

DENAIR CHARTER ACADEMY



2024-2025

Course Directory

Denair Unified School District

DENAIR CHARTER ACADEMY COURSE DIRECTORY

We hope you find this course directory helpful in selecting your classes. Read it carefully and do not hesitate to contact your teacher, for additional assistance.

All of the courses offered are listed and described in this directory. Listed below is the table of contents. The courses are listed by department. Following each course is the grade level for which the class was designed along with any prerequisites.

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DENAIR CHARTER ACADEMY

MISSION STATEMENT

DUSD Mission

The Denair Unified School District in cooperation and communication with the home and the community recognizes our children as our future and will provide quality education in a safe environment that renders students competent in basic learning, technical, and social skills and will foster work habits, intrinsic values, and character in students that reflect life-long love for learning.

DCA Mission

Denair Charter Academy is based on the belief that each student can succeed and deserves an education that is rigorous and well-defined. Denair Charter Academy provides personalized instruction through individual learning plans so students can receive meaningful, individual attention. The Academy's approach to teaching and learning is to seek and match each student's educational experiences to his or her identified abilities, interests, motivation, learning styles and demonstrated achievement.

EXPECTED SCHOOL-WIDE LEARNING OUTCOMES

Graduates of Denair Charter Academy will be:



Become *Academic Achievers*

- *Demonstrate academic excellence by achieving and exceeding Common Core Standards
- *Use acquired knowledge and skills to be able to prioritize goals, access information, and use time effectively
- *Use academic language to read, write, discuss and problem solve



Become *Complex Thinkers*

- *Know how to learn, think, reason and make decisions
- *Apply problem-solving processes to real-life situations
- *Gather, organize and analyze data to think critically and creatively



Become *Effective Communicators/Citizens*

- *Answer questions and be able to justify responses
- *Actively listen to and try to understand others
- *Demonstrate proficiency in the use of computers and other technological equipment
- *Responsible citizens with an awareness and understanding of cultural diversity
- *Demonstrate honesty and integrity in their work



Become *Self-Directed Learners*

- *Take responsibility for their own education and hold themselves accountable for learning
- *Set and follow through on short and long-term goals and access the resources necessary to achieve set goals
- *Identify academic strengths and career interests to reach their individual potential and highest achievements.

STUDENT EXPECTATIONS

As a student of Denair Charter Academy you are expected to accept responsibility in the following areas:

The Teaching-Learning Process

You deserve the best education that Denair Charter Academy is capable of providing. In order for your teacher to be successful and for you to work and achieve to the best of your abilities, you must cooperate fully.

Respect for the Rights of Others

Every right you have has attached to it an obligation. Your rights must be balanced against the rights of others, and their rights must be balanced against yours. It is our belief that teachers have the right to teach and that students have the right to learn. Those who want to take full advantage of the rights and opportunities available to them at Denair Charter Academy will receive our full support and help in their endeavors.

Responsibility for Your Own Actions

Denair Charter Academy offers each student the opportunity to be rewarded and acknowledged for his or her achievements. In conjunction with this philosophy, each student will be held responsible for his or her actions. What others do or do not do is of little importance in determining whether or not you have accepted your responsibility. The decisions you make and the responsibility for the consequences of those decisions are yours. We hope that your first decision is to take full advantage of the opportunities available to you.

REQUIREMENTS FOR GRADUATION

Students will complete the following course of study in order to receive a diploma of graduation from Denair Charter Academy.

<u>Required Subjects</u>	<u>Credits</u>
English	40
Freshman Courses	
Computer Science - class of 2025, 2026, 2027 or	5
21st Century Skills - class of 2028	5
Health	5
Fine Arts	10
Math	30
(To include 1 year of Algebra)	
Physical Education	20
Science	
Physical Science	10
Life Science	10
Social Science	
World History	10
US History	10
Economics	5
Civics	5
Non-Departmental	
Careers	10
<hr/>	
Required Courses	170
Electives	60
<hr/>	
Total Credits Required for Graduation	<u>230</u>

CREDIT SYSTEM

Five credits are awarded for each passed class. In order to pass a class a student must earn a grade of “D” or better. A grade of “F” receives no credit. Students are required to enroll in at least six classes each semester, except seniors who have enough credits may register for five classes. There are two semesters per school year. A student who passes every class each semester (30 credits x 2) earns sixty credits per year. During four years a student may earn two hundred forty credits. Two hundred thirty credits are required to graduate.

Denair Charter Academy

GENERAL PATHWAY**

2025-2027

Course	9 th	10 th	11 th	12 th
1	English 9	English 10	English 11	English 12
2	Algebra 1	Geometry	Algebra 2	Elective
3	Biology	Physical Science	Science	Elective
4	Computer Sci/ Health	World History	US History	Economics/Civics
5	PE	PE	Careers	Elective
6	Fine Arts	Elective	Elective	Elective
7	(with permission)	(with permission)	(with permission)	(with permission)

**The pathway is a general plan for completing four years of high school coursework. A student's individual needs will be considered when developing their course schedule.

Denair Charter Academy

GENERAL PATHWAY**

2028 and beyond

Course	9 th	10 th	11 th	12 th
1	English 9	English 10	English 11	English 12
2	Algebra 1	Geometry	Algebra 2	Elective
3	Biology	Physical Science	Science	Elective
4	21st Cent Skills/ Health	World History	US History	Economics/Civics
5	PE	PE	Careers	Elective
6	Fine Arts	Elective	Elective	Elective
7	(with permission)	(with permission)	(with permission)	(with permission)

**The pathway is a general plan for completing four years of high school coursework. A student's individual needs will be considered when developing their course schedule.

Denair Charter Academy

A-G Pathway

During the 2024-25 school year, Denair Charter Academy is continuing to build its A-G course list. Many 11th - 12th grade courses are offered at this time. For classes that are not yet A-G approved, students can take College Prep Cyber High courses or Denair High School courses that will help them meet A-G requirements.

Students should consult the academic counselor to discuss A-G requirements and their own eligibility based on credits already earned.

COLLEGE ENTRANCE REQUIREMENTS

<u>Class</u>	<u>UC</u>	<u>CSU</u>
English	4 yrs	4 yrs
Math**	3 yrs (4)*	3 yrs
US History/Government	1 yr	1 yr
World History	1 yr	1 yr
Lab Science**	2 yrs (3)*	2 yrs
Foreign Language***	2 yrs (3)*	2 yrs
College Elective	1 yr	1 yr
Visual/Performing Arts	1 yr	1 yr

All courses for college entrance requirements must be passed with a grade of C or better.

* UC recommends extra year

** One year of a life lab science and one year of a physical lab science is required for college

*** Must be at least 2 years of the same foreign language

UC - University of California

CSU - California State University

Denair Charter Academy
COURSE OFFERINGS LIST
9th-12th Grade
2024-2025

English (4 yrs required)					
Crse #	Course	Gr	s/yr	A-G	Onsite
ENG501	English 9	9	yr		
ENG502	English 10	10	yr		
ENG503	English 11	11	yr		
ENG103	English 11 P	11	yr	b	
ENG504	English 12	12	yr		
ENG104	English 12 P	12	yr	b	
ENG505	Ind. Reading	any	s/yr		
<i>online</i>	<i>CH.Eng 1A/B</i>	9	yr	b	
<i>online</i>	<i>CH.Eng 2A/B</i>	10	yr	b	
<i>online</i>	<i>CH.Eng 3A/B</i>	11	yr	b	
<i>online</i>	<i>CH.Eng 4A/B</i>	12	yr	b	
Math (3 yrs required including Algebra)					
Crse #	Course	Gr	s/yr	A-G	Onsite
MAT501	Alg. Ess.	9	yr		
MAT502	Algebra I	9, 10	yr		x
MAT504	Geometry	10,11	yr		x
MAT506	Algebra II	11,12	yr		x
MAT507	Algebra II P	11,12	yr	c	
MAT508	Int. Math	11,12	yr		
MAT509	Cons. Math	11,12	yr		
<i>online</i>	<i>CH.Alg I P</i>	9, 10	yr	c	
<i>online</i>	<i>CH.Alg II P</i>	11,12	yr	c	
<i>online</i>	<i>CH.Geom P</i>	10,11	yr	c	
<i>online</i>	<i>CH.IntMath1</i>	any	9	c	
<i>online</i>	<i>CH.IntMath2</i>	any	10	c	
<i>online</i>	<i>CH.IntMath3</i>	any	11	c	
Science (1 life science & 1 phys science required)					
Crse #	Course	Gr	s/yr	A-G	Onsite
SCI502	Biology	9-10	yr		x
SCI101	Biology P	9-10		d	

SCI504	Physical Sci	9-10	yr		x
SCI503	Enviro Sci	any	yr		
SCI506	Astronomy	any	s/yr		
SCI508	WildlifeForestry	any	yr		
<i>online</i>	<i>CH.Int Sci</i>	9	yr		
<i>online</i>	<i>CH.Phys Sci</i>	9	yr		
<i>online</i>	<i>CH.Bio A/B</i>	10	yr		
<i>online</i>	<i>CH.Env Sci</i>	11	yr		
<i>online</i>	<i>CH.Int Sci</i>	9	yr		
History/Soc Science (Wrld, US & Econ/Civ required)					
Crse #	Course	Gr	s/yr	A-G	Onsite
HIS501	World History	10	yr		x
HIS502	US History	11	yr		x
HIS102	US History P	11	yr	a	
HIS503	Civics	12	sem		x
HIS104	Civics P	12	sem	g	
HIS504	Econ	12	sem		
HIS103	Econ P	12	sem	g	
HIS506	Geography	any	sem		
PSY501	Psych	11,12	yr		x
PSY502	Psych P	11,12	yr	g	
HIS505	Hist Am Sport	10- 12	yr		
HIS508	Hist Am Sport P	10-12	yr	g	
HIS508	History of Mexico	10-12	yr		
60927	<i>CH.World His</i>	10	yr	a	
60927	<i>CH.World His</i>	10	yr	a	
600906	<i>CH.US His</i>	11	yr	a	
60902	<i>CH.Econ</i>	12	sem	a	
60909	<i>CH.Am Gov</i>	12	sem	a	

Foreign Language (Elective only)					
Crse #	Course	Gr	s/yr	A-G	Onsite

SPA501	Spanish 1	any	yr		x
SPA101	Spanish 1 P	10,11	yr	e	
SPA502	Spanish 2	any	yr		x
SPA102	Spanish 2 P	11,12	yr	e	
online	CH.AmSnLg1	10,11	yr	e	
online	CH.AmSnLg2	11,12	yr	e	
Fine Arts (1 yr required)					
Crse #	Course	Gr	s/yr	A-G	Onsite ART51 4
ART503	Art I	any	yr		
ART504	Art II	any	yr		
ART505	Art III (Advanced)	any	yr		
ART507	Ceramics I	10-12	yr		x
ART508	Ceramics II	11-12	yr		x
ART514	Ceramics III	12	yr		x
ART502	Digital Art	any	yr	f	x
ART510	Floral 1	10-12	yr		x
ART512	Art History	any	yr		
ART513	Music Apprec	any	yr		
60930	CH.Art Hist A	any	yr	f	
60931	CH.Art Hist B	any	yr	f	
Freshman Classes					
Crse #	Course	Gr	s/yr	A-G	Onsite
HEA502	Health	9	sem		
STA501	21st Century Skills	9	sem		
PE (2 yrs required with waiver)					
Crse #	Course	Gr	s/yr	A-G	Onsite
PHY101	PE	9	yr		
PHY102	PE II	10	yr		
PHY103	PE III	11	yr		
PHY104	PE IV	12	yr		
Electives (Cmp Lit, Health, & Careers req)					
Crse #	Course	Gr	s/yr	A-G	Onsite
CRI101	Admn Just	any	yr		x

AUT501	Auto Tech	any	yr		
BUS501	Business Intro	any	yr		
CAR501	Careers	any	yr		x
CHI501	Child Dev	any	yr		x
COM501	Comp Science	any	yr		x
CUL501	Culinary	any	yr		
ETI501	Etiquette	any	yr		
FAS501	Fashion Fabric	any	yr		
HOU501	HouseConcept	any	yr		
LIV501	Ind. Living	any	yr		
SEN501	Sr Seminar	12	yr		x
STU501	Study Skills	any	yr		
TEA501	Teacher's Aide	any	yr		
BUS502	Typing	any	yr		
WOR501	Work Experience	any	yr		x
60500	CH.You&News	any	sem	g	
60264	CH.CareerEx	any	sem	g	
60908	CH.ChoicesLife	any	sem	g	
60928	CH.Health Ed	any	sem	g	
60902	CH.Eco.Dec.Maki	any	sem	g	
60245	CH.EthnicSt	any	sem	g	
60929	CH.Sociology	any	sem	g	
60901	CH.Am Lit	any	yr	g	
60273	CH.Writ.Cmp	any	sem	g	
60229	CH.LearningInfoAge	any	sem	g	

Clubs/Enrichment

ELD
Open Gym
ROX
Love in Action
Girl's Group
PHAST
jvPHAST

COURSE DESCRIPTIONS

Printed below are descriptions of courses offered at Denair Charter Academy. Students should carefully read the description of a course they plan to select, noting grade level, prerequisites and any cost that might be involved. Students having questions regarding a particular class should see their teacher or counselor.

BUSINESS

BUS501 - **INTRODUCTION TO BUSINESS** (9-12) One/Two Semesters/ 5-10 credits
Graduation: Elective credit only

This course is an introductory course covering various careers and components of the business world including information processing, accounting, management, marketing, banking, business law, finance, and real estate. Projects and simulations are used throughout the course.

BUS502 - **TYPING AND KEYBOARDING** (9-12) One/Two Semesters/ 5-10 credits
Graduation: Elective credit only

This course will allow students to master the “touch” operation of keyboard characters using correct keyboarding technique. The student will demonstrate proficiency in the use of the computer and will complete proofreading, editing, and formatting activities in preparation for application work. The student will apply his/her skill through word processing, spreadsheet, and presentation projects.

WOR503 - **WORK EXPERIENCE** (11-12) One/Two Semesters/ 5-10 credits (**on-site class**)

Prerequisite: Students must have a paid position covered by workman’s compensation and attend a one-hour weekly class at Denair Charter Academy.

Graduation: Elective credit only

This course focuses on teaching skills necessary for job success and fulfillment. Students are employed and paid a standard wage at the job site. Students must attend a weekly instructional meeting. Regular job site visitations and supervision by the Work Experience Coordinator is part of this course.

CONSUMER FAMILY STUDIES

CON501 - **CHILD DEVELOPMENT** (9-12) One Year/10 credits

Graduation: Elective credit only

This course teaches skills needed for personal living and for transfer to jobs and careers in the field of education. Areas of study include parenting skills, prenatal development from conception to birth, child growth and development, guidance and discipline, health and safety, child abuse and neglect, and the value of play in a child's development.

CON502 - **ETIQUETTE** (9-12) Two Semesters/ 10 credits

Graduation: Elective credit only

Students will learn about pose and confidence, table manners, social skills, voice and conversation, home etiquette, dining and restaurant etiquette, shyness, personal grooming, image makers and breakers, and manners at home and in public. The optional materials, common sense, are lessons that are designed to empower students to think critically, behave safely and participate responsibly in our digital world.

CON503 - **FASHION & FABRICS** (9-12) One/Two Semesters/ 5-10 credits

Graduation: Elective credit only

Fashion and Fabrics introduces students to historical influences on costume, wardrobe planning and analysis, fibers, yarns and fabric construction, budgeting and shopping and clothing construction. Emphasis will be placed on the basic skills necessary to complete various sewing projects.

CON504 - **INDEPENDENT LIVING** (9-12) One Year/10 credits

Graduation: Elective credit only

This course offers basic independent living skills to prepare students for the job market and for living on their own. Topics include clarification of values and goals, introduction to banking and establishing credit, owning your first car, apartment living, food buying and preparation, nutrition, the impact of advertising on consumers, and caring for clothing. The course will also emphasize learning skills necessary for positive family relations and will introduce students to the value of positive parenting skills.

ENGLISH

ENG501 - **ENGLISH 9** (9) One Year/ 10 credits

Graduation: Fulfills the first year of the four-year English requirement

This course is designed to develop effective skills in reading, writing, speaking, listening and critical thinking. Emphasis will be placed on literature. Writing skills will stress critical thinking relative to the literature that will include novels, short stories, poetry and plays. Vocabulary, spelling, grammar and usage will be ongoing throughout the year.

ENG502 - **ENGLISH 10** (10) One Year/ 10 credits

Graduation: Fulfills the second year of the four-year English requirement

This course is designed to prepare students to master the reading standards by helping them build skills in reading comprehension, literary response and analysis, and vocabulary development. Each chapter offers culturally and historically significant literary works and a variety of high-interest informational pieces directly related to the literacy selection. Students will acquire the building blocks of language: words, phrases, clauses and the knowledge of correct capitalization, punctuation and spelling. Students will evaluate a variety of oral and media communications as well as focus on a different kind of presentation, such as narration, exposition, persuasion, research and response to literature.

ENG503 - **ENGLISH 11** (11) One Year/ 10 credits

Graduation: Fulfills the third year of the four-year English requirement

English 11 is designed to allow students to read and respond orally and in writing to a variety of literature. Emphasis is placed on understanding and interpreting material through the writing process. Most of the standards are extensions of the knowledge and skills previously targeted in the earlier grades. They highlight interrelationships among the different domains of language arts: reading, writing, speaking, language conventions as well as use of technology and career readiness.

ENG103 - **ENGLISH 11 P** (11) One Year

Prerequisite: Completion of English 9, 10 and instructor approval

Graduation: Fulfills one year of the UC/CSU "B" requirement

This course, English 11 college preparatory stresses the advancement of reading and writing skills by the careful and exact evaluation of fiction and non-fiction literature as well as informational reading. The course will also include historical developments and their influences, directly or indirectly, upon English Literature. The genres-novel, poetry,, short story, essay and drama will be used as vehicles for the study of English Literature and analysis through critical writing, informational reading will be examined throughout the course as well as opportunities for writing will be embedded throughout each unit.

ENG504 - **ENGLISH 12** (12) One Year/10 credits

Graduation: Fulfills the fourth year of the four-year English requirement

This course, British Literature, will cover the development of English Literature from the Anglo-Saxon era to the Twentieth Century. The course will also include historical developments and their influences, directly or indirectly, upon English Literature. The genres-novel, poetry, the short story, the essay and drama will be used as vehicles for the study of English Literature and analysis through critical writing. Informational reading will be examined throughout the course as well as opportunities for writing will be embedded throughout each unit.

ENG104 - **ENGLISH 12 P** (12) One Year/10 credits

Prerequisite: Completion of English 9 10, 11 and instructor approval

Graduation: Fulfills one year of the UC/CSU "B" English requirement

This course, English 12 college preparatory stresses the advancement of reading and writing skills by the careful and exact evaluation of fiction and non-fiction literature as well as informational reading. The course will also include historical developments and their influences, directly or indirectly, upon English Literature. The genres-novel, poetry, the short story, the essay and drama will be used as vehicles for the study of English Literature and analysis through critical writing. Informational reading will be examined throughout the course as well as opportunities for writing will be embedded throughout each unit.

ENG505 - **INDEPENDENT READING** (9-12) One/Two Semesters/ 5-10 credits

Graduation: Elective credit only

This course is designed to improve the reading skills of students through exposure to a variety of reading materials. Students select from a wide range of informational and narrative texts at the appropriate Lexile reading level, drawing inferences, synthesizing information, making generalizations, and supporting those with textual evidence. Teacher-guided independent reading provides ample opportunities for students to practice reading skills to develop fluency.

FINE ARTS

ART503 - **ART I: Drawing** (9-12) One Year/10 credits
Graduation: Fulfills the Fine Arts requirement

This drawing course is designed to introduce beginning art students to the fundamentals of drawing. Students will be challenged to try a broad variety of styles ranging from photo-realism to graphic cartoon. Students will focus on learning the basic elements of art, focusing heavily on correct proportion, using basic shapes as building blocks to more complex figures, line variation, and shading. This easy and enjoyable course will walk you through each drawing step by step to ensure your success.

ART504 - **ART II: Drawing** (10-12) One Year/10 credits
Graduation: Fulfills the Fine Arts requirement

This drawing course is designed to build on a student's prior art experience and improve their use of texture and color to create finished pieces. Students will be challenged to try a broad variety of styles ranging from photo-realism to graphic cartoon. Students will focus on mastering basic elements of art such as texture, color, proportion, shape, value, and line in order to make visually appealing drawings with a polished look and feel. Students will learn techniques to represent the world around them by researching visual resources and experimenting creatively.

ART505 - **ART III: Advanced Art** (10-12) One Year/10 credits

Art III (Advanced Art) is designed to lead students through the history of art while further developing their artistic skills and freedom of expression. Students will have more sophisticated experiences in art production, art criticism and aesthetics as they study art movements from Egyptian times to the modern age. The students will be encouraged to analyze, discern, compare and contrast the various historical and political periods, how culture shaped the aesthetics of the time, and how art has influenced society over the years. Students will be expected to independently take creative control of their projects, making executive creative decisions resulting in skillful, polished works.

ART512 - **ART HISTORY** (9-12) One/Two Semesters/5-10 credits
Graduation: Fulfills up to one year of the fine art requirement

Art History is designed to lead a student through history via the various art movements and trends seen in painting, sculpture and architecture. Students will be encouraged to analyze, discern, compare and contrast different historical aesthetics, as well as the cultural and political movements which shaped them. Students will examine how art and society have influenced each other through the span of human history and study the key figures who pushed artistic innovation through the ages.

ART513 - **MUSIC APPRECIATION** (9-12)
Graduation: Elective

This course is for students who love music and want to know more about its rich history in our country. The curriculum follows the chronological path of American pop music, from the turn of the century Ragtime to the debut of American Idol. Each week features an article about a groundbreaking musician or movement, songs to listen to, and relevant historical photos, with assessment questions to follow. Students will be immersed in the life, the vision, and the sound of our country's musical past!

ART507 - CERAMICS 1 (10-12) One Semester/5 credits (on-site class)

Prerequisite: Permission of course instructor

Graduation: Fulfills one semester of the fine art requirement

This course explores a variety of techniques in clay construction, glazing and surface decoration. Students apply the Elements of Art and Principles of Design using the medium of clay. This course is aligned with the California Visual Art Standards.

ART508 - CERAMICS 2 (11-12) One Semester/5 credits (on-site class)

Prerequisite: Permission of course instructor

Graduation: Fulfills one semester of the fine art credit

This course builds on foundational skills gained in Ceramics 1. A variety of techniques in clay construction, glazing and surface decoration are used. Students apply the Elements of Art and Principles of Design using the medium of clay.

ART514 - CERAMICS 3 (12)

ART502 - DIGITAL ART (9-12) One/Two Semesters/5-10 credits (on-site class available)

Graduation: Fulfills up to one year of the fine art requirement

Digital Art combines traditional graphic arts, digital photography, and post production processes. Using photo and paint software and a variety of support materials, this class allows students to develop commercially applicable skills, while increasing their knowledge and awareness of composition, art history, and the elements of design. This class focuses on production of potentially marketable photos and digital paintings.

ART510 - FLORAL DESIGN 1 (9-12) One Year/10 credits (on-site class)

Graduation: Elective credit only.

Students will be introduced to beginning floral design including theory, techniques and skills practiced in floral shops. Construction of floral products and the transplanting, seeding and propagation of ornamental plants and flowers are also areas of "hands-on" activities.

ART511 - ADV. FLORAL DESIGN (9-12) One Year/10 credits (on-site class)

Floral Design 2 is a course designed to give students a deeper understanding of the artistic floral design techniques and the floral design industry. Students will identify

flowers and plants used in floral design, and demonstrate design elements in relation to specific occasions.

ART509 - PHOTO/YEARBOOK (9-12) One/Two Sem/5-10 credits (on-site class)

Graduation: Elective credit only

In this course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copywriting, editing and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

ART501 - ROCK & ROLL BAND (9-12) One Year/10 credits (on-site class)

Graduation: Elective Credit Only

This course is designed for students to examine American popular music through the twentieth century. Specific focus will be on how the political, cultural, and economic factors in American history helped to influence the lyrics and music development in that particular time period as well as its use as a form of expression/protest. Students will better understand the development of music, using American history as the context, such as the various genres, composition techniques, instrument use, and be able to describe its characteristics musically.

FRESHMAN MINIS

COM501 - **COMPUTER LITERACY** (9-12) One Semester/ 5 credits (**on-site class available**)

Graduation: Fulfills ½ of the one-year Freshman Minis course requirement

In this computer literacy class students will be introduced to the basic operations and concepts of technology. They will demonstrate proficiency in the use of the computer as a tool for productivity, communication, and research. Through projects and simulations, students will apply the computer-based skills that they acquire to solve real-life problems and demonstrate an understanding of key social and ethical concepts related to technology.

HEA501 - **HEALTH** (9-12) One Semester/ 5 credits

Graduation: Fulfills ½ of the one-year Freshman Minis course requirement

Health is a required course addressing federal and state mandates and frameworks. Students will learn about personal health, communicable and non-communicable disease, nutrition, emotional and mental health, substance use and abuse, individual growth and development, reproductive health, consumer and community health, environmental health and personal and social safety.

FOREIGN LANGUAGE

SPA501 - **SPANISH 1** (9-12) One Year/ 10 credits (**on-site class**)

Graduation: Elective credit only

Spanish 1 introduces students to the four basic language skills: listening, comprehension, speaking, reading, and writing, within a cultural context. Spanish for communication is the emphasis of the course. Listening activities, situational conversations, and other directed oral activities will provide proactive reinforcement. There will be written assignments and homework. The development of vocabulary is essential for success in the course.

SPA101- **SPANISH 1 P** (9-12) One Year/ 10 credits (**on-site class**)

Graduation: Fulfills one year of the UC “E” Foreign Language Requirement

Spanish 1 is an introductory course studying language and culture from Spanish-speaking countries. This course is designed to teach language at the beginning level. In this course learners will be introduced to the four essential language skills: speaking, writing, reading, and listening. In addition to studying the culture of various Spanish-speaking countries, learners will also learn greetings, verb conjugations, basic vocabulary, pronunciation, and grammatical structures. They will learn to communicate in the target language using topics of family and friends, foods, traveling, sports and shopping in the present and past actions.

SPA502 - **SPANISH 2** (9-12) One Year/10 credits (**on-site class**)

Graduation: Elective credit only

Spanish 2 continues to build on the communication skills learned in Spanish 1. The student continues to develop vocabulary skills and uses increasingly complex language structures in listening, speaking, reading, and writing activities. The exploration of the cultures and history of Spanish-speaking countries continues.

SPA102- **SPANISH 2 P** (9-12) One Year/ 10 credits (**on-site class**)

Graduation: Fulfills a second year of the UC “E” Foreign Language Requirement

Designed for college-preparatory students. These courses will continue the development of skills introduced in Spanish 1 with expansions of vocabulary and continued emphasis on speaking the language. An awareness of grammar is developed through extensive practice. Reading for comprehension is stressed. Students also acquire more knowledge of the countries where these languages are spoken and their cultures. Students will express their own meaning and stances in the target language, working on speaking and listening in a variety of interpersonal contexts.

MATHEMATICS

MAT501 - **ALGEBRA ESSENTIALS** (9) One Year/ 10 credits

Prerequisite: Eligibility determined by student's score on math placement test

Graduation: Fulfills one year of the math requirement

By the end of Algebra Essentials will be able to manipulate numbers and equations and understand and use factoring of numerators and denominators and properties of exponents. Students will have a clear understanding of ratios and proportions as well as percent and decimals, and the relationship between them. Students will be able to use and understand basic examples of the Pythagorean theorem to find the missing side in a right triangle. Students will be able to compute the volume and surface area of cylinders, prisms and spheres.

MAT502 - **ALGEBRA I** (9-12) One Year/ 10 credits **(on-site class available)**

Graduation: Fulfills the one-year Algebra requirement

The key content for Algebra I involves understanding, writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns, factoring, completing the square, using graphs, or applying the quadratic formula to solve quadratic equations. Students will also become proficient with operations on monomial and polynomial expressions.

MAT506 - **ALGEBRA II** (10-12) One Year/ 10 credits **(on-site class available)**

Prerequisite: Minimum grades of C in Algebra 1

Graduation: Fulfills one year of the math requirement

This course covers a review of basic algebra, linear equations, systems of linear equations, equations and inequalities, matrices, determinants, quadratic equations and parabolas, functions, powers, roots, radicals, exponential functions, rational functions, quadratic relations sequences, series, probability and statistics, and if possible, trigonometric ratios.

MAT507 - **ALGEBRA II P** (10-12) One Year/ 10 credits **(on-site class available)**

Prerequisite: Minimum grades of C in Algebra 1

Graduation: Fulfills one year of the UC "C" Math Requirement

In this course, students expand understanding of expressions including rewriting, interpreting and examining rational, radical, polynomial expressions and deriving the formula of the sums of finite geometric series. Students continue expanding their knowledge of rational, polynomial, radical, exponential and logarithmic functions; they learn to represent functions algebraically, graphically, in numerical tables and by verbal descriptions.

MAT509 - **CONSUMER MATH** (11-12) One Year/10 credits This course covers basic skills and concepts the student will use outside the classroom. Skills covered are not limited to counting calories, using math in sports (bowling), adjusting recipes, fractions in the home, spending money, traveling, baseball statistics, using percent, working with interest, insurance and lawn care.

MAT504 - **GEOMETRY** (9-12) One Year/ 10 credits **(on-site class available)**

Prerequisite: A grade of C or better in Algebra 1

Graduation: Fulfills one year of the math requirement

The course focuses on development of geometric skills and concepts and the ability to construct proofs in a geometric setting. The course weighs heavily on plane or Euclidean Geometry; however, there is time for placing special emphasis on coordinate geometry and its transformations.

MAT508 - **INTEGRATED MATH I** (11-12) One Year/ 10 credits

Graduation: Graduation: Fulfills one year of the UC "C" Math Requirement

This course combines algebraic, geometric, and statistical techniques necessary to strengthen students' conceptual understanding of mathematical reasoning and problem solving. The curriculum is based on the CA Common Core Standards for Mathematics in the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics & Probability. The pedagogical approach will incorporate lecture, discovery, and investigative exercises utilizing a student worktext, personalized online support, and supplemental materials. The goal of the course is to build a strong algebraic foundation for all higher level mathematics courses.

NON-DEPARTMENTAL

CAR501 - **CAREERS** (11-12) One Year/ 10 credits (**on-site class available**)

Graduation: Fulfills the one year Careers course requirement

Students will explore their aptitude/interest for various careers. Students will research the education/training necessary for various careers. Students will develop skills in becoming marketable to employers, understanding the economic process, decision making and planning. Students will be able to observe individuals in various careers through reading, interviews, guest speakers and/or field trip opportunities. Resume development and career-related testing are also a part of this class. There is a required lab component to this class.

SEN501 - **SENIOR SEMINAR** (12) One Semester 5 credits (**on-site class available**)

Graduation: Elective credit only.

In Senior Seminar, we will complete college applications, complete financial aid applications, attend college field trips, listen to guest speakers, complete interest inventories, practice filling out a resume and practice job interviewing skills to assist students and families in making decisions about the best post-secondary option for each individual student.

STU501 - **STUDY SKILLS** (10-12) One Semester/ 5 credits

Graduation: Elective credit only.

Students will learn note-taking skills, organizational skills, reading for information skills, and will develop strategies for being responsible. The development of these skills will help prepare each student for success.

TEA501 - **TEACHERS AIDE** (10-12) One Semester/ 5 credits

Prerequisite: Minimum GPA 3.0, consistent attendance and successful progress towards graduation. Must attend school additional days per week.

Graduation: Elective credit only

This is a "Pass/Fail" course.

This one-semester course is designed for mature students who can assume responsibility, provide leadership, and work independently. Students work under the supervision of the office and/or teacher performing clerical and non-teaching duties.

PHYSICAL EDUCATION

PHY101, PHY102, PHY 103, PHY104 - **PHYSICAL EDUCATION I, II, III, IV** (9-12)
Two Years/ 20 credits if student passes physical performance test in grade 9 or
Four Years/40 credits without PE exemption requirement (Ed Code section 51241)

Graduation: This course should be taken freshman year and at least one additional year to meet the two-year physical education graduation requirement.

Physical Education is designed to meet the goals and objectives of the California State Framework for Physical Education. Curriculum will include instruction on the components of fitness, basic principles of training, nutrition, and lifelong wellness. Students will be exposed to a wide variety of activities including team sports, dance, tumbling, aquatics, and personal fitness. These activities provide the forum for personal development, motor skill development and social development. Upon meeting the graduation requirement of two years of PE courses and passing the physical performance test, students may take an additional two years of PE as elective courses (Ed code section 51222).

SCIENCE

SCI507 - **ANIMAL SCIENCE** (9-12) One Semester/5 credits

Graduation: Elective credit only

This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. Skills in biology, chemistry, and algebra are reinforced in this course.

SCI506 - **ASTRONOMY** (9-12) One Year/ 10 credits

Graduation: Elective credit only

This course introduces you to the composition and structure of the universe. Astronomy is the scientific study of the contents of the entire Universe. This course will provide the student with a study of the universe and the conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star, and stars.

SCI502 - **BIOLOGY** (9-10) One Year/ 10 credits (**on-site class available**)

Graduation: Fulfills the one-year life science requirement

This course is designed as an introductory course in living systems for high school students. Major areas of study include the cellular nature of living organisms, genetics, ecology, evolution and the structure and function of living things.

SCI101 - **BIOLOGY P** (9-10) One Year/10 credits

Graduation: Fulfills one year of the UC/CSU "D" requirement

Major emphasis in this course centers on microscope usage, historical biology, life characteristics, the chemical basis of life to include organic compounds, cell structure and function, cellular energy, including photosynthesis, glycolysis, respiration, and fermentation as well as cellular division and growth. Additional topics will deal with nucleic acids and protein synthesis (DNA and RNA), genetics, human heredity and organic variation.

SCI501 - **EARTH SCIENCE** (9-10) One Year/10 credits (**on-site class available**)

Graduation: Fulfills the one-year physical science requirement

Earth Science is designed as a first year science course introducing students to the history and structure of the Earth. Described by NASA as "Earth System Science," this course will explore the Solid Earth (tectonics, magnetism, and geologic history), and the Fluid and Biologic Earth (water cycle and climate, radiation, ocean currents, biogeochemical cycles, and ecosystems/biomes). Throughout the course students will consider the unique qualities of planets of the solar system.

SCI503 - **ENVIRONMENTAL SCIENCE** (any) One Year/ 10 credits

Graduation: Fulfills the one-year physical science requirement

Environmental Science is a course designed for students who express interest in agriculture, science, and biotechnology. Agricultural Science is an ever changing progressive field of study. Agriculture and the Environment are codependent and are becoming more important with the continual public concern over water and air quality. This course is designed to give an understanding and an appreciation for our role in sustaining the environment that we live in.

SCI504 - **PHYSICAL SCIENCE** (9-10) One Year/ 10 credits

Graduation: Fulfills the one-year physical science requirement

This course is designed to serve as a solid foundation for the study of the physical sciences. Topics to be investigated are phases of matter, force and motion, work, simple machines, conservation and transformation of energy, heat, waves, sound, light, electricity and magnetism. The role of the student in this course is to develop inquiry and problem solving skills within the context of scientific investigation. Students will apply what they learn to everyday situations by conducting investigations and formulating and testing their own hypotheses.

SCI508 - **WILDLIFE FORESTRY** (any) One Semester/ 5 credits

Graduation: Elective credit only.

This course presents the complex topic of wildlife, fisheries, and natural resource management. As our human population continues to grow, the pressure on our natural resources will increase. It is therefore imperative that students develop an understanding and appreciation of our fish, wildlife, and other natural resources. It will be their responsibility to conserve and preserve them for future generations.

SOCIAL SCIENCE

HIS503 - **CIVICS** (12) One Semester/ 5 credits (**on-site class available**)

Graduation: Fulfills one semester of the twelfth grade social science requirement

Students compare systems of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state and local governments, with particular attention paid to important historical documents such as *The Federalist Papers*. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities and assume the responsibilities of citizenship.

HIS104 - **CIVICS P** (12) One Semester/ 5 credits (**on-site class available**)

Graduation: Fulfills one semester of the UC "A" social science requirement

Students pursue a deeper understanding of the institutions of American Government. They compare systems of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state and local governments, with particular attention paid to important historical documents such as the Federalist. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities and assume the responsibilities of citizenship.

HIS504 - **ECONOMICS** (12) One Semester/ 5 credits (**on-site class available**)

Graduation: Fulfills one semester of the UC "A" social science requirement

Students will study fundamental economic concepts, applying the tools (graphs, statistics, and equations) from other subject areas to the understanding of operations and institutions of economic systems. Studies in an historic context are the basic economic principles of micro- and macroeconomics, international economics, comparative economic systems, measurement, and methods. (This is a one-semester course that alternates with Civics).

HIS103 - **ECONOMICS P** (12) One Semester/5 credits (**on-site class available**)

Graduation: Fulfills one semester of the twelfth grade social science requirement

This course introduces students to fundamental economic concepts, institutions, and systems. Its purpose is to develop among students a way of thinking and problem solving that can be used in their lives as consumers, savers, members of the workforce, responsible citizens, and effective participants in the global economy. This course will emphasize current events, projects and debates in order to illustrate how economic principles are applied in the real world and used to inform public policy, political ideology and personal choices.

HIS506 - **GEOGRAPHY** (9-12) One Semester/ 5 credits
Graduation: Elective Credit Only

World Geography includes the study of the physical and human characteristics of the Earth, the study of the various world regions, the interaction between humans and the physical environment, the use of maps and other technologies to access geographic knowledge, the study of various cultures and the characteristics, distribution, and movement of people.

PSY501 - **PSYCHOLOGY** (11-12) One Year/10 credits (**on-site class available**)
Graduation: Elective Credit Only

This course focuses on the study of human behavior. As an introduction to the field of psychology, this course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications. Special topics include personality development, problem-solving, group dynamics, and motivation.

PSY502 - **PSYCHOLOGY P** (11-12) One Year/10 credits (**on-site class available**)
Graduation: Fulfills one year of the UC "G" college elective requirement

This course is designed to introduce students to the biological and theoretical foundations of psychology. The course will encourage students to develop analytical skills, conduct research, investigate the mind-body connection, analyze concepts of consciousness, evaluate theories of personality, develop an understanding of psychological disorders, evaluate the role and effectiveness of treatments and analyze theories of intelligence. Students will be expected to demonstrate their understanding of psychology through various projects, discussions and assignments.

50174 - **US HISTORY** (11) One Year/ 10 credits (**on-site class available**)
Graduation: Fulfills the 11th grade social science requirement

Students study the major turning points in American history in the 20th century. They trace the change in the ethnic composition of American society; the movement towards equal rights for racial minorities and women; and the role of the United States as a major world power. Students consider the major social problems of our time and trace their causes in historical events. Students understand that our rights under the U.S. Constitution, comprise a precious inheritance that depends on an educated citizenry for their preservation and protection.

PSY505 - **US HISTORY OF SPORTS** (10-12) One Year/10 credits
Graduation: Elective Credit Only

Throughout our country's history, sports have played a role in politics, economics and culture. Students will learn about how the sports they love to play and watch contributed to the events of U.S. History.

50119 - **WORLD HISTORY** (9-10) One Year/ 10 credits (**on-site class available**)

Graduation: Fulfills the 10th grade social science requirement

Students study major turning points that shaped the modern world, from the late 18th century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.

SUPPORT FOR STUDENT SUCCESS

RTI INTERVENTION MATH or ELA (9-12)

Graduation: Fulfills elective credit

NWEA testing/iReady Graduation Requirement: Elective Meet A-G: No RTI is a framework for promoting access to high-quality core instruction and providing increasingly intensive educational interventions in a timely manner for students who struggle in core instruction. Interventions are commensurate to a student's demonstrated need and are changed or intensified if they are found ineffective. Students are screened using NWEA testing scores through 2022-2023 school year and will move to the iReady assessment to identify those in need of more intensive instruction, provided in the form of intervention.

TRADE/ TECHNOLOGY

CRI101 - **ADMINISTRATION OF JUSTICE** (9-12) Two Semesters/10 credits (**on-site class at DHS**)

Graduation: Elective credit only

Exploration of the history and philosophy of the administration of the justice system in America including the intricate workings of the police, the courts and corrections systems. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, punishment, components of the system and the current challenges to the system. Students are introduced to the origins and development of criminal law, legal process and sentencing, incarceration policies and ethics in the field of administration of justice.

AUT501 - **AUTOMOTIVE TECHNOLOGY** (9-12) One/Two Semesters/5-10 credits

Graduation: Elective credit only

Introduction to Automotive Technology is designed as a basic course in automotive service, maintenance and repair. The course content includes automotive safety, tools of the trade, automotive maintenance, minor service techniques, including checking of fluids, lubrication, battery service, cooling system service, wheel, tire and suspension service, brake service, and performance of minor electrical tune-up.

CUL501 - **CULINARY** (9-12) One Semester/ 5 credits

Graduation: Elective credit only

This class exposes students to real-world culinary careers. It focuses on safety and sanitation, the value of quality customer service, food service management and standards, standardized recipes, culinary nutrition and menu planning and development. Students will cook recipes in their kitchens at home.

HOU501 - **HOUSING CONCEPTS** (9-12) 1-2 Semesters/ 5-10 credits

Graduation: Elective credit only

Students will explore the elements of a well designed home and will discuss how to meet the needs of individual family members when designing a home. Students will learn about color, scale, formal versus informal style, and will describe the final five steps in the design process. The course will examine the stages of the building process including meeting building codes and passing home inspections.

CYBER HIGH ONLINE COURSES

A-G COURSES DESIGNATED WITH *

ENGLISH LANGUAGE ARTS

American Literature A
American Literature B
English 1A*
English 1B*
English 2A*
English 2B*
English 3A*
English 3B*
English 4A*
English 4B*
Writing Composition A

WORLD LANGUAGES

American Sign Language A*
American Sign Language B*

SCIENCE

Lab Biology A*
Lab Biology B*

MATHEMATICS

Integrated Math 1A*
Integrated Math 1B*
Integrated Math 2A*
Integrated Math 2B*
Integrated Math 3A*
Integrated Math 3B*
Algebra 1 A*
Algebra 1 B*
Geometry A*
Geometry B*
Algebra 2A*
Algebra 2B*

SOCIAL SCIENCE

American Government (Eng/Sp)*
Art History A*
Art History B*
Economics (Eng/Sp)*
Sociology*

U.S. History A (Eng/Sp)*
U.S. History B (Eng/Sp)*
World History A*
World History B*

ELECTIVES

ENGLISH LANGUAGE ARTS

American Literature A
American Literature B
Writing Composition A
Dimensions of Culture

ENGLISH LANGUAGE DEVELOPMENT

Grammar Through Literature A
Grammar Through Literature B

LIFE SKILLS

Learning in the Information Age A & B
Career Exploration
You and the News

SCIENCE

Environmental Science A
Environmental Science B
Integrated Science A
Integrated Science B

HEALTH EDUCATION

Choices for Life (Health)

Health Ed (Eng/Sp)

MATHEMATICS

Basic Math A
Basic Math B
Math Skills Review
Consumer Education
Application Math A
Application Math B
Pre-Algebra

SOCIAL STUDIES

Art History A
Art History B
Early California History
Ethnic Studies
Sociology

EDMENTUM COURSES

Career Technical Education Pathways

Health & Science Medical Technology Pathway:

7920 - Principles of Health Science A/B
7921 - CA Health Science 1 A/B
7921 - CA Health Science 2 A/B (optional)
4273 - CA Applied Medical Terminology A/B

Hospitality and Tourism Pathway:

8000 - Principles of Hospitality and Tourism A/B
8020 - CA Culinary Arts A/B
8020 - Intro to Culinary Arts SE (optional)
8021 - Servsafe Food Handler & Food Manager Course

Information Technology Pathway:

Programming:

8110 - Principles of Information Technology A/B
8111 - CA Computer Programming 1 A/B
8112 - CompTIA A+ 220-1001 or CompTIA A+ 220-1002

Networking:

8120 - Networking
8121 - Web Technologies A/B
8121 - Networking Fundamentals
8112 - CompTIA A+ 220-1001 or CompTIA A+ 220-1002

