

Chandler Online Academy

Excellence Online

Course Catalog 2014/2015

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Chandler Unified School District

Contents

Comprehensive Course List: Contains a listing and descriptions of all courses for the 2014/2015 school year as well as all course fees and pre-requisites.

Table of Contents

Page 2

General Information.....	3
Standards of Excellence.....	2
Course Credits.....	2
Explanation of Grades.....	3
Classes Taken a Second Time.....	4
Transfer Students.....	4
Weighted Classes.....	4
Material Usage Fees.....	4
East Valley Institute of Technology (EVIT).....	4
Electives.....	5
English/Language Arts.....	9
Mathematics.....	12
Science.....	15
Social Studies.....	17
NCAA Approved Courses.....	19

General Information

Standards of Excellence

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

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

All online high school courses offered by Chandler Online Academy are worth .5 credit that can be applied toward graduation. Each .5 credit course is designed to be completed in 9 weeks and will require 75-125 hours of study and learning activity time for a student to complete all coursework and earn credit. Students must complete all pre-requisites listed for courses prior to registering.



Course Credits

One-half unit of credit is granted to students who receive a passing grade in a one-semester course. Junior high courses and courses taken by students enrolled in a grade level below 9th grade cannot be used for high school credit. High school math, science, and world languages taken in 7th and 8th grade may be placed on the student's high school transcripts but will not count towards fulfilling high school graduation requirements. Only students enrolled in grades 9-12 will receive credit for high school level courses.

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

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

Acceptance of transfer credits from sources outside the Chandler Unified School District is not automatic. It is recommended that students meet with their counselor before enrolling in courses outside the Chandler Unified School District to clarify whether the credit will be granted as an elective or core and to determine what process must be followed. Please refer to policy JFABC and JFABC-R, Admission of Transfer Student (Academic Transfer Credits). CUSD Governing Board Policy can be found at www2.chandler.k12.az.us/school-board.html.

Graduation Requirements

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 2015-2016 and earlier are required to pass the state-mandated AIMS (Arizona's Instrument to Measure Standards) tests in reading, writing, and math.

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

Curriculum Area	Chandler Unified School District Graduation Requirements	Arizona University Entrance Requirements
English (see pg. 17)	4 credits	4 credits
Math (see pg. 48)	4 credits	4 credits
Science (see pg. 36)	3 credits Student must complete one year in the same science course to receive credit towards graduation. Investigative Science, Biology, Chemistry, Physics and Human Biology	3 lab science credits One credit in each of three different laboratory sciences selected from the following: Chemistry, Physics, or Biology. An integrated laboratory science or an advanced level laboratory science (Human Biology, Biotechnology, and Investigative Science) may be used to substitute for one required course.
Social Studies (see pg. 44)	3 credits World History/Geography, Economics, American/AZ History, US/AZ Government	2 credits
Career and Technical Education/Fine Arts	1 credit	1 Fine Arts credit
World Language (see pg. 68)	0 credit	2 credits Two years of the same language
Physical Education	1 credit	0 credit
Comprehensive Health	1/2 credit	0 credit
Required Courses	16 1/2 credits	16 credits
Elective Courses	5 1/2 credits	0 credits
Total Required Credits	22 credits	16 credits

Explanation of Grades

Non-Weighted Classes

All courses taught for credit receive a letter grade or pass/fail option. In order to earn a passing grade and receive credit, students must take the final exam in a designated proctored testing environment and score 60%* or higher on the proctored final exam. 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
NY	Pass/Fail (option only available for student aide, Peer Facilitator, or AVID tutor)	
I	Incomplete (maximum length of time to make up a course is one semester)	
WT	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 courses. The grade-point value for these grades is A=5.0, B=4.0, C=3.0, D=1.0, F=0. Weighted courses are listed with Honors or AP (Advanced Placement) designations in their titles. Grade point average (GPA) for transferring students is recomputed 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.

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 available to Full-time online students; they are not available to Concurrent or Part-time online students.

Classes Taken a Second Time

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

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 School Board Policy JFABC and JFABC-R, Admission of Transfer Student (Academic Transfer Credits). Fol-

lowing 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 www2.chandler.k12.az.us/school-board.html.

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. Fees associated with individual courses are provided in the Course Description section of this catalog. In addition to specific course fees, online courses taken in addition to a full schedule of 6 classes per semester must be purchased prior to starting the course/s. Concurrent students taking an online course for credit recovery or grade replacement will be assessed the course fee. *Any student or family not able to pay these fees because of economic hardship should contact the principal of the school at which they take the majority of their scheduled classes.*

East Valley Institute of Technology (EVIT)

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

World Languages

Spanish 1 Semester 1

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

Prerequisites: Grades 9-12

Credits: 0.5

Spanish 1 Semester 2

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

Prerequisites: Grades 9-12

Credits: 0.5

Spanish 2 Semester 1

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

Prerequisites: Grades 9-12. Spanish 1.

Credits: 0.5

Spanish 2 Semester 2

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

Prerequisites: Grades 9-12. Spanish 1.

Credits: 0.5

Spanish 3 Semester 1

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

Prerequisites: Grades 9-12. Spanish 2.

Credits: 0.5

Spanish 3 Semester 2

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

Prerequisites: Grades 9-12. Spanish 2.

Credits: 0.5

AP Spanish Language Semester 1

This course is designed to develop students' interpersonal communication skills in Spanish and to prepare them for the AP Language examination. Students will learn to achieve a high level of ability in listening, speaking, reading and writing. ***Available for Full-time Chandler Online students only.**

Prerequisites: Grades 10-12. Spanish 3 or equivalent or instructor approval.

Credits: 0.5

AP Spanish Language Semester 2

This course is designed to develop students' interpersonal communication skills in Spanish and to prepare them for the AP Language examination. Students will learn to achieve a high level of ability in listening, speaking, reading and writing. ***Available for Full-time Chandler Online students only.**

Prerequisites: Grades 10-12. Spanish 3 or equivalent or instructor approval

Credits: 0.5

Business Technology

Computing for College and Careers (Semester 1 & Semester 2)

The purpose of this course is to guide students in building their career foundation. Students will learn how to turn their computer into an effective tool for communication, acquiring essential business skills needed for any successful career. *Students are required to attend the computer lab at the COA Testing Center a minimum of 1 hour per week to complete the typing portion of the class.

Credits: Two 0.5 credit courses

Health & Physical Education

Physical Education (P.E.) (Semester 1 & Semester 2)

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

Credits: Two 0.5 credit courses

Comprehensive Health

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

Credits: 0.5 credit course

Personal Fitness (1 semester of P.E.)

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

Credits: 0.5 credit course

Art in World Cultures (Semester 1 & Semester 2)

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

Credits: Two 0.5 credit courses

Creative Writing (Semester 1 & Semester 2)

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

Credits: Two 0.5 credit courses

Astronomy (Semester 1 & Semester 2)

This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Credits: Two 0.5 credit courses

**Criminology
(Semester 1 & Semester 2)**

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

Credits: Two 0.5 credit courses

**Digital Photography I
(Semester 1 & Semester 2)**

The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

Credits: Two 0.5 credit courses

**Digital Photography II
(Semester 1 & Semester 2)**

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

Credits: Two 0.5 credit courses

**Health Science The Whole Individual
(Semester 1 & Semester 2)**

In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

Credits: Two 0.5 credit Courses

**Human Geography
(Semester 1 & Semester 2)**

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

Credits: Two 0.5 credit Courses

**Law & Order
(Semester 1 & Semester 2)**

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society’s legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

Credits: Two 0.5 credit Courses

**Music Appreciation
(Semester 1 & Semester 2)**

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

Credits: Two 0.5 credit courses

**Personal Psychology I
(Semester 1 & Semester 2)**

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

Credits: Two 0.5 credit courses

**Personal Psychology II
(Semester 1 & Semester 2)**

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

Credits: Two 0.5 credit courses

**Intro to Sociology
(Semester 1 & Semester 2)**

Students will examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

Credits: Two 0.5 credit courses

**Sociology: Your Social Life
(Semester 1 & Semester 2)**

Sociology is the study of people, social life and society. By developing a “sociological imagination” students will be able to examine how society itself shapes human action and beliefs...and how in turn these factors re-shape society itself! Fascinating online videos journeys will not only inform students, but motivate them to still seek more knowledge on their own.

Credits: Two 0.5 credit courses

**Sports and Entertainment Marketing
(Semester 1 & Semester 2)**

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

Credits: Two 0.5 credit courses

Junior High Language Arts

7th Grade Language Arts Semester 1

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

Prerequisites: Recommended for 7th Grade

Credits: Junior High 0.5

***Honors Available with Administrative Approval**

7th Grade Language Arts Semester 2

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

Prerequisites: Recommended for 7th Grade

Credits: Junior High 0.5

***Honors Available with Administrative Approval**

8th Grade Language Arts
(Semester 1 & Semester 2)

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

Prerequisites: Recommended for 8th Grade

Credits: Junior High 0.5

***Honors Available with Administrative Approval**

High School English

English 9 Semester 1

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

Credits: 0.5

Prerequisites: 9th grade or administrative approval

English 9 Semester 2

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

Credits: 0.5

Prerequisites: 9th grade or administrative approval

Honors English 9 Semester 1

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

Prerequisites: Administrative approval.

Credits: 0.5

Honors English 9 Semester 2

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

Prerequisites: Administrative approval.

Credits: 0.5

English 10 Semester 1

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

Prerequisites: English 9

Credits: 0.5

English 10 Semester 2

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

Prerequisites: English 9

Credits: 0.5

Honors English 10 Semester 1

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

Prerequisites: Honors English 9 or administrative approval.

Credits: 0.5

Honors English 10 Semester 2

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

Prerequisites: Honors English 9 or administrative approval.

Credits: 0.5

English 11 Semester 1

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

Prerequisites: English 10.

Credits: 0.5

English 11 Semester 2

In this course, the writing and insights of authors throughout history are collected in a fictitious newspaper called "The Virtual Times." Students will gain an appreciation of American literature and learn about the times in which it was written.
Prerequisites: English 10.
Credits: 0.5

English 12 Semester 1

In this course, students will be asked to choose pieces of literature that interests them; analyzing the subject matter, and persuasively expressing their own ideas.
Prerequisites: Grade 12. English 11.
Credits: 0.5

English 12 Semester 2

In this course, students will be asked to choose pieces of literature that interests them; analyzing the subject matter, and persuasively expressing their own ideas.
Prerequisites: Grade 12. English 11.
Credits: 0.5

AP English Language and Composition Semester 1

Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. They will gain understanding of the interactions between writer's purposes, audience expectations, and subjects.
*Students are responsible for \$25 for the AP Exam Review Materials. ***Available for Full-time Chandler Online students only.**
Prerequisites: Grade 11. English 9 & 10
Credits: 0.5

AP English Language and Composition Semester 2

Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. They will gain understanding of the interactions between writer's purposes, audience expectations, and subjects.
*Students are responsible for \$25 for the AP Exam Review Materials. ***Available for Full-time Chandler Online students only.**
Prerequisites: Grade 11. English 9 & 10
Credits: 0.5

AP English Literature and Composition Semester 1

In this course, students will develop critical standards for the appreciation of literary works and increase their sensitivity to literature as shared experiences.
*Students are responsible for \$35 for the English Literature e-Book and \$25 for the AP Exam Review Materials. ***Available for Full-time Chandler Online students only.**
Prerequisites: Grade 12. English 9, 10, & 11
Credits: 0.5

AP English Literature and Composition Semester 2

In this course, students will develop critical standards for the appreciation of literary works and increase their sensitivity to literature as shared experiences.
*Students are responsible for \$35 for the English Literature e-Book and \$25 for the AP Exam Review Materials. ***Available for Full-time Chandler Online students only.**
Prerequisites: Grade 12. English 9, 10, & 11
Credits: 0.5

Junior High

7th Grade Mathematics Semester 1

This course gives students opportunities to create, investigate, and demonstrate knowledge through animations, applications, videos, games, and real-world scenarios.
Prerequisites: Recommended for 7th Grade
Credits: junior high 0.5

7th Grade Mathematics Semester 2

This course gives students opportunities to create, investigate, and demonstrate knowledge through animations, applications, videos, games, and real-world scenarios.
Prerequisites: Recommended for 7th Grade
Credits: junior high 0.5

Honors 7th Grade Mathematics Semester 1

Students will love this hands-on math course. Through engaging exercises and assessments students will gain a true understanding of higher-level concepts, such as systems of equations and central tendencies.
Prerequisites: Recommended for 8th Grade
Credits: junior high 0.5

Honors 7th Grade Mathematics Semester 2

Students will love this hands-on math course. Through engaging exercises and assessments students will gain a true understanding of higher-level concepts, such as systems of equations and central tendencies.
Prerequisites: Recommended for 8th Grade
Credits: junior high 0.5

8th Grade Mathematics Semester 1

Students will love this hands-on math course. Through engaging exercises and assessments students will gain a true understanding of higher-level concepts, such as systems of equations and central tendencies.
Prerequisites: Recommended for 8th Grade
Credits: junior high 0.5

8th Grade Mathematics Semester 2

Students will love this hands-on math course. Through engaging exercises and assessments students will gain a true understanding of higher-level concepts, such as systems of equations and central tendencies.
Prerequisites: Recommended for 8th Grade
Credits: junior high 0.5

Honors 8th Grade Mathematics (Algebra I) Semester 1

This course contains the basic knowledge students need for all high school math courses. Students will understand the practical use of algebra with hundreds of real-world examples.
Prerequisites: Pre-Algebra (8th Grade Math or Honors 7th Grade Math)
Credits: junior high 0.5

Honors 8th Grade Mathematics (Algebra I) Semester 2

This course contains the basic knowledge students need for all high school math courses. Students will understand the practical use of algebra with hundreds of real-world examples.
Prerequisites: Pre-Algebra (8th Grade Math or Honors 7th Grade Math)
Credits: junior high 0.5

High School

Algebra I Semester 1

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

Prerequisites: Pre-Algebra (8th Grade Math)

Credits: 0.5

Algebra I Semester 2

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

Prerequisites: Pre-Algebra (8th Grade Math)

Credits: 0.5

Geometry Semester 1

In this course, students will learn about points, lines, and planes. They will learn about shapes and gain an understanding of how geometry affects the world around us. *Honors is only available to students in 9th grade.

Prerequisites: Algebra I (Math Year 1)/ Honors Algebra I (Honors 8th Grade Math)

Credits: 0.5

Geometry Semester 2

In this course, students will learn about points, lines, and planes. They will learn about shapes and gain an understanding of how geometry affects the world around us. *Honors is only available to students in 9th grade.

Prerequisites: Algebra I (Math Year 1)/ Honors Algebra I (Honors 8th Grade Math)

Credits: 0.5

Honors* Geometry Semester 1

In this course, students will learn about points, lines, and planes. They will learn about shapes and gain an understanding of how geometry affects the world around us. *Honors is only available to students in 9th grade.

Prerequisites: Algebra I (Math Year 1)/ Honors Algebra I (Honors 8th Grade Math)

Credits: 0.5

Honors* Geometry Semester 2

In this course, students will learn about points, lines, and planes. They will learn about shapes and gain an understanding of how geometry affects the world around us. *Honors is only available to students in 9th grade.

Prerequisites: Algebra I (Math Year 1)/ Honors Algebra I (Honors 8th Grade Math)

Credits: 0.5

Algebra II Semester 1

Starting with a review of basic algebra, students will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics. *Honors is only available to students in 9th or 10th grade.

Prerequisites: Geometry (Math Year 2)/ Honors Geometry (Honors Math Year 2)

Credits: 0.5

Algebra II Semester 2

Starting with a review of basic algebra, students will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics. *Honors is only available to students in 9th or 10th grade.

Prerequisites: Geometry (Math Year 2)/ Honors Geometry (Honors Math Year 2)

Credits: 0.5

Honors* Algebra II Semester 1

Starting with a review of basic algebra, students will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics. *Honors is only available to students in 9th or 10th grade.

Prerequisites: Geometry (Math Year 2)/ Honors Geometry (Honors Math Year 2)

Credits: 0.5

Honors* Algebra II Semester 2

Starting with a review of basic algebra, students will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics. *Honors is only available to students in 9th or 10th grade.

Prerequisites: Geometry (Math Year 2)/ Honors Geometry (Honors Math Year 2)

Credits: 0.5

Pre-calculus Semester 1

This course includes analytical geometry and trigonometry. Students, as mathematic analysts, will investigate how advanced mathematics concepts can solve problems encountered in operating national parks.

Prerequisites: Algebra 2 (Math Year 3)

Credits: 0.5

Pre-calculus Semester 1

This course includes analytical geometry and trigonometry. Students, as mathematic analysts, will investigate how advanced mathematics concepts can solve problems encountered in operating national parks.

Prerequisites: Algebra 2 (Math Year 3)

Credits: 0.5

AP Calculus AB Semester 1

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

the Calculus AB Advanced Placement® Exam. ***Available for Full-time Chandler Online students only. *\$50.00 refundable deposit required for CD–rom**

Prerequisites: Pre-calculus or Trigonometry

Credits: 0.5

AP Calculus AB Semester 2

This course consists of a full high school year of work that is comparable to college and university calculus courses. Taking this course will help prepare students for the Calculus AB Advanced Placement® Exam. ***Available for Full-time Chandler Online students only. *\$50.00 refundable deposit required for CD–rom**

Prerequisites: Pre-calculus or Trigonometry

Credits: 0.5

AP Calculus BC Semester 1

This course consists of a full high school year of work that is comparable to college and university calculus courses. Taking this course will help prepare students for the Calculus BC Advanced Placement Exam. *Students are responsible for a rental fee of \$25 for the e-book CD Rom. The fee applies to each semester of the class. ***Available for Full-time Chandler Online students only. *\$50.00 refundable deposit required for CD–rom**

Prerequisites: Calculus AB

Credits: 0.5

AP Calculus BC Semester 2

This course consists of a full high school year of work that is comparable to college and university calculus courses. Taking this course will help prepare students for the Calculus BC Advanced Placement Exam. *Students are responsible for a rental fee of \$25 for the e-book CD Rom. The fee applies to each semester of the class. ***Available for Full-time Chandler Online students only. *\$50.00 refundable deposit required for CD–rom**

Prerequisites: Calculus AB

Credits: 0.5

Junior High

7th Grade Science Semester 1

In this course, students explore the foundations of science, energy, Earth and its features; Earth’s internal and external structures and how they change; Earth’s history, living things, and how they change and interact; and genetics, heredity, and the organization of living organisms. **Prerequisites:** Recommended for 7th Grade
Credits: Junior High 0.5

7th Grade Science Semester 2

In this course, students explore the foundations of science, energy, Earth and its features; Earth’s internal and external structures and how they change; Earth’s history, living things, and how they change and interact; and genetics, heredity, and the organization of living organisms. **Prerequisites:** Recommended for 7th Grade
Credits: Junior High 0.5

Honors 7th Grade Science Semester 1

The course introduces new information and reviews some science basics to prepare students for high school science coursework. Topics covered in this course include: the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.
Prerequisites: Recommended for 8th Grade
Credits: Junior High 0.5

Honors 7th Grade Science Semester 2

The course introduces new information and reviews some science basics to prepare students for high school science coursework. Topics covered in this course include: the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.
Prerequisites: Recommended for 8th Grade
Credits: Junior High 0.5

8th Grade Science Semester 1

The course introduces new information and reviews some science basics to prepare students for high school science coursework. Topics covered in this course include: the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.
Prerequisites: Recommended for 8th Grade
Credits: Junior High 0.5

8th Grade Science Semester 2

The course introduces new information and reviews some science basics to prepare students for high school science coursework. Topics covered in this course include: the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.
Prerequisites: Recommended for 8th Grade
Credits: Junior High 0.5

Honors 8th Grade Science (Investigative Science) Semester 1

This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, and chemical bonding and reactions. This course will provide a foundation for the study of the physical sciences.
Credits: Junior High 0.5

Honors 8th Grade Science (Investigative Science) Semester 2

This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, and chemical bonding and reactions. This course will provide a foundation for the study of the physical sciences.
Credits: Junior High 0.5

High School

Investigative Science Semester 1

This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, and chemical bonding and reactions. This course will provide a foundation for the study of the physical sciences.
Credits: 0.5

Investigative Science Semester 2

This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, and chemical bonding and reactions. This course will provide a foundation for the study of the physical sciences.
Credits: 0.5

Biology Semester 1

This course provides an in-depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. Students will be introduced to the structure, function, diversity, and evolution of living organisms.
Credits: 0.5

Biology Semester 2

This course provides an in-depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. Students will be introduced to the structure, function, diversity, and evolution of living organisms.
Credits: 0.5

Honors Biology Semester 1

This course provides an in-depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. Students will be introduced to the structure, function, diversity, and evolution of living organisms. **Prerequisites:** Honors 8th Grade Science, Investigative Science or administrative approval.
Credits: 0.5

Honors Biology Semester 2

This course provides an in-depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. Students will be introduced to the structure, function, diversity, and evolution of living organisms. **Prerequisites:** Honors 8th Grade Science, Investigative Science or administrative approval.
Credits: 0.5

Chemistry Semester 1

This course is designed to serve as a foundation for the study of Chemistry and includes: scientific inquiry, Web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application, and a variety of assessments.
Prerequisites: Algebra I
Credits: 0.5

Chemistry Semester 2

This course is designed to serve as a foundation for the study of Chemistry and includes: scientific inquiry, Web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application, and a variety of assessments.
Prerequisites: Algebra I
Credits: 0.5

Social Studies

Honors Chemistry Semester 1
This course is designed to serve as a foundation for the study of Chemistry and includes: scientific inquiry, Web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application, and a variety of assessments.
Prerequisites: Algebra I
Credits: 0.5

Honors Chemistry Semester 2
This course is designed to serve as a foundation for the study of Chemistry and includes: scientific inquiry, Web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application, and a variety of assessments.
Prerequisites: Algebra I
Credits: 0.5

AP Biology Semester 1
This challenging course is designed to provide a college-level experience. Over two semesters, students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering Biology concepts.
Prerequisites: Biology I, Chemistry I, Algebra I
Credits: 0.5

AP Biology Semester 2
This challenging course is designed to provide a college-level experience. Over two semesters, students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering Biology concepts.
Prerequisites: Biology I, Chemistry I, Algebra I
Credits: 0.5

Junior High

7th Grade Social Studies Semester 1
In this course, students will research the cultural and natural landscapes of the regions they visit. They will then design their own theme park offering a multicultural understanding of our world’s diverse people and places.
Prerequisites: Recommended for 7th Grade
Credits: Junior High 0.5

7th Grade Social Studies Semester 2
In this course, students will research the cultural and natural landscapes of the regions they visit. They will then design their own theme park offering a multicultural understanding of our world’s diverse people and places.
Prerequisites: Recommended for 7th Grade
Credits: Junior High 0.5

8th Grade Social Studies Semester 1
In this course, students will discover that history is full of adventure, colorful characters, and complex plots. Each complex plot will be different, and will highlight an important story from our nation’s past.
Prerequisites: Recommended for 8th Grade
Credits: Junior High 0.5

8th Grade Social Studies Semester 2
In this course, students will discover that history is full of adventure, colorful characters, and complex plots. Each complex plot will be different, and will highlight an important story from our nation’s past.
Prerequisites: Recommended for 8th Grade
Credits: Junior High 0.5

High School

World History/Geography Semester 1
The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.
Credits: 0.5

World History/Geography Semester 2
The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.
Credits: 0.5

Honors World History/Geography Semester 1
The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.
Credits: 0.5

Honors World History/Geography Semester 2
The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.
Credits: 0.5

American/Arizona History Semester 1
Students will look at some of the most profound questions that Americans still debate. They will research many important events throughout the history of America.
Prerequisites: 10th grade status or higher and successful completion of English 9 are recommended.
Credits: 0.5

American/Arizona History Semester 2
Students will look at some of the most profound questions that Americans still debate. They will research many important events throughout the history of America.
Prerequisites: 10th grade status or higher and successful completion of English 9 are recommended.
Credits: 0.5

American Government
Students will take on the role of a Washington, D.C. intern and spend time working throughout the nation’s capital with all three branches of government. They will gain a greater understanding of the country’s beginnings, and how government functions at different levels.
Prerequisites: 11th or 12th grade status and successful completion of English 9 are recommended.
Credits: 0.5

Economics
The purpose of this course is to help students become more informed consumers, producers, investors, and taxpayer. Students are shown how their choices directly affect their future.
Prerequisites: 11th or 12th grade status and successful completion of English 9 and Algebra I are recommended.
Credits: 0.5

- Algebra I
- Honors Algebra I
- Geometry
- Honors Geometry
- Algebra II
- Honors Algebra II
- Pre-Calculus
- AP Calculus AB
- AP Calculus BC
- Biology
- Honors Biology
- Chemistry
- Honors Chemistry
- Investigative Science
- AP Biology
- Spanish I
- Spanish II
- Spanish III
- AP Spanish Language
- English 9
- Honors English 9
- English 10
- Honors English 10
- English 11
- AP English Language Composition
- AP English Literature and Composition
- World History/Geography
- Honors World History
- American/AZ History
- American Government
- Economics
- AP United States Government and Politics