography

Perry only

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

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

## DPH101 Digital Photography 1

Grades: 9, 10, 11, 12	Full Year	1 Credit
Fee Required		May be offered for Dual Credit
This course may be taken for Fine Arts credit (DPH101).		

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

## DPH201 Digital Photography 2

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

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

## ART305 AP Studio Art: 2-D Design Portfolio

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

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

## ART205 AP Studio Art: 3-D Design Portfolio

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

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

## ART315 AP Studio Art: Drawing Portfolio

ACP, Basha, Casteel, Hamilton and Perry only

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

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

## ART328 IB Visual Arts SL

Chandler only

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

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

## ART218 IB Visual Arts HL

Chandler only

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

Students will continue the work that they began in IB Visual Arts SL. In addition to their created works they will consider the nature of "exhibition" and meaningfully select pieces, thinking about the potential impact of their work on different audiences. They will maintain a visual arts journal in which they explain the ways the works are connected and how artistic judgments impact the overall presentation of the works. Students in this course will be assessed through the IB HL Visual Arts assessment.



# Fine Arts

## ART335 AP History of Art

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

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

## ART170 Drawing and Painting 1

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

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

## ART200 Drawing and Painting 2

Grades: 10, 11, 12	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.

## ART210 Drawing and Painting 3

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

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

## PHO120 Art and Design Technology

**Chandler only**

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

## PHO210 Advanced Art and Design Technology

**Chandler only**

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

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

## TVF208 IB Film 1

**Chandler only**

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

# Fine Arts

## TVF308 IB Film 2

Chandler only

Grades: 11, 12

Full Year

1 Credit

*Prerequisite: IB Film 1*

IB Film II is a continuation of IB Film 1. Students will continue their study of film as an art form and will work toward the completion of all requirements leading to the IB Film Exam, which includes a film, a trailer for the film, a script, and a formal presentation about a selected feature film. TOK curriculum will be incorporated during the school year.

## TVF230 Film Study 1

Hamilton and Perry only

Grades: 10, 11, 12

Semester

½ Credit

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

## TVF240 Film Study 2

Hamilton and Perry only

Grades: 10, 11, 12

Semester

½ Credit

*Prerequisite: Film Study 1 or approval of instructor*

Film Study II is a continuation of the principles of film covered in Film Study 1. This course focuses particularly upon "The Hollywood Renaissance" of the 1960's and 70's and upon the technical filmmaking wonders of the film work done during the 1980's to the present. The students will expand their mastery of film vocabulary and concepts while learning to formulate rich interpretations in analysis through written and verbal critiques. The students will continue to study the elements of the art of filmmaking including the narrative form, cinematography lighting, editing and sound. The students will apply the cultural aspects of film to their own experiences and relate these to the growth and continued success of the film industry.

## TVF250 Film Study 3

Perry only

Grades: 10, 11, 12

Semester

½ Credit

*Prerequisite: Film Study II or approval of instructor*

This class is a continuation of the principles of film covered in Film Study 1 and 2. This course focuses particularly upon films created during the 1990's to the present with a special focus upon the technology that changed forever how we view motion pictures. The students will expand their mastery of film vocabulary and concepts while learning to formulate rich interpretations in analysis through written and verbal critiques. The students will continue to study the elements of the art of filmmaking including the narrative form, cinematography, lighting, editing and sound. The students will apply the cultural aspects of film to their own experiences and relate these to the growth and continued success of the film industry. Through these studies the students will be able to understand on a deeper level how their own reactions to and interpretation of film have an impact upon their overall film going experience. This course delves into the historical, technical and societal aspects of film making.

## TVF101 Multimedia and Film 1

Grades: 9, 10, 11, 12 <i>Fee Required</i>	Full Year	1 Credit
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This is an exciting hands-on class that provides the student with the fundamental concepts of video production. Students learn how to operate digital video cameras, video mixers, audio mixers and other studio equipment. Students will film on and off campus to complete assignments and projects. Students will edit video using Macintosh computers and non-linear editing software to develop their videos into short films, commercials, and documentaries. Students also view current and classic films to learn about filming concepts and techniques. After the completion of this course students will be ready to move right into Multimedia and Film 2. *At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

## TVF201 Multimedia and Film 2

Grades: 10, 11, 12 <i>Prerequisite: Multimedia and Film 1</i> <i>Fee Required</i>	Full Year	1 Credit <i>May be repeated for credit</i>
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Students enrolled in this course will build on their production experience by producing news programs, commercials, public service announcements, highlight reels and fiction pieces among other projects. Students will also work on developing their own personal production styles. In addition, students will learn how to perform live event productions including how to live-stream events via the Internet. They will learn techniques of field production including, pre-production, production, and post-production. This could include producing student athletic events, student performing art events, and/or other school events. Multimedia and Film II may require out of classroom participation including after school, evening, and Saturdays. *At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).*

# Mathematics

## Course Sequence for Graduation

Four (4) credits of Math are required for graduation

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

Each Math course is equivalent to one full credit

1 <sup>st</sup> Year Options	Algebra 1	OR	Geometry	OR	Honors Geometry	OR	Honors Algebra 2	Honors Pre-Calculus
2nd Year Options	Option Menu	OR	Honors Algebra 2	OR	Honors Pre-Calculus	OR	IB/AP Calculus AB	
3 <sup>rd</sup> Year Options	Algebra 2	OR	Honors Pre-Calculus Or Honors Business Math/Brief	OR	IB/AP Calculus BC	OR	Multivariable Calc/Differential Equations	
4th Year Options	Option Menu	OR	IB/AP Calculus BC	OR	IB/AP Statistics	OR	Multivariable Calc/Differential Equation	OR Linear Algebra

2nd Year Options	Geometry	H. Geometry/ H. Algebra 2 (block class)
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**\*\*Student placement after the 2<sup>nd</sup> 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, IB or AP course throughout their high school career.

## MAT150 Pre-Algebra Strategies

	Full Year	1 Elective Credit
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Pre-Algebra strategies is a yearlong elective class, offering students with pre-algebra math needs, additional services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. This class will address math problem solving skills and math computation skills as they relate to algebra concepts.

## MAT120 Essentials Math 1

Grade: 9	Full Year	1 Credit
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This course focuses on number sense topics including the concept of understanding and applying numbers, ways of representing numbers, and the relationships among numbers and different number systems. Data analysis focuses on the concept of understanding and applying data collection, organization, and representation to analyze and sort data. The course's modified curriculum aligns to grade level standards and provides mathematic activities at student instructional levels.

## MAT100 Algebra 1

	Full Year	1 Credit
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*Prerequisite: Pre-Algebra*

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

## MAT160 Resource Algebra 1

	Full Year	1 Credit
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*Prerequisite: Pre-Algebra*

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

## MAT200 Geometry

	Full Year	1 Credit
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*Prerequisite: Algebra 1*

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

# Mathematics

## **MAT260 Resource Geometry**

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

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

## **MAT220 Essentials Math 2**

Grade: 10	Full Year	1 Credit
<i>Prerequisite: MAT120</i>		

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

## **MAT205 Honors Geometry**

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

This is the second year of a standards-based mathematics curriculum that emphasizes real-life problems and applications.

## **MAT300 Algebra 2**

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

This course is the third year of an integrated study of mathematics. Students will model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and an introduction to trigonometry.

## **MAT360 Resource Algebra 2**

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

Resource Algebra 2 provides students with services as outlined in their Individual Education Program (IEP). Students must meet the eligibility criteria to be placed in this class. Resource Algebra 2 uses the Algebra 2 state standards. Resource Algebra moves at an adapted pace and puts more focus on the Algebra 2's major content standards. This course is a full year. This course is the third year of an integrated study of mathematics. Students will model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and an introduction to trigonometry. Students will also receive specially designed instruction and accommodations in their areas of need as outlined by their Individualized Education Program (IEP).

## **MAT320 Essentials Math 3**

Grade: 11	Full Year	1 Credit
<i>Prerequisite: MAT220</i>		

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

# Mathematics

## MAT305 Honors Algebra 2

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

This course is a continuation of Honors Algebra 2 where students model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and trigonometry.

## Honors Geometry & Honors Algebra 2

**Casteel and Perry only**

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

This course is a standards-based mathematics curricula designed to afford students the opportunity to accelerate and complete Geometry and Honors Algebra 2 in one academic year. The course is offered as a double block class in which students will complete all of the Geometry curriculum during semester one and all of the Honors Algebra 2 curriculum during semester 2. For specific topics covered in class please refer to the Geometry and Honors Algebra 2 course descriptions.

## MAT478 IB Math Applications SL 1

**Chandler only**

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

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

## MAT488 IB Math Analysis SL 1

**Chandler only**

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

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

## MAT340 College Algebra

**ACP, Basha, Casteel, Chandler and Hamilton only**

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

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

## MAT460 Resource College Algebra

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

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

# Mathematics

## MAT491 Mathematics Year 4

ACP, Casteel, Chandler, Hamilton and Perry only

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

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

## MAT470 Resource Mathematics Year 4

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

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

## MAT320 Essentials Math 4

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

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

## MAT428 IB Statistics

Chandler only

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

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

## MAT425 AP Statistics

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

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

## MAT430 Introduction to Statistics

ACP, Basha, Casteel and Hamilton only

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

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



# Mathematics

## MAT405 Honors Pre-Calculus

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

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

## MAT400 Pre-Calculus

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

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

## MAT415 AP Pre-Calculus

ACP, Basha, Casteel, Hamilton, Perry

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

AP Precalculus is a new course offered by The College Board whereby students may receive AP credit that may be accepted by colleges. AP Precalculus will take the place of the honors precalculus course currently offered at Casteel

## MAT438 IB Calculus AB

Chandler only

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

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

## MAT458 IB HL Mathematics

Chandler only

	Full Year	1 Credit
<i>Prerequisite: IB/AP Calculus AB</i>		

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

## MAT435 AP Calculus AB

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

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

## MAT465 Honors Business Math and Brief Calculus

Basha, Chandler and Perry only

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

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

# Mathematics

## MAT448 IB Calculus BC

Chandler only

Full Year	1 Credit
<i>Prerequisite: Calculus AB</i>	May be offered for Dual Credit

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

## MAT445 AP Calculus BC

Full Year	1 Credit
<i>Prerequisite: Calculus AB or Honors Pre-Calculus or Brief Calculus</i>	May be offered for Dual Credit

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

## MAT475 Multivariable Calculus and Differential Equations

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

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

## MAT485 Linear Algebra and Advanced Math Topics

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

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

## MAT450 Math Strategies

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

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

## MTE100 Carnegie Math

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

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

# Physical Education

## PED440 Co-Ed General Physical Education

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

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

## PED230 Aerobics/Weight Training

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

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

## PED240 Advanced Aerobics/Weight Training

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

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

## PE250 Lifeguard Training

**Basha, Chandler and Hamilton only**

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

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

## PED260 Weight Training

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

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

## PED270 Advanced Weight Training

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

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

# Physical Education

## PED280 Athletics-Boys Locker

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

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

## PED290 Athletics-Girls Locker

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

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

## PED120 Varsity Spiritline

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

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

## PED220 Comprehensive Health

Grades: 9, 10, 11, 12	Semester	½ Credit
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This course is designed to help students become aware of how good health habits can be a means of improving the quality of their lives. This class, based on Arizona Comprehensive Health Standards, will cover such topics as communicable diseases, addiction, wellness, safety, self-esteem, and decision-making. This course will also include a condensed driver education curriculum.

## PED170 Yoga Fitness

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

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

## PED181 Functional Fitness

**Chandler and Hamilton only**

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

This course is both high-intensity training and weightlifting. Both females and males may take this course. Students enrolled in the course receive PE credit. The instructor may be CrossFit certified.

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

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

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

# Physical Education

## **PED470 Beginning Swim**

**CHS only**

Grades: 9, 10 11, 12

Semester

1/2 Credit

*Prerequisite: None*

This beginning Swim Course will be offered in order to help non-swimmer students learn how to safely and proficiently swim. The mission of this course is to teach basic water safety and swim stroke techniques, as well as prevent drownings.

## **PED460 Fitness and Self-Defense**

**CHS only**

Grades: 10 11, 12

Full Year

1 Credit

*Prerequisite: None*

This course is designed to promote awareness, recognition, reduction and avoidance of aggressive behavior and actions directed toward us and others. Skills and understanding for defense against an aggressor with emphasis on avoiding and escaping an attack are taught. This class is about empowering YOU (the student) to take control of your decisions and body.

## **PED450 Partner Physical Education**

Grades: 9, 10 11, 12

Full Year

1 Credit

*Prerequisite: None*

Interact with students with disabilities while developing empathy and respect. Develop leadership skills by becoming advocates for students with disabilities and help build their own interpersonal skills to become more successful in their social life.

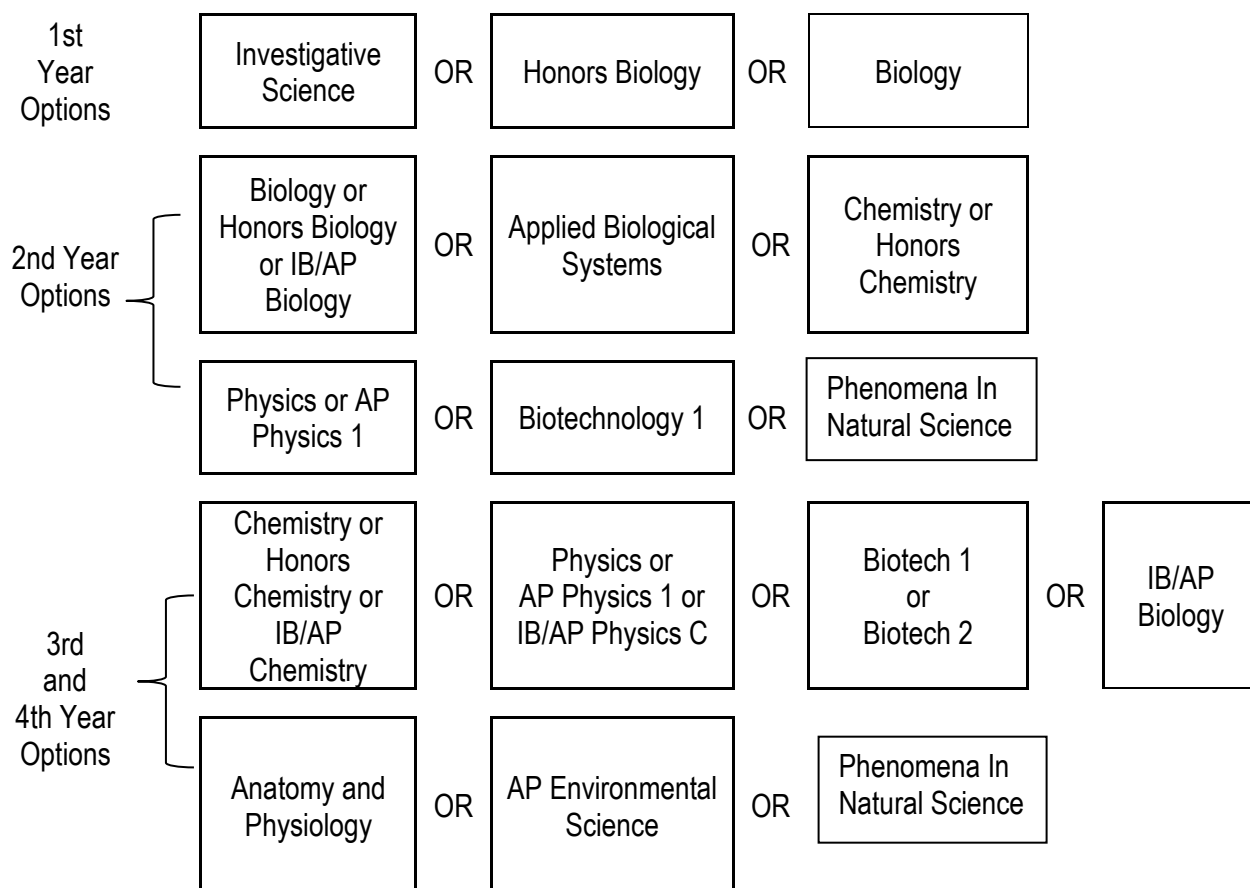
# Science

## 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.



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.

# Science

## SCI100 Investigative Science: Matter, Energy and Organization

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

## SCI110 Life Science 1

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

This inquiry-based course is designed to investigate chemistry, physics, biology, and earth-space concepts in order to develop students' analytical skills and problem-solving techniques. Concepts explored in the course develop foundational knowledge that ensures success in subsequent science classes. The scientific method is taught with subsequent lab activities. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

## SCI200 Biology

Grades: 9,19,11,12	Full Year	1 Credit
<i>Prerequisite: Investigative Science</i>		

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

## SCI210 Life Science 2

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

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

## SCI205 Honors Biology

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

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

## SCI460 Anatomy and Physiology

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

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

## SCI218 IB Biology 1

**Chandler only**

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

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

## SCI228 IB Biology 2

Chandler only

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

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

## SCI215 AP Biology

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

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

## SCI470 Marine Biology

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

This lab-oriented course has special emphasis on aquatic ecosystems. Students will gain an overall understanding of the biotic and abiotic components found in freshwater and marine environments. Students will explore the physical, chemical, geological and biological aspects of freshwater and marine systems. Topics span systems from local areas to an in-depth look into global oceans. Additional inquiry into the relationship between the human population and aquatic environments will also be included.

## SCI300 Chemistry

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

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

## SCI310 Life Science 3

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

The course introduces the use and importance of geological studies as they apply to the interactions between people and earth. Includes geological processes and hazards such as floods, earthquakes, and landslides, and use of fossil fuels. The course's modified curriculum aligns to grade level standards and provides activities at student instructional levels.

## SCI390 Fundamentals of Physical Science

Hamilton only

Grades: 11, 12	Full Year	1 Credit
<i>Pre-requisite: Administrative Approval</i>		

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

## SCI305 Honors Chemistry

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

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



## SCI315 AP Chemistry

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

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

## SCI308 IB Chemistry 1

**Chandler only**

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

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

## SCI318 IB Chemistry 2

**Chandler only**

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

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

## SCI320 Environmental Systems Science

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

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

## SCI325 AP Environmental Science

**ACP, Basha, Casteel, Chandler and Perry only**

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

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

## SCI328 IB Environmental Systems and Societies

**Chandler only**

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

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

# Science

## CI238 IB Sports, Exercise and Health Science

Chandler only

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

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

## SCI400 Physics

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

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

## SCI425 AP Physics 1

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

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

## SCI415 AP Physics C: Mechanics

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

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

## SCI435 AP Physics C: Mechanics and Electricity/Magnetism

ACP, CHS, and Hamilton only

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

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

## SCI418 IB Physics

Chandler only

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

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

## SCI480 Phenomena In Natural Science

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: Biology and Chemistry (or concurrent chemistry enrollment)</i>		

This course is designed to promote the use of the scientific process to explore natural phenomena. Students will be creating, analyzing, and communicating the results of data modes with focus on physical, earth, and space sciences. Students will be able to analyze and interpret data and communicate and engage in arguments from evidence regarding results. The scientific process will guide exploration and lead to students' ability to create explanations of natural phenomena. Data models will be created and subject to statistical analysis to show a correlation between variables, allowing students to draw conclusions and make predictions.

# Science

## BIT300 Biotechnology 1

ACP, Basha & Casteel only

Grades: 9 (AMS only), 10, 11, 12

Full Year

1 Credit

*Prerequisite: Biology*

May be offered for Dual Credit

*Fee Required*

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

## BIT400 Biotechnology 2

ACP, Basha, Casteel only

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Biotechnology I*

May be offered for Dual Credit

*Fee Required*

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

## SCE405 Honors Science Research

Grades: 10, 11, 12

Full Year

1 Elective Credit

*Prerequisite: Algebra 1- and 1-year science and teacher recommendation*

*May be repeated for credit*

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.*

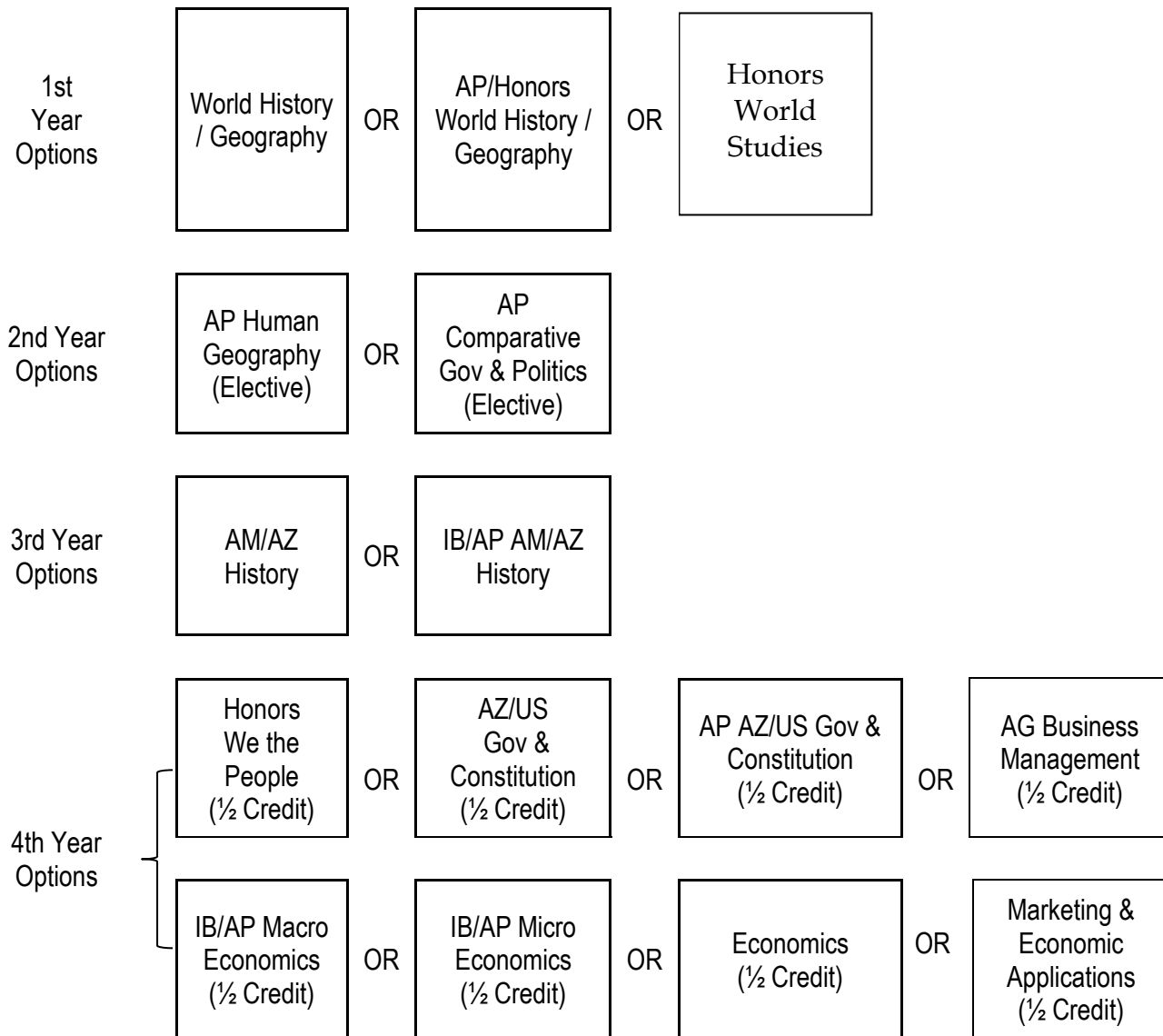
# Social Studies

## 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.



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

# Social Studies

## SOC100 World History and Geography

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

## SOC110 Cultures and Community 1

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

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

## SOC105 Honors World History and Geography

**ACP, Casteel, Chandler and Hamilton only**

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

## SOC115 AP World History and Geography

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

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

## Honors World Studies

**Hamilton only**

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

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

## SOC210 Cultures and Community 2

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

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

# Social Studies

## SSE215 AP Comparative Government and Politics

Chandler and Hamilton only

Grades: 10, 11, 12

Full Year

1 Elective Credit

May be offered for Dual Credit

This advanced placement course is designed to introduce the fundamental tools utilized by political scientists to study the processes and outcomes of politics in a variety of country settings. Students will understand the major comparative politics and themes and generalizations, gain background knowledge of international political systems and governments, and compare and contrast international governments and political systems as presented in the course. This course prepares the students to take the AP exam.

## SSE205 AP Human Geography

Grades: 10, 11, 12

Full Year

1 Elective Credit

*Prerequisite: Instructor approval*

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

## SOC300 American/Arizona History

Grades: 11, 12

Full Year

1 Credit

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

## SOC305 AP American/Arizona History

Grades: 11, 12

Full Year

1 Credit

*Prerequisite: Instructor recommendation*

May be offered for Dual Credit

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

## SOC308 IB American/Arizona History

Chandler only

Grades: 11, 12

Full Year

1 Credit

*Prerequisite: AP Human Geography*

May be offered for Dual Credit

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

## SOC310 Cultures and Community 3

Grade: 12

Full Year

1 Credit

*Prerequisite: SOC210 & IEP Team Determination*

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

# Social Studies

## SSE405 Honors We the People

Casteel, Hamilton and Perry only

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

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

## SOC400 US/AZ Government and Constitution

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

## SOC448 IB History Higher Level

Chandler only

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

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

## SOC405 AP US/AZ Government and Constitution

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

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

## SOC420 Economics

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

## SOC425 AP Macroeconomics

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

## SOC435 AP Microeconomics

ACP Only

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

# Social Studies

## SOC428 IB Macroeconomics

Chandler only

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

## SOC438 IB Microeconomics / MYP

Chandler only

Grades: 10, 11, 12	Semester	½ Credit
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Students in this course will study the principles of economics that apply to the functions of both consumers and producers within the overall economics systems. It includes the study of the role of government in our economic system. This is a rigorous course designed to prepare students for the IB examination. TOK curriculum will be incorporated during the school year.

## SOC458 IB US/AZ Government / MYP

Chandler only

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

## ELE370 Financial Literacy and Personal Finance

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

## SSE300 Psychology

ACP, Basha, Casteel, Hamilton and Perry only

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

## SSE400 Psychology 101

Chandler only

Grades: 10, 11, 12	Full Year	1 Elective Credit
Prerequisite:		May be offered for dual enrollment

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

## SSE310 Developmental Psychology

Chandler only

Grades: 10, 11, 12	Semester	½ Elective Credit
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This course introduces the main concepts in developmental psychology. It explores human development and its effects on personality and abnormal behavior. Student learning will be enhanced by the introduction of research methods and projects.



# Social Studies

## SSE320 Social Psychology

Basha and Chandler only

Grades: 10, 11, 12	Semester	½ Elective Credit
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This course introduces students to the main concepts in social psychology. Examining peer relationships, the dynamics of group interaction, and the norms of social behavior will be the focus. Students will be involved in experimentation and research to enhance the learning process

## SSE315 AP Psychology

Grades: 10, 11, 12	Full Year	1 Elective Credit May be offered for Dual Credit
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This course will prepare students for the AP exam in psychology. It covers all the current objectives of psychology and experimental psychology with the major focus on areas and objectives prescribed by the College Board.

## SSE318 IB Psychology Standard Level

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

## SSE120 Student Council

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

## SSE330 Criminal Justice

Casteel, Chandler, Hamilton and Perry only

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

## SSE140 Current Events

Basha, and Chandler only

Grades: 9, 10, 11, 12	Semester	½ Elective Credit May be offered for Dual Credit
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Students in this course will consider current world events on multiple levels. By connecting the student's knowledge of the world with projects such as research papers, simulation games, class discussions and debates, students will gain an awareness and knowledge of global complexities.

## SSE210 Historical Studies: Cold War

Chandler and Perry only

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

# Social Studies

## SSE200 US Military History

Casteel only

Grades: 9, 10, 11, 12	Semester	½ Elective Credit
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This course will give students an opportunity to explore US Military History through three different eras, spanning first from the French and Indian War to finally the current Global War on Terrorism. Students will look more closely and study the impact the US Military had on each event/war. In addition to learning the strategic approach the US Military used throughout the covered history, students will learn to appreciate self-discipline and intellectual curiosity through stories of those who have served in the military as told by guest speakers and documentary accounts.

## SSE338 IB World Religions

Chandler only

Grades: 11, 12	Full Year	1 Elective Credit
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The course consists of an introductory unit, exploring five of the nine living world religions. This is complemented by an in-depth study of two religions chosen from six world religions. The final component is the investigative study, which provides opportunities for individual research of an aspect of the religious experience, practice, or belief of a group and/or individual adherents.

## ELE420 Physical Anthropology & Archaeology

Casteel only

Grades: 10, 11, 12	Semester	½ Elective Credit
<i>Prerequisite: World History</i>		

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

## ELE430 Cultural Anthropology & Linguistics

Casteel only

Grades: 10, 11, 12	Semester	½ Elective Credit
<i>Prerequisite: World History</i>		

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

## SSE220 US History: The Mexican American Experience

Grades: 10, 11, 12	Semester	½ Elective Credit May be offered for Dual Credit
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This is a college-level course designed to engage students through inquiry into the rich and diverse past of American history. It will examine the origins and development of Spanish-American and Mexican-American peoples and their contributions to the culture, history, and development of the United States.

## SSE230 US History: The African American Experience

Grades: 10, 11, 12	Semester	½ Elective Credit May be offered for Dual Credit
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This is a college-level course designed to engage students through inquiry into the rich and diverse past of American history. Students will develop an understanding of the role and contributions of African Americans to the growth and development of the United States.

## SSE328 IB Global Politics

Grades: 11, 12

Full Year

1 Credit

This course will introduce students to a variety of fundamental political concepts such as power, equality, sustainability, peace, and conflict in a range of contexts and through a variety of approaches. It allows students to develop an understanding of the local, national, international, and global dimensions of political activity, as well as allowing them the opportunity to explore political issues affecting their own lives.

## SSE240 Introduction Sociology

Grades: 10, 11, 12

Semester

½ Elective Credit

*Prerequisite: World History*

To help students understand themselves and their relationships, everyday life, and place in the world. In this class, current personal, local, and global events are examined. The systematic study of social behavior and human groups, particularly the influence of culture, socialization, social structure, stratification, social institutions, differentiation by region, race, ethnicity, sex/gender, age, class, and social/cultural change upon people's attitudes and behaviors.

# 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.
- Several high schools offer Spanish courses intended for Heritage Speakers
- Each World Language course is equivalent to one (1) full credit.
- Languages offered include **Spanish, French, German, Mandarin Chinese, and American Sign Language.**

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

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

# World Language

## ASL100 American Sign Language 1

ACP, Basha, Casteel and Perry only

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

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

## ASL200 American Sign Language 2

ACP, Basha, Casteel and Perry only

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

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

## ASL305 Honors American Sign Language 3

ACP, Basha, Casteel and Perry only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: American Sign Language 2 or Instructor approval</i>		

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

## ASL405 Honors American Sign Language 4

ACP, Basha, Casteel and Perry only

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

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

## FRE100 French 1

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

## FRE200 French 2

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

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

## FRE305 Honors French 3

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

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

# World Language

## **FRE405 AP French Language and Culture [Year 4]**

**Basha, Casteel, Hamilton and Perry only**

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

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

## **FRE418 IB French 4**

**Chandler only**

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

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

## **FRE425 AP French Language and Culture [Year 5]**

**Basha, Casteel, Chandler and Hamilton only**

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

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

## **FRE428 IB French 5**

**Chandler only**

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

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

## **FRE435 AP French Language and Culture [Year 6]**

**Chandler only**

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

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

## **FRE 438 IB French 6**

**Chandler only**

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

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

## **GER100 German 1**

**Casteel, Chandler, Hamilton and Perry only**

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

# World Language

## GER200 German 2

Casteel, Chandler, Hamilton and Perry only

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

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

## GER305 Honors German 3

Casteel, Chandler, Hamilton and Perry only

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

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

## GER405 AP German Language and Culture [Year 4]

Casteel, Chandler, Hamilton and Perry only

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

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

## GER408 IB German 4

Chandler only

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

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

## GER415 AP German Language and Culture [Year 5]

Chandler, Hamilton and Perry only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: German 4 or equivalent study 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. The curriculum will prepare the student for the AP exam.

## GER418 IB German 5

Chandler only

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

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

# World Language

## SPA100 Spanish 1

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

## SPA200 Spanish 2

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

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

## SPA305 Honors Spanish 3

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

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

## SPA405 AP Spanish Language and Culture [Year 4]

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

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

## SPA408 IB Spanish 4

**Chandler only**

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

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

## SPA425 AP Spanish Language and Culture [Year 5]

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

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

## SPA428 IB Spanish 5

**Chandler only**

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

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



# World Language

## SPA445 AP Spanish Literature and Culture [Year 6]

ACP, Basha, Casteel, and Perry only

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

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

## SPA448 IB Spanish 6

Chandler only

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

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

## SPA115 Honors Caminos Literarios

Basha, Chandler and Hamilton only

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

## SPA205 AP Spanish Language and Culture [Caminos Literarios]

Chandler and Hamilton only

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

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

## SPA315 AP Spanish Literature and Culture [La Herencia Espanola]

Chandler and Hamilton only

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

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

## CHI100 Mandarin Chinese 1

ACP, Basha, Casteel, Chandler and Hamilton only

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

# World Language

## CHI200 Mandarin Chinese 2

ACP, Basha, Casteel, Chandler and Hamilton only

Grades: 9, 10, 11, 12

Full Year

1 Credit

*Prerequisite: Mandarin Chinese or equivalent study*

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

## CHI305 Honors Mandarin Chinese 3

ACP, Basha, Casteel, Chandler and Hamilton only

Grades: 9, 10, 11, 12

Full Year

1 Credit

*Prerequisite: Mandarin Chinese 2 or equivalent study*

May be offered for Dual Credit

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

## CHI405 AP Chinese Language and Culture [Year 4]

ACP, Basha, Casteel and Hamilton only

Grades: 10, 11, 12

Full Year

1 Credit

*Prerequisite: Honors Mandarin Chinese 3*

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

## CHI425 AP Chinese Language and Culture [Year 5]

ACP, Basha, Casteel and Hamilton only

Grades: 11, 12

Full Year

1 Credit

*Prerequisite: AP Chinese Language and Culture [Year 4]*

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

## CHI435 AP Chinese Language and Culture [Year 6]

ACP and Casteel only

Grades: 12

Full Year

1 Credit

*Prerequisite: AP Chinese Language and Culture [Year 5]*

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

# Miscellaneous Courses

## ENE315 AP Seminar (Year 1 of AP Capstone)

ACP, Basha, Casteel and Hamilton only

Grades: 10, 11, 12	Full Year	1 Credit
<i>Prerequisite: One or More AP Courses or Instructor Approval</i>		

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. *AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter.*

## ENE405 AP Research (Year 2 of AP Capstone)

ACP, Basha, Casteel and Hamilton only

Grades: 11, 12	Full Year	1 Credit
<i>Prerequisite: AP Seminar</i>		

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

## ELE210 Student Aide

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

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

## ELE220 Peer Facilitator

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

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

## ELE230 Principles of Leadership (LINK)

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

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

# Miscellaneous Courses

## AVD110 AVID

ACP, CCHS, CHS, HHS and PHS only

Grades: 9, 10, 11, 12 (*Varies by site*)

Full Year

1 Elective Credit

*Prerequisite: Recommendation, Application and Interview*

May be offered for Dual Credit

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

## ELE240 Avid Tutors

Grades: 10, 11, 12

Semester

½ Credit

*Prerequisite: Avid Instructor approval*

**Pass/Fail grade only**

*May be repeated for credit*

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

## RDE100 Strategic Reading

No Credit

Grades: 9, 10, 11, 12

This course is a blended learning intervention program that is designed to improve students' reading skills. READ 180 focuses on building reading comprehension, academic vocabulary, and writing skills. Within the course, student will receive support in the five essential components of effective reading: phonemic awareness, phonics, fluency, vocabulary, and comprehension. Student data will be used to differentiate instruction as needed during the course's station rotations.

## RLT100 Release Time

Grades: 9, 10, 11, 12

No Credit

Release time is not a course at any Chandler high school. Choosing the course code number will enable students to pick out a class period at registration that will be excluded on their course schedule in order to attend religious instruction.

## ELE338 IB Personal and Professional Skills

Chandler only

Grades: 11, 12

Semester

½ Credit

*Prerequisite: Required for IBCP students*

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

## SSE308 IB Theory of Knowledge

Chandler only

Grades: 11, 12

Full Year

1 Elective Credit

*Prerequisite: Recommended for IB students*

*May be taken as Fine Arts credit*

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

# Miscellaneous Courses

## EGR100 Engineering 102

Hamilton only

Grade: 11, 12

Full Year

1 Elective Credit

*May be offered Dual Credit*

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

## CSC110 Robotics

ACP, Casteel and Chandler only

Grades: 9, 10, 11, 12

Full Year

1 Elective Credit

*Fee Required*

*May be repeated for credit*

In this class, students will become familiar and proficient with shop equipment necessary to build a competition robot. Previous compositions and robot designs are studied and evaluated to try and improve robot design. Students use special LEGO kits to simulate the F.I.R.S.T. competition. In the second semester, the class will build the competition robot that will be entered in the Arizona Regional Competition. No Science lab credit awarded. At Chandler High School, 11<sup>th</sup> and 12<sup>th</sup> grade students in this course may be eligible to participate in the IB Career-Related Program (IBCP).

## ELE500 Life, College & Career Prep (LCCP)

Grades: 9, 10, 11, 12

Full Year

1 Credit

*Prerequisite: None*

This course will provide students with skills essential not only to high school success, but also to navigate personal successes throughout their lives. Students will learn note taking skills, study skills, test prep skills, etc. They will learn how to communicate with their peers and their teachers. Students will learn to be a self-advocate.

## ELE440 Skills Strategies

Grades: 9, 10, 11, 12

Full Year

1 Elective Credit

*Prerequisite: Teacher Recommendation*

*May be repeated for Credit*

Skills Strategies is a yearlong elective class, offering students with social emotional needs additional services as outlined in their Individual Educational Program (IEP). Students must meet the eligibility criteria to be placed in this class. This class will address executive functioning skills, and social/emotional skills.

## ELE160 Life Skills 1

Grades: 9

Full Year

1 Credit

*Prerequisite: IEP Team Determination*

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

## ELE261 Life Skills 2

Grades: 10

Full Year

1 Credit

*Prerequisite: IEP Team Determination*

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

## ELE361 Life Skills 3

Grades: 11

Full Year

1 Credit

*Prerequisite: IEP Team Determination*

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

# Miscellaneous Courses

## **ELE461 Life Skills 4**

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

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

## **ELE120 Workplace Exploration 1**

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

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

## **ELE220 Workplace Exploration 2**

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

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

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# **Chandler Online Academy Student Handbook 2023-2024**





## **Chandler Online Academy**

1205 E. Frye Rd.  
Chandler, AZ 85225  
(480) 812-6350

### **School Administration**

Jarrett Pack, Director  
Julia Reed, Assistant Principal

## **CHANDLER UNIFIED SCHOOL DISTRICT GOVERNING BOARD**

Jason Olive, President  
Barb Mozdzen, Vice President  
Patti Serrano, Member  
Kurt Rohrs, Member  
Joel Wirth, Member

### **SUPERINTENDENT**

Franklin R. Narducci

### **Associate Superintendent**

PreK-12 Educational Services  
Dr. Craig L. Gilbert

1525 E. Frye Rd.  
Chandler, AZ 85224  
(480) 812-7000  
[www.cusd80.com](http://www.cusd80.com)

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# **Program Overview**

## **Excellence Online**

### **Program Description**

Chandler Online Academy's Full Time Program provides the opportunity for Arizona school students to complete all courses required to promote to high school and for high school graduation in the state of Arizona, online from home or anywhere they have a reliable Internet connection. In addition to meeting general graduation requirements, students at Chandler Online Academy have the option to engage in advanced studies and college preparatory courses with support from highly qualified online instructors. Our courses are aligned to state and national standards and feature state-of-the-art technology, research-based and proven e-learning curriculum, and meet high standards for academic excellence.

Through completion of online courses with Chandler Online Academy, students acquire a strong foundation of knowledge, develop 21<sup>st</sup> century skills to prepare them for university studies and marketability in today's industries, and strengthen self-motivation and confidence. COA course offerings are comprehensive including all core academic courses, electives, AP courses, Honors courses, and Foreign Language.

All COA courses are taught by highly qualified teachers specializing in facilitating learning in online environments. In addition to the superior quality of our online course materials, Chandler Online Academy instructors support students with 1-1 instruction through personalized and targeted feedback and live instructional support as needed. Students in Chandler Online Academy's Full-Time or Part-Time Program, are able to take advantage of the flexibility of online learning, without sacrificing quality, and receive an exceptional educational experience.

### **Core Values**

As part of Chandler Unified School District, Chandler Online Academy teachers and staff are committed to the core values of CUSD: Excellence, Integrity, Equity.

### **Mission**

To provide students with a high-quality personalized education combined with the flexibility to engage in learning anywhere, anytime.

At Chandler Online Academy, we:

- Incorporate innovation into developing online instructional methodologies that are supported by research
- Provide personalized education to meet individual student learning needs, interests, and life styles
- Deliver the highest quality e- learning educational materials and online educational support
- Create connections with students to provide support and foster development of respectful relationship and effective communication and interpersonal skills.

## **Enrollment**

### **Entrance Requirements**

Any school age Arizona resident can enroll with Chandler Online Academy. Before considering enrollment in our program, students and families need to carefully consider whether enrollment in our full-time online program will align with the schedule, lifestyle, and goals of everyone involved. COA courses are demanding and will require students to commit to studying and working on online coursework utilizing a consistent daily schedule. More time should be expected when enrolled in AP and Honors courses.

Parents/guardians will also need to commit to supporting full-time online students in two ways:

1. Monitoring and supporting student progress and performance in classes
2. Submitting attendance each week through the Student information System (Infinite Cmapus)

COA teachers and staff monitor student progress and students are held to strict attendance and progress requirements to maintain enrollment. Parents/guardians play an important role in supporting students as they develop positive time management and self-discipline practices in order to be successful in a digital learning environment. Parents/guardians may obtain access to a Parent Portal where they can view student progress and performance statistics each week. The most effective approach to monitoring student progress and helping students be successful is a consistent, caring, and positive approach. Before enrolling in our Full-Time Program, students and parents/guardians are required to carefully review the school Attendance & Progress Requirements.

In addition to the time and effort commitments students and parents must make in order to be successful in our online courses, it is also a requirement for students to have daily access to a computer with a dependable high-speed Internet connection. Minimum technical requirements are provided on the school website "Technology, System Requirements" page.

### **Application**

Full-Time enrollment in Chandler Online Academy first starts with completing an open enrollment application that is submitted to the district office for approval. Once approved the registrar will reach out with next steps. Part-Time enrollment is now being completed by the counselor at the student's CUSD home site. Tuition-Payer/Out-of-District enrollment information can be found on our website. Applications will not be considered complete until all documentation listed on the check-sheet is submitted online or to our office and both the student and parent receive the Welcome Email.

### **Course Registration**

Once approved for open enrollment, full-time COA students will receive a course registration form to choose courses they are interested in registering for. COA counselors take these selections into account when reviewing transcripts and then assign courses based on student interests and goals, graduation requirements, and prerequisite status. Part-time COA students select online courses with the counselor at the student's primary school.

### **AP/Honors Courses**

Honors and Advanced Placement courses of study are available to students enrolled with Chandler Online Academy. Any student who meets all course pre-requisites and who is motivated and prepared to commit the additional time and effort may opt to enroll in Honors or AP courses. Our AP courses are registered with the College Board and are taught by qualified and experienced AP teachers. In addition to providing students with increased challenge and opportunity to demonstrate their abilities, completing Honors or AP courses provides students with the opportunity to accelerate progress toward meeting advanced academic requirements and be in the best position to compete for entrance to post-secondary institutions. Honors credit is denoted on transcripts and produces an additional distinction for students in applying for entrance to any university or post-secondary institution. Students interested in a rigorous course of study and the opportunity to take the Advanced Placement examination and earn college credit or advanced placement status in addition to high school credit may enroll in AP courses. AP courses prepare students to take and be successful on the Advanced Placement examinations. Students enrolled in AP courses are expected to take the AP exam for the course.

**Graduation Requirements**

Students enrolling in Chandler Online Academy's Full-Time Program will be required to meet enrollment policies, graduation requirements, and follow course sequence and prerequisite policies outlined in CUSD's "Course Description Catalog." A copy of this catalog can be accessed from the district website in the "Parents & Students" section and on the "Parent Resources" page.

**Transfer Credits**

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. Following the transfer, Chandler Online Academy will provide a list showing which credits were accepted as core subject credits and which were accepted as elective credit. 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, COA will accept the transferred credit as core credit.

**Prerequisites/Course of Study**

Students must meet any course prerequisites listed in the course catalog prior to starting a course with a prerequisite requirement. Students may not enroll concurrently in courses that are designed to be sequential (i.e. Algebra I Semester 1 and Algebra I Semester 2).

**Student/Parent Contact Information**

It is very important that valid contact information including the student and parent/guardian primary email addresses and phone numbers are provided. Students and parents/guardians will need to check messages and in-boxes regularly to receive important information from COA teachers and staff. Any time contact information changes, it is the responsibility of the student and/or parent/ guardian to provide the new information within 2 business days. Failure to do so could result in loss of access or involuntary withdrawal.

**Orientation & Hornet Days**

Parents and students are invited to attend the annual Hornet Days virtual presentation when counselors will review our program requirements and expectations. Once enrolled, students will login to the learning platform and complete the online orientation course. Completion of the orientation course is required of all students prior to beginning their courses. We encourage parents to review this course with their child. In this orientation the student and parent will learn how to: access navigate classes, find important information, review policies, submit attendance, and complete tasks within both interfaces. Once the Orientation has been completed, the student will begin his/her courses.

**Advisory**

Full time students in grades 7-9 will be enrolled in and expected to participate in our advisory course. This class meets live virtually once a week. This course is designed to provide additional support to students to help ensure their success with our online program.

## **Credit & Grades**

### **Credit**

Each high school semester course is worth 0.5 credit that can be applied toward graduation. All of our courses are aligned to National Common Core Standards and meet Arizona graduation and university entrance requirements. Students can attend Chandler Online Academy, complete all courses online, and receive a Chandler Online Academy diploma upon graduating.

### **Special Considerations**

Students entering universities or colleges on athletic scholarships will need to register with NCAA and provide appropriate documentation for eligibility upon graduation. COA core courses are on the approved course list with NCAA and we will work with each student on an individual basis to obtain any documentation necessary to meet eligibility requirements, however, NCAA approval is on a case-by-case basis. Students planning to enlist in the military following graduation should consult with an enlistment specialist prior to enrolling in online courses.

### **Course Completion**

In order to successfully complete a course with a passing grade and earn credit toward graduation, Chandler Online Academy students demonstrate mastery of course material in 4 ways:

- 1. Attendance**
- 2. Progress**
- 3. Overall Grade Average**
- 4. Proctored Final Exam Score of at least a 60%**

In order to earn a passing grade and credit toward graduation, students must complete all assignments & assessments preceding the final exam with a minimum overall grade average of 60%. The final grade is a combination of the overall average on all coursework preceding the final exam and the score the student receives on the proctored final exam.

### **Proctored Final Exam Requirement**

All students are required take the final exam in person at a designated testing location. In order to receive a passing grade and credit for any online class, students must earn a 60% or higher score on the proctored final exam. If the student does not pass the final exam on the first attempt, the student will need to schedule a re-take the final exam. Students are eligible for 3 attempts on each final exam, as long as they complete them before their course end-date.

### **Grading Policy**

Grading within courses occurs through the combination of auto-graded assessments that have been created by assessment specialists and teacher graded assignments and projects. Work is graded according to posted rubrics and incorporating the teacher's subject matter expertise.

All Chandler Online Academy courses are assigned a final letter grade and a grade-point value based on the following grading scale:

Percentage	Letter Grade	Grade-Point Value	Honors Grade-Point Value
90-100	A	4.0	5.0
80-89	B	3.0	4.0
70-79	C	2.0	3.0
60-69	D	1.0	1.0
0-59	F	0	0

### **Final Grade Notification**

Final grades are generally posted in Infinite Campus within 7 business days once all coursework and the final exam have been completed.

### **Mandatory Testing**

Students enrolled in Chandler Online Academy's Full-Time Program will be required to complete the mandated end-of-year state testing. Please see below for required state testing per grade level. Testing dates and locations will be provided on the school website and additional information/reminders will be sent to student and parent email accounts. Students and parents are advised to review the testing information on the website upon enrollment and begin planning to attend on the testing dates.

**If a student does not attend testing, he/she will be involuntarily withdrawn.**

<b>Grade Level</b>	<b>State Test</b>
7 <sup>th</sup> Grade	AASA (ELA & Math)
8 <sup>th</sup> Grade	AASA (ELA & Math), AZScience
9 <sup>th</sup> Grade	ACT Aspire
11 <sup>th</sup> Grade	AZScience, ACT, Civics
12 <sup>th</sup> Grade	Civics (if not already passed)

### **Attendance/Progress Requirements**

#### **Attendance Requirements**

The most significant indicator of success for online students is daily and weekly consistency in logging in to their online courses. This means students will be more likely to finish their course with a passing grade if they log in to review course materials and work on assignments a minimum of 5 days each week. In order to support students, Chandler Online Academy promotes student success with the following attendance requirements & consequences. While Chandler online Academy courses are designed for semester length, student may complete a course in as little as 6 weeks.

COA courses require students to work 75-89 hours total over the length of the course to master all objectives and complete all coursework. This time must be entered in the student's Infinite Campus portal and submitted each week by 9:00 p.m. on Sundays. Students can log in any time, day or night, and on any day of the week to meet this requirement.

Students are expected to engage in online study, research, and composition for a minimum of 4.2-5.6 hours a week for each 0.5 credit class. In order to be eligible to receive a passing grade/credit for a course, all time spent on coursework and related activities must be reflected on the weekly attendance submission.

#### **Student Attendance Weekly Submission Requirement**

Student must submit the total amount of time they spent working on a course through the student's Infinite Campus Portal each week no later than Sunday at 9:00 p.m. Weekly submission of attendance is required to maintain enrollment in the program. If attendance is not submitted for 14 consecutive days, classes will be inactivated.

#### **Progress**

All coursework must be completed by the course end-date in order for the student to earn a passing grade and credit toward graduation. Consistent progress is important for the student to stay on track to finish all work, to learn course material, and to master all course objectives. Students are expected to submit assignments according to the assignment due date. Assignments submitted after the due date may be subject to point deduction according to course Late Work Policies.

### **Progress Requirements**

The semester course session begins once the Welcome Email containing the link to the online classroom and that student's username and password to access the online classroom has been sent. Every assignment will have a due date that is based on the start and end dates of the course session. Students should submit assignments and complete exams by the date they are due.

### **Progress Consequences**

If assignments/exams are not completed on the day they are due, students will receive a past due notice on the course homepage and may lose the opportunity to turn in the assignment/assessment for full or partial credit, according to the course "Late Work Policy" included below and published in the course introductory materials. If a student does not submit work by the due date, she/he should contact the teacher as soon as possible to request to make-up the late work. If given the opportunity to turn in late work for credit and the student does not follow through on the make-up plan, she/he will be considered for involuntary withdrawal, regardless of the amount of time (attendance) that has been reported, resulting in a failing grade on the student's official transcript.

### **Chandler Online Academy Late Work Policy**

Late work submission will be deducted as follows:

1-5 days	10% deduction
6-10 days	20% deduction
11-15 days	30% deduction
>15 days	No Credit (Permanent Zero, no further opportunity to complete the assignment)

**Students can have no more than four permanent zeroes in their class to be able to take the final exam.**

### **Withdrawal & Schedule Changes**

Students may withdraw or change their schedule according to the following guidelines by submitting a withdrawal or schedule change form to our office. Forms can be submitted online from our website or by contacting our office to request a form.

- **Up to 10 days after the course start-date:** Students may withdraw or change their schedule.
- **11-20 days after the course start-date:** Students who withdraw will receive a grade of W for all courses. There are no schedule changes permitted more than 10 days after the course start-date.
- **21 or more days after the course start-date:** Students who withdraw or fail to complete the course will receive a final grade of F on their official transcripts.
- **Involuntary Withdrawal:** Students who fail to meet Attendance/Progress Requirements, who fail to meet progress expectations, or who engage in behavior that contradicts Chandler Online Academy's Academic Integrity and Student Code of Conduct Policies, will be withdrawn and receive an F in all courses.



## **Student Code of Conduct**

### **Academic Integrity**

All schoolwork submitted for the purpose of meeting course requirements must represent the efforts of the individual student. To help maintain an atmosphere of mutual trust and confidence among students and faculty and to ensure that each student's learning is evaluated solely according to his or her own merits, any form of academic dishonesty is prohibited. Academic dishonesty includes, but is not limited to:

### **Misrepresentation**

- Allowing another person to take a quiz, exam, or similar evaluation for you.
- Unauthorized collaboration in providing or requesting assistance, such as sharing information on an academic exercise.

### **Plagiarism**

- Submitting, as your own, through purchase or otherwise, part of or an entire work produced verbatim by someone else.
- Paraphrasing ideas, data, or writing from another source without properly acknowledging the source
- Unauthorized transfer of documents or use of someone else's computer file or electronic material, as your own.
- All work students produce should be their own authentic work. COA does not consider any work generated from an artificial intelligence (AI) website or generator (such as ChatGPT) to be a student's own authentic work. Like any other outside sources used in a student's work, any use of an AI generator included in student work should be properly cited. Please note that COA utilizes software to aid in the detection of AI generated work. Evidence of AI usage in student work submissions without proper citation may result in the student being required to resubmit the assignment according to the policy outlined below, and/or meet live with his/her teacher to demonstrate mastery of the content suspected of AI usage.

### **Facilitating Academic Dishonesty**

- Taking a quiz, exam, or similar evaluation in place of another person.
- Allowing another student to copy from you. Providing material or other information to another student with the knowledge that such assistance could be used in any of the violations stated above.
- Participating in any action that compromises the integrity of the academic standards of the school; assisting another to commit an act of academic dishonesty.

### **Chandler Online Academy Cheating/ Plagiarism Policy**

- Incidents of cheating/plagiarism will be handled as follows:
  - 1<sup>st</sup> offense = student redo assignment for *partial* credit
  - 2<sup>nd</sup> offense = no credit for assignment + referral
  - 3<sup>rd</sup> offense = removal from course + F on student transcript + referral
  - \* *In an incident where a student turns in more than three assignments at one time that have been cheated or plagiarized, 3<sup>d</sup> offense rules apply*
- Students found cheating on a final exam will receive an automatic zero for the final, which will result in an F on their transcript. Infractions include:
  - Operating any electronic device once the exam has started
  - Accessing any website away from their exam module
  - Using any notes other than their hand-written 3x5 notecard
  - Any other action used to gain an unfair advantage

## **Internet & E-Mail User Guidelines**

Chandler Online Academy and Chandler Unified School District are not responsible for websites and electronic materials students may access from the open network on any computer system or mobile device that has not been issued by the district. Parents/guardians are encouraged to research the types of filtering software that is available to ensure their children will not be exposed to inappropriate content when accessing the internet.

### **E-mail**

Students are required to use the district issued Gmail account to communicate with and receive important information from school teachers and staff. Parents/guardians will use their personal email. While COA staff will have access to student and parent contact information, it will be used for official school business only. Students will not be required to share email addresses or contact information with other students. However, if students do share contact information with fellow students, it will be the student and parent/guardian's responsibility to ensure any communication that occurs between students is appropriate. COA is not responsible for communication between students that occurs outside of the e-Learning Portal and live virtual classrooms.

### **COA e-Learning email communication and discussion posting guidelines:**

1. Include your first and last name in emails to your instructor
2. Use professional language, salutations (e.g. Hello, Thank You) and complete sentences in all emails to and from teachers and COA staff
3. Include a subject line briefly describing the content of the message/post (e.g. Question on lesson 5, Thank You, My Thoughts On The Constitution)
4. In emails with questions about course content, include the name of the course, the name/number of the lesson, and the specific topic you are struggling with. "I don't understand lesson 1," is not specific enough. "I don't understand how to find the climax of the story in lesson 1, assignment 1a," gives the teacher more information about what you need help with
5. In discussion posts, students must be respectful of others and of viewpoints different from their own. Discussion boards are a place for respectful and thoughtful debate NOT inflammatory remarks or offensive comments. If a student feels another student has made an offensive or inappropriate posting, he/she should respond in a constructive way and/or let the teacher know and explain his/her position
6. Stick to the topic of the discussion and contribute meaningful and well-written posts and responses to others' posts
7. Follow all course guidelines for emails and discussion posts

### **In E-Mail Communications and Discussion Posts, Students Should Refrain From:**

1. Sending multiple emails or making a large number of discussion posts in a short period of time
2. Making off-topic comments or ask off-topic questions in discussions
3. Use all-caps in emails or discussion posts. This is perceived as yelling in electronic communication

### **In the e-Learning Portal and within e-Learning Classrooms, the following are not permitted:**

1. Send, access, download or display offensive messages or pictures.
2. Use obscene language
3. Harass, insult or attack others
4. Violate copyright laws and regulations
5. Use passwords of others
6. Share passwords with others
7. Trespass in others' folders, work or files
8. Employ the e-learning portal for commercial purposes
9. Provide personal information, i.e., names, addresses, phone numbers, card numbers, etc.

### **Sanctions**

1. Violations of the above may result in a loss of access and removal from the course.
2. Violations of the above may be subject to disciplinary action including expulsion/dismissal

# Chandler Online Academy

## **Student User Agreement and Parent/Guardian Permission Form**

(This is a copy. Electronic verification of communication and understanding of this policy is obtained in the "COA Information & Policies" portal)

Student Name (Please Print): \_\_\_\_\_ Grade: \_\_\_\_\_

**Student:** I understand and will abide by the usage rules set forth by the Student Handbook. I understand and will abide by the provisions and conditions indicated. I understand that any violations of the above terms and conditions may result in disciplinary action and the revocation of my use of information services.

**Student Signature:** (online students acknowledge policies through the online Orientation Quiz)

**Parent/Guardian:** As the parent/guardian of the above named student, I have read the Student Handbook and understand it. I understand that it is impossible for the school district to restrict access to all controversial materials, and I will not hold the district responsible for materials acquired by use of electronic information services (EIS). I also agree to report any misuse of the EIS to a district administrator. (Misuse may come in many forms but can be viewed as any messages sent or received that indicate or suggest pornography, unethical or illegal solicitation, racism, sexism, inappropriate language, or other issues described in the agreement).

I accept full responsibility for supervision if, and when, my child's use of the EIS is not in the school setting. I hereby give my permission to have my child use the electronic information services.

**Parent/Guardian Name(Please Print):** \_\_\_\_\_

**Parent/Guardian Signature** (online students acknowledge policies through the online Orientation Quiz)

# Chandler Online Academy

## **Student & Parent/Guardian Attendance & Progress Agreement**

(This is a copy. Electronic verification of communication and understanding of this policy is obtained in the "COA Information & Policies" portal)

**Student Name (Please Print):** \_\_\_\_\_ **Grade:** \_\_\_\_\_

I have read and understand the attendance and progress policies for Chandler Online Academy. I also understand that by enrolling in online courses with Chandler Online Academy, I am committing to:

- Log in to each class at least 5 days a week for a total of 4.2-5.6 hours each week, each class, for a total of a minimum of 25.2-33.6 hours in all classes each week
- Use the due date notifications to manage my coursework and turn in all work when it is due, or no later than the week it is due
- Contact my teacher any time I need help or have a question by emailing, calling, or visiting my virtual classroom
- Read all emails sent to me by my teacher or by COA administration
- Respond to all calls and emails as quickly as possible
- Read all feedback from my teachers and respond or make changes requested by my teachers
- Complete all essays, assignments and assessments myself and using my own ideas and words
- Complete all coursework by my course end-date

I understand that failure to comply with any of these statements may result in involuntary withdrawal from Chandler Online Academy.

**Student Signature:** (online students acknowledge policies through the online Orientation Quiz)

**Parent/Guardian Name(Please Print):** \_\_\_\_\_

I have read and understand the attendance and progress policies for Chandler Online Academy. I also understand that by enrolling my son or daughter in online courses with Chandler Online Academy, I am committing to:

- Ensure my son/daughter is able to log in to each class at least 5 days a week for a total of 4.2-5.6 hours each week, minimum
- Document the time my son/daughter spends working to complete the online coursework in Infinite Campus student portal and submit each week by Sunday at 9:00 p.m.
- Log in to the Parent Portal at least once a week to check my daughter/son's progress in her/his online courses
- Read all emails sent to me from COA teachers and administration
- Respond to all calls and emails as quickly as possible

I understand that failure to submit weekly attendance or failure to submit accurate attendance records may result in involuntary withdrawal of my son or daughter from Chandler Online Academy and/or withholding credit until attendance is accounted for and reported.

**Parent/Guardian Signature** (online students acknowledge policies through the online Orientation Quiz)

# Chandler Online Academy (IFEES)

1205 E Frye Rd. Building B Chandler, AZ 85225

Phone: (480)812-6350

Web: <http://www.cusd80.com/coa>

Dear Parent/Guardian and Student,

We want to welcome you to Chandler Online Academy for the \_\_\_\_\_ school year! It is our goal to have you complete classes towards graduation and go on to become successful in college or the career of your choice.

In order to accomplish this success, we have some requirements that you must meet in order to be an online student. These stipulations are in place in order to not only meet the education laws of Arizona, but also to be a successful online student.

Please read the contract below. Once read, the parent and student must sign and date the contract and return it to [Ledesmafimbres.Roxanna@cusd80.com](mailto:Ledesmafimbres.Roxanna@cusd80.com)

## ***Contract***

- I will be enrolled in \_\_\_\_\_ **.5-credit courses** during my time with Chandler Online Academy
- 9<sup>th</sup>-12<sup>th</sup> Graders - I agree to work a minimum of **250 minutes (4.2 hours) per week in each course** (including online and offline work) This averages **50 minutes per weekday, per course**. In accordance with the Arizona Department of Education, Chandler Online Academy requires that each student complete a minimum of 4500 minutes (75 hours) per course
- 7<sup>th</sup> and 8<sup>th</sup> Graders - I agree to work a minimum of **334 minutes (5.6 hours) per week in each course** (including online and offline work) This averages **67 minutes per weekday, per course**. In accordance with the Arizona Department of Education, Chandler Online Academy requires that each student complete a minimum of 5340 minutes (89 hours) per course
- I understand that students enrolled in Chandler Online Academy's Full-Time Program are required to complete the state mandated end-of-year tests. **If I do no attend testing, I will be involuntarily withdrawn**
- I understand that I must submit assignments by the due date or I will receive a penalty, as per Chandler Online Academy Late Work Policy. Receiving any more than four permanent zeros in a class will disqualify me from the opportunity to take the final exam for a class which will result in a failing grade on my transcript.
- I agree to enter my attendance no later than Sunday of each week at 9pm. I understand that if this is not done for 14 consecutive days, my classes will be inactivated.
- The Chandler Unified Code of Conduct applies in full for all Chandler Online Academy students, including the Cheating/Plagiarism Policy.

**I understand that enrolling in Chandler Online Academy is a choice and if there is a failure to meet the above contract I may be withdrawn from the program.**

\_\_\_\_\_  
(Student Name)

\_\_\_\_\_  
(Student Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Parent/Guardian Name)

\_\_\_\_\_  
(Parent/Guardian Signature)

\_\_\_\_\_  
(Date)

# EVIT Frequently Asked Questions

## What is EVIT?

The East Valley Institute of Technology (EVIT) is a public career and technical education school providing more than 40 occupational training programs tuition-free to district, charter school and home-schooled high school students who reside within the boundaries of 11 East Valley school districts - Apache Junction, Cave Creek, Chandler, Fountain Hills, Gilbert, Higley, J.O. Combs, Mesa, Queen Creek, Scottsdale, and Tempe.

Classes are offered at three campuses:

- Dr. A. Keith Crandell (Main) Campus, 1601 W. Main St.
- Power Campus, 6625 S. Power Road
- Apache Junction High School

Students spend a half-day at EVIT and the other half-day at their home high school. School districts provide bus transportation for their students to and from EVIT for most programs. Students must be at least 16 years old. Tuition-based programs for adults are also offered, with financial aid available.

## EVIT's Mission

To change lives by loving our students and serving our communities with a career and college preparatory training experience that produces a qualified workforce, meeting the market-driven needs of business and industry.

## EVIT's Vision

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

## EVIT's Purpose

To empower and encourage our students to become productive and passionate about their future career and educational goals.

## Business/Industry and College Articulation

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

## Career and Technical Student Organizations

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

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

**When do students register?**

Students are encouraged to apply for EVIT programs as soon as online registration for Fall 2024 enrollment opens on November 1, 2023. EVIT places students on a first come, first served basis. Students who have all required documentation will be scheduled into a class if they meet the requirements and are accepted into the program. Once the class is full, students will be placed on a waiting list. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For additional information, call 480-461-4000 or visit [www.evit.com](http://www.evit.com).

**What is needed to register?**

High School students need a copy of their transcript and immunizations records. For students attending a school outside of our 11 school districts, proof of residency and proof of age is required.

**How many credits can be earned?**

A high school student can earn 3-4 credits per year at EVIT applicable toward graduation requirements in their home district. Students who are absent fifteen (15) days or more during a semester and are unable to make up those days will receive an "audit" grade for the semester. Students who fulfill the graduation requirements from their home district earn a diploma from their home high school. Community college articulation and/or dual enrollment credit is in place for high school students in designated courses.

**Do the high school academic credits from EVIT just count as electives?**

Generally, credits earned at EVIT fulfill only elective credit requirements for graduation. EVIT does offer Arizona Board of Regents (ABOR) approved embedded credits for specific programs. These credits are recognized and accepted at all Arizona universities as part of the entrance requirements. For the year-long course, students earn one (1) lab science credit and two (2) elective credits for a total of three (3) credits. The EVIT staff is working to get other EVIT program courses recognized in fulfilling core academic graduation requirements. Please check with your high school for specific information and acceptance of embedded credits.

**What time are classes?**

Classes meet Monday through Friday from 8:00 a.m. to 10:35 a.m. or 12:00 p.m. to 2:35 p.m. Students have the option of attending the AM or PM session. They attend their home school during the other portion of the day. The class times for some programs, such as Cosmetology, Barbering and some medical programs may be extended to meet state certification requirements. Transportation to/from extended hour classes may not be provided by your district. Please check with your home school if transportation is needed.

**Are there fees?**

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

**Are classes at EVIT offered to adults?**

Classes are available and open to adult students during the daytime, as space permits, and in the evening for some courses. Adult students have the option to attend adult-only programs or blended programs. Tuition is charged for adult students. For more information about programs for adult students, please contact Adult Education at EVIT at (480)461-4110 or visit [www.evit.com/adulted](http://www.evit.com/adulted).

# EVIT High School Programs by Campus

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

Course Code	Program Name	Main	Power	A.J.	Adult
DA10/20/30	3D Animation	X			X
CS14/24	Aesthetics	X			X
AM10/20/30/35	Automotive Technologies	X			X
AV05/10/20/35	Aviation		X		X
CS1525/35	Barbering	X			X
MC65/66	Behavioral, Mental and Social Health Services	X			X
AB10/20/30/35	Collision Repair	X			X
CU20/25/26	Commercial Baking and Pastry Arts	X			X
CT10/20/25	Construction	X		X	X
CS10/20/31	Cosmetology	X	X		X
LE10/20/25	Criminal Justice	X			X
CU10/15/16	Culinary Arts	X			X
MC59/60/61	Dental Assisting*	X			X
AM63/68/69/70	Diesel Technologies	X			X
IT11/30/35	Digital Device Diagnostic and Repair	X			X
DP10/20/25	Digital Photography*	X			X
CC10/20/25	Early Childhood Education	X			X
TR10/20/25	Electrical and Power Transmission	X			X
MC37/55/56	Emergency Medical Technician*	X			X
FIT11/13/25	Fashion Design and Merchandising	X			X
FF10/20/25	Fire and Emergency Services	X			X
IT60/61/62/63	Future Engineers		X		
MM30/35/40	Graphic/Web Design	X			X



AC10/20/25	Heating, Ventilation and Air Conditioning (HVAC)	X			X
HM10/20/25	Hospitality Management	X			X
FIT12/14/35	Interior Design and Merchandising	X			X
MA05/06/10/20/25	Massage Therapy	X			X
MC19/20/21/22/23	Medical Assistant*	X	X		X
IT12/20/26	Networking and Cyber Security*	X			X
MC29/30/31	Nursing Assistant*	X	X		X
MC43/63	Pharmacy Technician*	X			X
MC38/45/46	Physical Therapy Technician*	X			X
PLB10/20/22	Plumbing	X			X
RB10/20/30	Radio/Audio Production	X			X
IT13/40/45	Software Development, Coding and Mobile App Design	X			X
MC14/44/64	Veterinary Assistant*		X		X
TV10/20/30	Video Production	X			X
WD10/20/25	Welding	X	X	X	X

\*Second-year courses. Please see pre-requisites.

## EVIT Admissions Department

**Stephanie Bondeson, Registrar**

**Main Campus: 480-461-4018 • [sbondeson@evit.com](mailto:sbondeson@evit.com)**

**High School & Adult**

EVIT District Course Scheduling, Grades, Transcripts, Data Collection & Management, Mass Attendance Changes

**Noelle Villegas, Admissions Specialist**

**Main Campus: 480-461-4108 • [nvillegas@evit.com](mailto:nvillegas@evit.com)**

**High School Student Services**

General Advisement, Online Application Management, Student Records, Bilingual Services

**Megan Schnack, Admissions Specialist**

**Main Campus: 480-461-4120 • [mschnack@evit.com](mailto:mschnack@evit.com)**

**High School Student Services**

General Advisement, Online Application Management, Student Records

**Sara Snyder, Admissions Specialist**

**Power Campus: 480-308-4631 • [ssnyder@evit.com](mailto:ssnyder@evit.com)**

**High School Student Services**

General Advisement, Online Application Management, Student Records

**Lynne Holliefield, Admissions Specialist**

**Power Campus: 480-308-4641 • [lholliefield@evit.com](mailto:lholliefield@evit.com)**

**High School Student Services**

General Advisement, Online Application Management, Student Records

**Tony Niccum, STEPS - Special Education & IEP/504 Coordinator Main & Power Campus:**

**480-461-4154 • [tniccum@evit.com](mailto:tniccum@evit.com)**

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

**Connie McCool, Special Education Administrative Assistant**

**Main Campus: 480-461-4165 • [cmccool@evit.com](mailto:cmccool@evit.com)**

**Special Projects:** IEP/504 Accommodations Coordinator & Services

## **High School Counselor Steps to Register a Student for EVIT**

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

Morning session: 8:00 a.m. to 10:35 a.m.

Afternoon session: 12:00 p.m. to 2:35 p.m.

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

3. Students should be informed of the date EVIT recruiters/counselors will visit their campus.
4. Students should have the following documents when completing online application:

- Unofficial transcript
- Proof of age (may be on transcript)
- Immunization records
- Proof of residency, if attending a private or charter school

## **Returning EVIT Students**

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

## Walk-In Registration

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

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

Be advised: EVIT has moved to an online registration system. Please visit [www.evit.com](http://www.evit.com) & click on ENROLL NOW.

**NOTE:** Any student interested in programs at EVIT may submit an application for consideration. The East Valley Institute of Technology does not discriminate on the basis of race, color, religion, national origin, sex, disability, age, sexual orientation or lack of English language skills in admission and access to its programs, services, activities or any aspect of its operations and provides equal access to designated youth groups. EVIT also does not discriminate in its hiring or employment practices. EVIT has a policy of non-retaliation against any person who makes a complaint, testifies or participates in an investigation or civil rights proceeding regarding prohibited discrimination. EVIT will not request or consider IEPs, 504 Plans or other disability-related information in its admissions process. For "Seniors only" courses, students must have a grade 12 equivalent in academic credits. The following employees have been designated to handle inquiries regarding EVIT's nondiscrimination policies:

Title IX/Title VII/EEOC Coordinator Section 504/ADA Coordinator  
EVIT Superintendent Tony Niccum, STEPS  
1601 W. Main St., Mesa, AZ 85201 1601 W. Main St., Mesa, AZ 85201  
(480) 461-4000 (480) 461-4154  
[superintendent@evit.com](mailto:superintendent@evit.com) [tniccum@evit.com](mailto:tniccum@evit.com).

### **DA10, DA20, DA30 3D Animation 2-4 Semesters Main Campus (College credit options)**

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

<b>Certification</b>	Autodesk Certified User (Maya)
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA. Strong art skills beneficial.

### **CS14, CS24 Aesthetics 2 Semesters Main Campus (College credit options)**

Specialize in the science of skin care and makeup application. Learn techniques for exfoliation, skin analysis, deep pore cleansing, specialized treatments, facials and waxing. Prepare to take the Arizona State Board of Cosmetology exam for Aestheticians after completing this 600-hour program. **\*\* Students attend 4-hours each day & may be required to provide their own transportation. \*\***

<b>Certification</b>	Arizona Board of Cosmetology Aesthetics Licensure
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**AM10, AM20, AM30, AM35 Automotive Technologies 2-4 Semesters Main Campus (College credit options)** Train for a career in the automotive industry through Automotive Service Excellence Technicians Education Foundation certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of auto repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model automobiles and participate in work-based internship and job shadowing.

<b>Certification</b>	Automotive Service Excellence (ASE) Student Certifications (10)
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**AV05, AV10, AV20, AV35 Aviation 2-4 Semesters Power Campus (College credit options)**

Explore the exciting world of aviation through classroom experiences and hands-on lab work. Learn about the history of aviation, job opportunities and hands-on skill sets required for careers in areas such as air transportation operations, air traffic control, airframe and power-plant maintenance, professional pilot, airport management and unmanned aircraft systems (UAS) operations. Advanced Aviation Year 2 includes several more dual enrollment classes applicable to aviation degrees. Several options are available to begin your flight training in the second semester. This includes both airplanes and rotorcraft. Those not entering flight training will be involved in an internship.

<b>Certification</b>	Federal Aviation Administration (FAA) Ground School or Federal Aviation Administration (FAA) Remote Pilot, Private Pilot
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**CS15, CS25, CS35 Barbering 4+ Semesters Main Campus**

Imagine having a fun, high-paying job that lets you use your creativity to make people look good! Skills learned in the Barbering program focus on the care of hair, skin and nails. Technical training will include the theory of chemicals and hair coloring, cutting, styling, facial hair, client safety, hygiene and customer relations. Students will provide services to the public in a working barber shop on the EVIT campus. After completing the 1,500-hour course, students are prepared to take the State of Arizona Board of Barbers licensing exam. **\*\* May require summer hours. Students attend class for four hours each day and may be required to provide their own transportation. \*\***

<b>Certifications</b>	Arizona Board of Barbering Barber Licensure
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA
<b>Documents required for the program</b>	Proof of Age (Birth cert.), Social Security Card or Waiver, signed Statement of Understanding Program Requirements.

### **MC65, MC66 Behavioral, Mental & Social Health Services 2 Semesters Main Campus**

Prepare for a career in behavioral and social health as a behavioral or mental health technician. Certification can lead to job opportunities as a case manager, parent aide, family advocate, respite worker, or paraprofessional counselor. Certified Mental Health Technicians may work as part of a team and care for emotionally disturbed and mentally ill patients. Job opportunities are found in both public and private hospitals, nursing homes, and residential mental health facilities. Duties may include coordinating mental health services, patient interviews, treatment documentation as well as helping patients with their personal needs. This two-semester program will provide foundational modules in care delivery systems, legal/safety requirements, introduction to basic mental and social illnesses, disorders and conditions as well as strategies to improve mental and social health and resources to problem solve and promote well-being. **\*\* Students will be randomly drug tested.**

\*\*

<b>Certifications</b>	Mental Health Technician, Article 9 Certification, Psychological First Aid
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

### **AB10, AB20, AB30, AB35 Collision Repair 2-4 Semesters Main Campus**

Learn every aspect of the collision repair business, including damage diagnosis (estimating), non-structural metal repair, structural repair, set-up and measuring on frame equipment, paint preparation and refinish techniques with paint mixing, paint matching and blending procedures. Finish procedures familiarize you with color sanding and buffing as well as detailing. This is Arizona's first Automotive Service Excellence Education Foundation certified collision program. Students will have the opportunity to take I-CAR classes and obtain I-CAR credit hours as well as the opportunity to secure ASE (Automotive Service Excellence) certifications. Prepare for entry level jobs ranging from body or paint technician, parts procurement, production manager, insurance estimator or adjuster, paint or tool rep or salesperson and more.

<b>Certification</b>	Automotive Service Excellence (ASE) Student Certification, National Automotive Technicians Education Foundation (NATEF) Certification
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**CU20, CU25, CU26 Commercial Baking and Pastry Arts 2-4 Semesters Main Campus (College credit options)** Learn the tools-of-the-trade and professionalism necessary to gain employment as a baker, pastry chef or business owner. Baking instruction focuses on making cookies, cakes, chocolate confections, tarts, breads and plated desserts. The class advances to cake decorating, pastries, plate painting, individual desserts and wedding cakes. Students manage an on-site retail bakery and pastry shop to learn what it's like working in the industry and with the public. EVIT's Commercial Baking and Pastry Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation.

<b>Certification</b>	ServSafe Manager ACF Certification
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**CT10, CT20, CT25 Construction 2-4 Semesters Main & Apache Junction Campus (College credit options)** Learn to build a structure from the ground up! Develop hands-on skills in various disciplines of commercial and residential construction including electrical wiring, plumbing, masonry, framing, roofing, drywall and finish work. Students also gain an understanding of safety, hand and power tools, blueprint reading, and estimating, and construction operations. Students will have the opportunity to obtain the OSHA 10-hour card in Construction. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.

<b>Certification</b>	OSHA 10, NCCER Construction Technology
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**CS10, CS20, CS31 Cosmetology 2-4 Semesters Main & Power Campus (College credit options)**

Imagine having a fun, high-paying job that lets you use your creativity to make people look good! Skills focus on the care and beautification of hair, skin & nails. Technical training includes theory of chemicals and hair coloring, cutting, client safety, hygiene and customer relations. Second year students provide services to the public in a working salon on the EVIT campus. After completing the 1,500-hour course, students are prepared to take the Arizona State Board of Cosmetology licensing exam. **\*\* May require summer hours. Students attend class for four hours each day and may be required to provide their own transportation. \*\***

<b>Certification</b>	Arizona State Board of Cosmetology State License
<b>Prerequisites</b>	At least 10 high school credits, including 2 English credits; 2.0 GPA
<b>Documents required for the program</b>	Transcript with 10 credits including 2 credits of English (as mandated by state regulation), Social Security Card or Waiver, signed Statement of Understanding of Program Requirements, and a Cosmetology enrollment form

**LE10, LE20, LE25 Criminal Justice 2-4 Semesters Main Campus (College credit options)** Prepare for a career in criminal justice. Training includes basic crime scene investigation, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills, which will help when entering a career in the criminal justice system, including law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, college, or employment in criminal justice.

<b>Certification</b>	Unarmed Guard Card, <b>** Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion.</b>
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**CU10, CU15, CU16 Culinary Arts 2-4 Semesters Main Campus (College credit options)** Explore your passion for cooking while developing skills in all facets of the food service and hospitality industries. Training is provided in culinary arts (a la carte & quantity cooking), commercial baking and dining room operations. Students gain hands-on experience working special functions, breakfasts, luncheons and dinners in the culinary banquet hall. Students also have the opportunity to participate in culinary competitions and work with many of the top chefs and restaurants in the Valley. EVIT's Culinary Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation.

<b>Certification</b>	ServSafe Manager, ACF Certification
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**MC59, MC60, MC61 Dental Assisting 2-4 Semesters Main Campus**

First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course has a state approved embedded credit for lab science for MC59 ONLY.** Second year students prepare for a dental career by learning about dental office operations such as instrument recognition and sterilization, radiography and laboratory processes, preparing patients for examinations and assisting with operational procedures. First semester, students concentrate on classroom learning, hands-on skills practice and x-ray certification. During the second semester, skills and experience are gained through internships at local dental offices. Students are required to complete an 80-hour externship. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to job shadowing or internship sites. **\*\* Students will be randomly drug tested. \*\***

<b>Certification</b>	Dental Assisting X-Ray Certification <i>Certification available through the Dental Assisting National Board Inc. Students will complete the Radiation Health and Safety (RHS) Exam prior to clinical externship. For more information on the RHS Exam, visit <a href="http://www.danb.org">www.danb.org</a>.</i>
<b>Prerequisites – First Year (MC59)</b>	At least 6 high school credits; 2.0 GPA
<b>Prerequisites – Second Year (MC60 &amp; MC61)</b>	Seniors ONLY, Successful completion of MC59 or taken at least 1 credit of Biology or Anatomy & Physiology: 'C' or better, No criminal record, On track to graduate or a plan for graduation, 2.0 GPA or equivalent standardized test scores

**AM63, AM68, AM69, AM70 Diesel Technologies 2-4 Semesters Main Campus**

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

<b>Certification</b>	ASE Student Certifications (10)
<b>Prerequisites</b>	At least 6 high school credits ;2.0 GPA , Recommended: Prior knowledge/experience with basic automotive repair

**IT11, IT30, IT35 Digital Device Diagnostic and Repair 2-4 Semesters Main Campus (College credit options)** Learn the skills necessary to obtain CompTIA A+ Certification, an international industry credential for computer service technicians. Hands-on classroom training includes installation, configuration and upgrading of hardware and software. Students learn to maintain motherboards, processors and memory. They develop troubleshooting and basic networking skills. Students also learn to repair iPads, iPhones, gaming consoles and more. Students participate in SkillsUSA and Arizona Students Recycling Used Technology (AZStRUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

<b>Certification</b>	CompTIA A+ Plus Certification
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**DP10, DP20, DP25 Digital Photography 2 Semesters Main Campus (College credit options)** This program prepares students interested in pursuing a career in a digital photography related field. Students will be challenged to utilize the latest digital cameras and manipulate light, shadow and surrounding objects to capture images. Students use Adobe Photoshop, Lightroom and Illustrator to manipulate images in unique and creative formats. Students work both individually and in teams to create layouts, portfolios, etc.

<b>Certification</b>	State Certificate and Portfolio
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA



**CC10, CC20, CC25 Early Childhood Education 2-4 Semesters Main Campus (College credit options)** First year ECE I students focus on early childhood philosophy, childhood development, career opportunities and current issues in safety, health, nutrition and curriculum development. They gain hands-on experience in our on-site lab school operated by Bright Ideas and off-site at a variety of Head Start programs. Second year ECE II students participate in a lab setting and focus on child guidance techniques, family dynamics, observation/assessment, advanced curriculum development and classroom management. This performance-based program allows for advancement that meets individual academic needs. They also participate in an internship of their choice.

<b>Certification</b>	Certificate of Completion in Foundations of Early Childhood Education from Mesa Community College; Students opt in to follow pathway; Para Professional Praxis Certification (Seniors only), SafeTalk Suicide Certification, Food Handlers Certificate, CPR and First Aid Certificate
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA, Negative Tuberculosis test (all students tested in August), No criminal record (Arizona State Law requires students 18 and older to obtain a Fingerprint Clearance card)

**TR10, TR20, TR25 Electrical and Power Transmission Insulation 2-4 Semesters Main Campus (College credit options)** If you enjoy working with your hands, figuring out how things work and trouble-shooting, a specialized construction career in Electrical and Power Transmission Installation could be perfect for you. Students in this program learn how to install indoor and outdoor residential, commercial and industrial electrical systems and associated power transmission lines. This includes instruction in electrical systems, safety procedures, wiring, insulation and grounding, schematic blueprint interpretation, equipment operation and maintenance, and applicable codes and standards. Industry-driven curriculum helps prepare students for employment, apprenticeship or post-secondary education.

<b>Certification</b>	Occupational Safety & Health Administration (OSHA) 10/30; Independent Electrical Contractors (IEC) – Level 1 Apprentice Electrician Pre-Apprenticeship; National Center for Construction Education and Research (NCCER) Core; NCCER Electrical Level 1; NCCER Electrical Level 2; NCCER Power line Worker Level 1.
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA. Physical demands: Must be able to lift 50 pounds or more.

**MC37, MC55, MC56 Emergency Medical Technician 2-4 Semesters Main Campus (College credit options)** First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course has a state approved embedded credit for lab science for MC37 ONLY.** Second year students will begin the DHS EMT course. Students will learn to recognize the signs and symptoms of illness and injury, assess and treat patients, administer oxygen and provide basic medical care. Training consists of coursework and hands-on experience designed to prepare students to administer immediate care, stabilization and immobilization of victims in emergency situations. During the second semester, students will have an opportunity to complete 10 to 20 hours of clinical externship hours in an emergency room. Weekend and/or extended hours will be required for clinical. Students must provide their own transportation to the clinical site.

**\*\* Students will be randomly drug tested.\*\***

<b>Certification</b>	<p>EMT Certification</p> <p>Certification available through the National Registry of Emergency Medical Technicians (NREMT). Students under the age of 18 may complete the NREMT exam but will not be able to apply for EMT certification in the State of Arizona until they turn 18 years of age. For more information on the NREMT, visit <a href="http://nremt.org">nremt.org</a></p> <p><b>** Students must be 18 years of age by November 1 following course completion and a U.S. citizen or legal resident and provide proof of status to take certification exam.</b></p>
<b>Prerequisites – First Year (MC37)</b>	At least 6 high school credits; 2.0 GPA
<b>Prerequisites – Second Year (MC55 &amp; MC56)</b>	<p>Seniors ONLY</p> <p>Successful completion of MC37 <b>OR</b> taken at least 1 credit of Biology, Anatomy &amp; Physiology or Sports Medicine: 'C' or better; 1 Algebra credit and 1 English credit: 'C' or better <b>9th Grade Reading Level (students will be tested)</b></p> <p>No criminal record, 2.5GPA</p>

**FIT11, FIT13, FIT25 Fashion Design and Merchandising 2-4 Semesters Main Campus (College credit options)** This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories in the fashion industry. Learn the elements and principles of design, clothing fabrics and textiles, the use of color and texture, retail business merchandising, fashion illustration, visual merchandising, sewing and pattern making. Transform these skills into wearable garments, participate in various EVIT events such as the annual Spring Fashion Show.

Qualified students also have the opportunity to participate in FCCLA and compete in the Spring Conference.

<b>Certifications</b>	<p>National Retail Federation (NRF)</p> <p>First Year</p> <ul style="list-style-type: none"> <li>• NRF RISE UP Certification in Retail Industry Fundamentals</li> <li>• NRF RISE UP Certification in Customer Service &amp; Sales</li> </ul> <p>Second Year</p> <ul style="list-style-type: none"> <li>• NRF RISE UP Certification in Business of Retail</li> <li>• Personal Portfolio</li> </ul>
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**FF10, FF20, FF25 Fire and Emergency Services 2-4 Semesters Main Campus (College credit options)** Prepare for employment in fire and emergency services by learning how to protect, educate and serve the public. Gain experience through various hands-on training skills, including live fire training, search and rescue, high rise tower drills and operation of fire apparatus and equipment. The first year provides an overview of basic fire science fundamentals and technical rescue. The second-year students continue training in more advanced areas including wildland firefighting, emergency medical technician, vehicle extrication, employability, driver operator of emergency vehicles, aircraft rescue firefighting, preparing for firefighter candidate physical fitness test which include strenuous physical activity, including running and completion of strenuous hands-on physical activities related to fire fighting. Second year students also develop skillsets in hazardous materials response and live fire training. This course requires a physician's school physical. ***\*\*Students will be randomly drug tested. This program requires a physician's school physical.\*\****

<b>Certification</b>	CPR, Wildland Fire Fighter Certification, National Emergency Medical Technician (NREMT), NIMS 100, 200, 700
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**IT60, IT61, IT62, IT63 Future Engineers 2-4 Semesters Main & Power Campus (College credit options)** This program prepares students to pursue an education in engineering and related fields. Students will be challenged to develop solutions to engineering problems. They will learn skills to communicate, work in teams, solve mathematical, scientific and logistical problems. Classroom structure includes lecture, laboratory work, guest speakers and industry field trips. Students enrolling in dual enrollment are required to have taken or be enrolled in Algebra II/Trig, College Algebra or Pre-Calculus. This course is a project-based course where students learn use of tools and engineering skills. Those students advancing to second year work on a capstone project.

<b>Certification</b>	REC Pre-Engineers Certification, Solidworks CSWA
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**MM30, MM35, MM40 Graphic/Web Design 2-4 Semesters Main Campus (College credit options)** This program will prepare students interested in pursuing a career in graphic/web design and other multimedia related fields. Students are challenged to learn principles of graphic design, line, shape, pattern, form and color theory. Typography, digital pre-press and copyright laws are taught to ensure student success. Students will use Adobe Illustrator, Photoshop and InDesign to manipulate images and create dynamic graphics in unique and creative formats. Students will have opportunities to work on client-based projects to ensure real-world experience. Students will work individually and in teams to create and build digital portfolios and resumes. Students can learn the ins & outs of digital printing in EVIT's Digital Print Shop.

<b>Certification</b>	State Certificate and Portfolio
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**AC10, AC20, AC25 Heating, Ventilation and Air Conditioning (HVAC) 2-4 Semesters Main Campus (College credit options)** The U.S. Bureau of Labor expects the nationwide demand for trained HVAC specialists to continue growing due to advancing technology and an aging workforce. Learn skills required to install, service and repair air conditioning, refrigeration, and heating equipment in commercial and residential settings. Students in this program gain knowledge in electrical maintenance, wiring, appliance repair, repair of electric controls and circuits. Internship and job shadowing opportunities are available.

<b>Certification</b>	NCCER HVAC Level 1 & 2
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**HM10, HM20, HM25 Hospitality Management 2 Semesters Main Campus (College credit options)** Students will learn the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, and hospitality planning and business operations. Critical thinking and practical problem solving is emphasized. Entrepreneurship opportunities within the field of hospitality is encouraged. Core academic application of math, science and language arts are necessary.

<b>Certification</b>	American Hotel & Motel Lodging Association, Certified Front Desk Representative, Certified Guest Services Professionals (CGSP), Certified Restaurant Server, ServSafe Food Service Manager
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**FIT12, FIT14, FIT35 Interior Design & Merchandising I & II 2-4 Semesters Main Campus (College credit options)** This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories within the interior design industry. Learn elements and principles of design, interior fabrics and textiles, the use of color and texture, retail merchandising, visual merchandising, floor space planning, rendering and Chief Architect rendering. Transform these skills into becoming an interior design apprentice, create elaborate sets and window displays, presentation boards and participate in various EVIT events, FCCLA competitions, and design shows. Interior Design students complete the state standard course in one year. Qualified students continuing to the second year, work on projects and internships.

<b>Certifications</b>	National Retail Federation (NRF)
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**MA05, MA06, MA10, MA20, MA25 Massage Therapy 2-4 Semesters Main Campus (College credit options)** Study Western and Eastern massage modalities, including Swedish, Sports, Chair, Hot Stone and Reflexology. Coursework includes anatomy and physiology, pathology, hygiene, ethics and business practices. Students prepare for their state certification by completing 700 hours of hands-on training in the public clinic on campus and at community events. Students have the option of choosing the 2.0-hours per day, two-year program or the four hours per day, one-year program. Please state which option the student is choosing on the application. **\*\* Students will be randomly drug tested.\*\***

<b>Certification</b>	Arizona State Board of Massage, Massage Therapy Licensure. Students are eligible to apply for a Massage Therapy license upon successful completion of the program and the 700 clock hours. To apply for a license or more information, visit <a href="http://massagetherapy.az.gov">massagetherapy.az.gov</a> . <b>** Students must be 18 years of age before applying for state licensure.</b>
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**MC19, MC20, MC21, MC22 & MC23 Medical Assistant 2-4 Semesters Main & Power Campus (College credit options)**

First-year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course has a state approved embedded credit for lab science for MC19 ONLY.** Medical Assistants are educated and trained to perform administrative and clinical skills in a variety of settings, including doctors' offices, hospitals and clinics. Learn medical terminology, body systems, EKG, phlebotomy, autoclave, CPR and first aid, OSHA safety standards and other medical specialties. Gain an understanding of office procedures such as patient billing, medical records, purchasing and filing of insurance claims. Students complete a clinical externship during the second year of the course. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to the clinical sites.

**\*\* Students will be randomly drug tested.**

<b>Certification</b>	CCMA Certification Certification available through the National Health Career Association (NHA). Students will complete the Certified Medical Assistant (CCMA) exam at the end of this program. Also, students have options of completing the Phlebotomy Technician (CPT) exam and EKG Technician (CET) exam outside the completion of the program. For information on the NHA certifications, visit <a href="http://nhanow.com">nhanow.com</a> .
<b>Prerequisites – First Year (MC37)</b>	At least 6 high school credits; 2.0 GPA
<b>Prerequisites – Second Year (MC20 &amp; MC21)</b>	Seniors ONLY, Successful completion of MC19 <b>AND</b> taken at least 1 credit of Biology: 'C' or better, No criminal record, On track to graduate or a plan for graduation, 2.0 GPA
<b>Prerequisites – One Year 4-hour Program (MC22 &amp; MC23)</b>	2 Math credits, 2 English and Biology credits: all 'C' or better, No criminal record, , 2.0 GPA or equivalent standardized test scores

**IT12, IT20, IT26 Networking Academy & Cyber Security 2-4 Semesters Main Campus (College credit options)** Students will be introduced to computer-networking and the field of cyber security. Coursework includes network/cyber terminology and protocols, communication fundamentals in data networks/security and Internet security. Students study the Open Systems Interconnection (OSI) model, using a top-down approach, cabling and cabling tools, basic Cisco router, configuration, Ethernet technologies, Internet Protocol (IP) addressing and an overview of Internet Protocol version 6 (IPv6), basic configuring and testing of the network, standards and network penetration. The course prepares students for the Cisco Certified Network Architect (CCNA) examination in the first year as well as a cyber-security certification, in second year. Students will learn the skills needed to pass the CompTIA Security+ Exams, which ensure that candidates will apply knowledge of security concepts, tools and procedures to react to security incidents; it ensures that security personnel are anticipating security risks and guarding against them.

<b>Certification</b>	CompTIA Security+<Cisco CCT, ETA TTT
<b>Prerequisites</b>	At least 6 high school credits; 2.0

**MC29, MC30, MC31 Nursing Assistant 2-4 Semesters Main & Power Campus (College credit options)**

First-year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course has a state approved embedded credit for lab science for MC29 ONLY.** A Nursing Assistant works under the supervision of a nurse to provide daily basic care for patients in hospitals, physicians' offices, private homes, clinics and assisted living facilities. First semester, learn CPR, anatomy and physiology, medical terminology, vital signs, hygiene, human reproduction, basic nutrition and patient care. During the second semester, students work in clinical settings to master the skills required for the state certification exam. Flexible hours are required and depend upon the availability of clinical sites. Weekend and/or extended days may be required. Student must provide their own transportation to the clinical sites.

**\*\* Students will be randomly drug tested.**

<b>Certification</b>	Arizona State Board of Nursing Certified Nursing Assistant License, Certification and licensure available through the Arizona State Board of Nursing. Students are required to have proof of legal presence in the U.S. in order to test for or renew certification or licensure. All testing will be conducted on-site at EVIT. For more information on the Arizona State Board of Nursing licensure requirements, visit <a href="http://www.azbn.gov">www.azbn.gov</a> .
<b>Prerequisites – First Year (MC29)</b>	At least 6 high school credits; 2.0 GPA
<b>Prerequisites – Second Year (MC30 &amp; MC31)</b>	Seniors ONLY, Successful completion of MC29 <b>OR</b> taken at least 1 credit of Biology, Anatomy & Physiology: 'C' or better; 1 Algebra credit and 1 English credit: 'C' or better No criminal record, 2.0 GPA or equivalent standardized test scores

**MC43, MC63 Pharmacy Technician 2 Semesters Main Campus (College credit options)** Pharmacy technicians help licensed pharmacists prepare prescription medications, provide customer service and perform administrative duties. During the first semester, students concentrate on basic health care concepts including: medical terminology, safety, customer service, problem solving and CPR. Students learn occupation specific skills during the second semester. This rigorous academic course requires a high level of independent study while learning procedures for receiving prescription requests, counting tablets and labeling bottles. They also master administrative functions such as answering phones and stocking shelves. Students must be 18 to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student. **\*\* Students will be randomly drug tested.**

<b>Certification</b>	Pharmacy Technician, Certification available through the Pharmacy Technician Certification Board (PTCB). Students must be 18 years of age and within 60 days of high school graduation to apply to take the test. For more information on the PTCB, visit <a href="http://www.ptcb.org">www.ptcb.org</a> . Students who successfully pass the PTCB exam can apply for a Pharmacy Technician license with the State of Arizona at <a href="http://pharmacy.az.gov">pharmacy.az.gov</a> .
<b>Prerequisites</b>	Seniors ONLY, high school credits; 2.0 GPA

**MC38, MC45, MC46 Physical Therapy Technician 2-4 Semesters Main Campus (College credit options)** First-year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course has a state approved embedded credit for lab science for MC38 ONLY.** Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation as the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites.

**\*\* Students will be randomly drug tested.**

<b>Certification</b>	Chiropractor Assistant
<b>Prerequisites – First Year (MC37)</b>	At least 6 high school credits; 2.0 GPA
<b>Prerequisites – Second Year (MC55 &amp; MC56)</b>	Seniors ONLY, Successful completion of MC38 <b>OR</b> taken at least 1 credit of Biology, Anatomy & Physiology or Sports Medicine: 'C' or better; 1 Algebra credit and 1 English credit: 'C' or better, No criminal record, On track to graduate or a plan for graduation, 2.0 GPA

**PLB10, PLB20, PLB22 Plumbing 2-4 Semesters Main Campus (College credit options)** The U.S. Bureau of Labor expects the nationwide demand for trained plumbing specialists to continue to grow due to an aging workforce and advances in technology. Plumbers protect the health of nations. The expert training you will receive will prepare you for a new career as a highly paid skilled technician. Students will study customer communication skills, water distribution systems, drainage waste and vent systems, plumbing fixtures, potable water quality, green plumbing, water heating concepts and plumbing fixture installation.

<b>Certification</b>	NCCER Plumbing Level 1, 2 and 3
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**RB10, RB20, RB30 Radio/Audio Production 2-4 Semesters Main Campus (College credit options)** EVIT's Radio/Audio Production program is home to KVIT, 88.7FM The Pulse, a non-commercial radio station that features the work of our students. The Radio/Audio program also features a state-of-the-art digital recording studio. Students will be trained in radio commercials, promos, and show production, music creation and production, journalism writing and reporting, media marketing, live sound production and more. Students can focus their skills on sports broadcasting, as EVIT Radio airs high school football, basketball and baseball/softball games during the school year throughout the East Valley. Students will train to be play-by-play announcers, analysts, & on-site live sound engineers. Students gain hands-on experience using Pro Tools recording and editing software, NextGen radio software and more.

<b>Certification</b>	Society of Broadcast of Engineers – Radio Operator Certification
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**IT13, IT40, IT45 Software Development, Coding & Mobile App 2-4 Semesters Main Campus (College credit options)** This program prepares students for a career in computer programming & mobile application design. Students are challenged to develop computer programs in multiple formats for use in the robotics industry, computer information systems, mobile application design and business organizations. They will also learn the skills necessary to communicate clearly, collaborate with peers, solve logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design computer and mobile application programs using multiple platforms based on computer science principles. Students can complete the program with a variety of industry certificates.

<b>Certification</b>	Current industry recognized certificate(s)
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA



**MC14, MC44, MC64 Veterinary Assistant 4 Semesters Power Campus (College credit options)** Prepare for a career in the veterinary field while learning skills that will allow you to work with all creatures, large and small. Integrate your love for animals with medical knowledge such as assisting with radiographs, assisting with venipuncture, assisting with administering medications and vaccines, performing animal restraint and assisting with surgery, performing various laboratory procedures and assisting with general exams. During the first year, students focus on the anatomy and physiology of animal species, hands-on skills and practical applications. Second year students improve upon their skills through job shadowing and externships at local shelters, small and large animal practices and wildlife facilities. Students will be exposed to a variety of well and sick animals. Students must provide their own transportation to job shadowing and externship sites. Flexible hours may be required depending upon clinical availability. ***\*\*Student will be randomly drug tested***

<b>Certification</b>	NAVTA Certified Veterinary Assistant
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

**TV10, TV20, TV30 Video Production 2-4 Semesters Main Campus (College credit options)** Show off your creativity and explore the exciting process of video and film production in one of the largest green screen and production studios in Arizona. Learn every aspect of visual media productions, including film-making, event production, corporate event production, commercials, music videos and documentaries while using industry standard equipment. Enter your short films in film festivals. Work with clients to produce real-world projects in a fully-equipped studios and editing bays while developing skills in all three phases of video and film making - preproduction, production and postproduction.

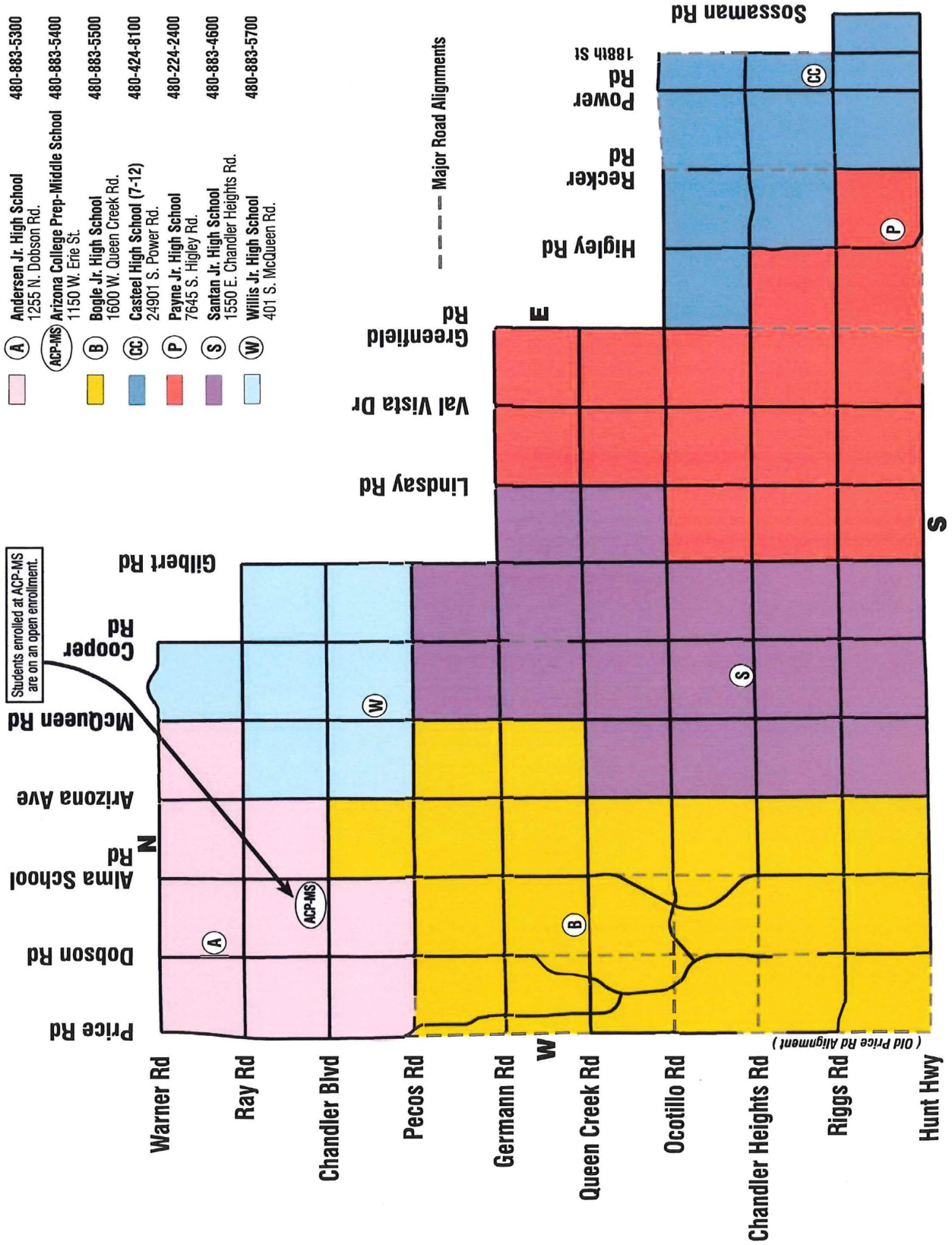
<b>Certification</b>	State Certificate and Portfolio
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA or equivalent standardized test scores

**WD10, WD20, WD25 Welding 2-4 Semesters Main, Power, & Apache Junction Campuses (College credit options)** Get fired up about a career in welding while working with a variety of materials such as mild steel, aluminum and stainless steel. Learn metal fabrication and entry level welding techniques to build or repair structures or products. Work on school and customer-related projects using OXY/FUEL cutting, PLASMA cutting, SMAW, GMAW and GTAW welding. This program has an outstanding job placement rate and offers paid internships for qualified students.

<b>Certification</b>	AWS Certifications – D1.1, SMAW, GMAW, GMAN, GTAW, FCAW, Students have the opportunity to become members of the American Welding Society and test for industry certification.
<b>Prerequisites</b>	At least 6 high school credits; 2.0 GPA

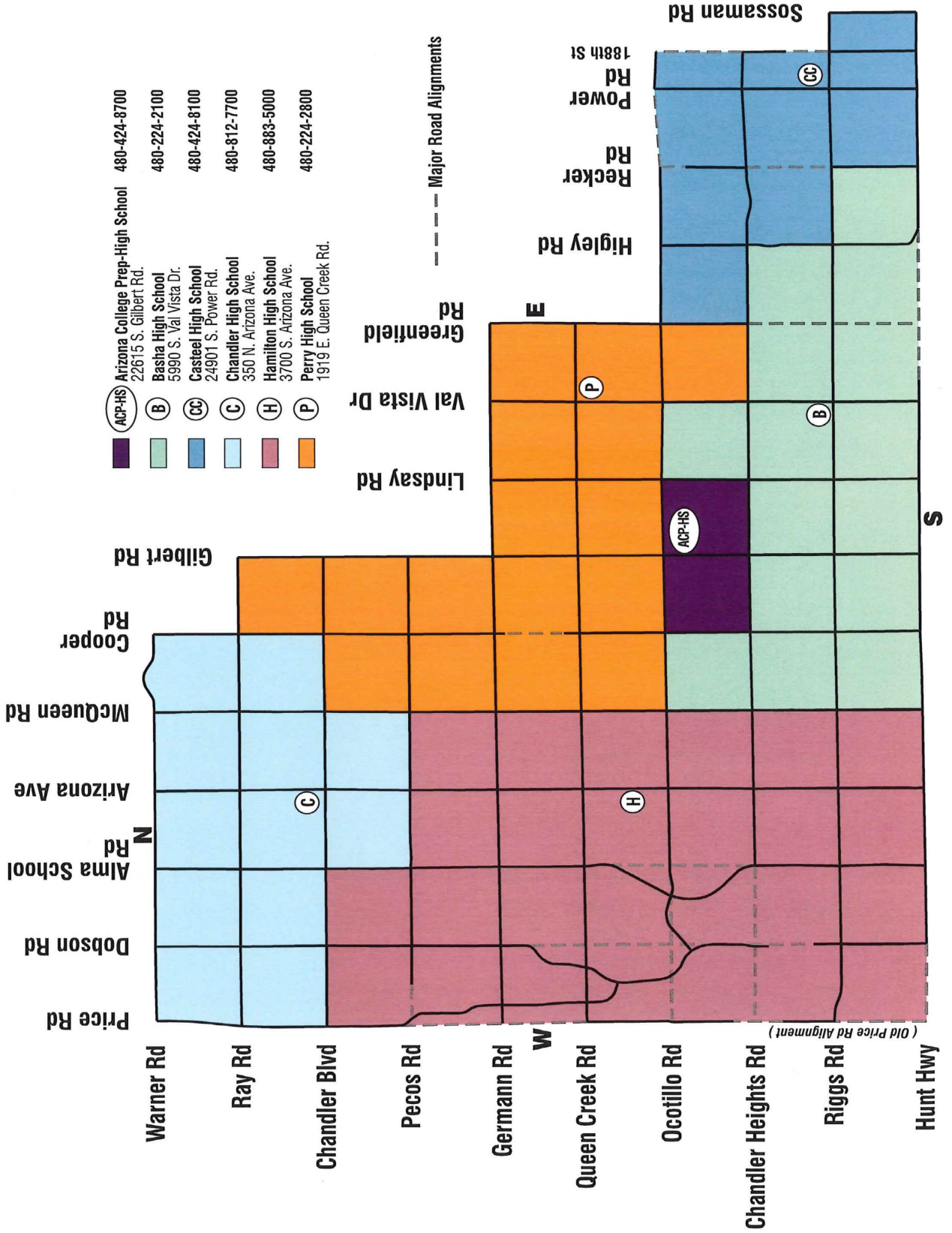
# Chandler Unified School District No. 80

## Junior High Attendance Boundaries for 2022-2023



# Chandler Unified School District No. 80

## High School Attendance Boundaries for 2022-2023



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