

DENAIR CHARTER ACADEMY



2022-2023

Denair Charter Academy
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 CLASS OF 2022 and 2023

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 Minis	
Computer Literacy	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	70
<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. 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**

2022-2023

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	Earth Science	Biology	Science	Elective
4	Computer Lit/ 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.

**9th-12th Grade
COURSE OFFERINGS LIST
2022-2023**

English (4 yrs required)					
Crse #	Course	Gr	s/yr	A-G	Onsite
500106	English 9	9	yr		
50255	English 10	10	yr		
50184	English 11	11	yr		
50205	English 12	12	yr		
50154	English 12 CP*	12	yr	b	x
50142	Grammar	any	s/yr		
60903	<i>CH.Eng 1A/B</i>	9	yr	b	
60918	<i>CH.Eng 2A/B</i>	10	yr	b	
60921	<i>CH.Eng 3A/B</i>	11	yr	b	
60501	<i>CH.Eng 4A/B</i>	12	yr	b	
Math (3yrs required including Algebra)					
Crse #	Course	Gr	s/yr	A-G	Onsite
40700	Alg. Ess.	9	yr		
50261	Algebra I	9, 10	yr		x
50224	Geometry	10,11	yr		x
50235	Algebra II	11,12	yr		x
40452	Algebra II CP*	11,12	yr	c	x
40114	Int. Math	11,12	yr		
50202	Cons. Math	11,12	yr		
60268	<i>CH.Alg I P</i>	9, 10	yr	c	
60900	<i>CH.Alg II P</i>	11,12	yr	c	
60257	<i>CH.Geom P</i>	10,11	yr	c	
60269	<i>CH.IntMath1</i>	any	9	c	
60270	<i>CH.IntMath2</i>	any	10	c	
60271	<i>CH.IntMath3</i>	any	11	c	

Science (1 life science & 1 phys science required)					
Crse #	Course	Gr	s/yr	A-G	Onsite
40602	Earth Sci	9	yr		x
40806	Earth Sci CP*	9,11	yr	d	x
50128	Biology	10	yr		x
40600	Biology CP*	10	yr	d	x
50170	Chemistry	11	yr		
50233	Enviro Sci	11	yr		
50103	Physical Sci	11	yr		
50302	Science	11	yr		
60910	<i>CH.Int Sci</i>	9	yr		
60913	<i>CH.Phys Sci</i>	9	yr		
60241	<i>CH.Bio A/B</i>	10	yr		
60912	<i>CH.Env Sci</i>	11	yr		
History (Wrld, US & Econ/Civ required)					
Crse #	Course	Gr	s/yr	A-G	Onsite
50119	World History	10	yr		x
50174	US History	11	yr		x
50234	Civics	12	sem		x
50206	Econ	12	sem		x
40650	Civics CP*	12	sem	a	x
40651	Econ CP*	12	sem	a	x
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 (1 yr required)

Crse #	Course	Gr	s/yr	A-G	Onsite
50116	Spanish 1	any	yr		x
40300	Spanish 1 CP*	10,11	yr	e	x
50271	Spanish 2	any	yr		x
40301	Spanish 2 CP*	11,12	yr	e	x
60915	CH.AmSnLg1	10,11	yr	e	
60916	CH.AmSnLg2	11,12	yr	e	
Fine Arts					
Crse #	Course	Gr	s/yr	A-G	Onsite
50187	Rock & Roll CP*	any	yr	f	x
50259	Digital Art CP*	any	sem	f	x
50175	Art I	any	sem		
50176	Art II	any	sem		
50177	Art III	any	sem		
50249	Ceramics	any	sem		x
50251	Ceramics II	any	sem		x
40506	Photo/YrBk	any	yr		x
52222	Photo/YrBk CP*	any	yr	f	x
7163	Floral 1	any	sem		x
7166	Adv Floral	any	sem		x
50253	Art History	any	s/yr		
60930	CH.Art Hist A	any	yr	f	
60931	CH.Art Hist B	any	yr	f	
Electives (Cmp Lit, Hlth, Careers & Sr Sem req)					
Crse #	Course	Gr	s/yr	A-G	Onsite
50282	Comp Lit	9	sem		x
50304	Health	9	sem		
50318	Hist of Mex	any	yr		x
50228	Psych*	11,12	yr		x
50229	Psych P*	11,12	yr	g	x
40609	Admn Just	any	yr		x
50265	Child Dev	any	s/yr		x
50171	Careers	any	s/yr		x
50139	Fashions&Fabr	any	s/yr		
40264	Etiquette	any	yr		
50151	Ind. Reading	any	s/yr		
50252	Ind. Living	any	s/yr		
50216	Teen Living	any	s/yr		
50203	Auto Tech	any	s/yr		

50262	Culinary	any	sem		
50263	Astronomy	any	s/yr		
50165	HouseConcept	any	s/yr		
50180	Study Skills	any	sem		
40155	Work Exper.	any	s/yr		x
50317	Teacher's Aide	any	sem		
40712	Animal Sci	any	sem		
50132	WildlifeForestry	any	sem		
50270	Geography	any	sem		
50145	BusinessIntro	any	sem		
50149	Typing	any	sem		
60808	Sr Seminar	12	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	
PE (2 yrs required with waiver)					
Crse #	Course	Gr	s/yr	A-G	Onsite
50113	PE	9	yr		
40545	PE II	10	yr		
40546	PE III	11	yr		
40547	PE IV	12	yr		

* pending board approval

Clubs/Enrichment

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

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

50145 - **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.

50149 - **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.

40155 - **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 High School.

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

50265 - **CHILD DEVELOPMENT/PARENTING** (9-12) One/Two Semesters/ 5-10 credits
(on-site class available)

Graduation: Elective credit only

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.

40264 - **ETIQUETTE** (9-12) Two Semesters/ 10 credits

Graduation: Elective credit only

Students will learn socially acceptable conventions for application in personal and social settings. Focus will be on increasing poise and confidence, learning table manners, increasing social skills, appropriate voice and conversation, the importance of dining and restaurant etiquette, how to overcome shyness, components of good personal grooming, behaviors considered to be image makers/breakers, and acceptable manners at home versus in public settings.

50139 - **FASHIONS & FABRICS** (9-12) One/Two Semesters/ 5-10 credits

Graduation: Elective credit only

This course 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.

50252 - **INDEPENDENT LIVING** (9-12) One/Two Semesters/ 5-10 credits (this course has an on-site component)

Graduation: Elective credit only

This course teaches students basic independent living skills to prepare them 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. This will also emphasize learning skills necessary for positive family relations and will introduce students to the value of positive parenting skills.

50216 - **TEEN LIVING** (9-12) One/Two/ 5-10 credits

Graduation: Elective credit only

This course examines life management skills in the areas of personal and family living, wellness, nutrition, and foods, financial management; living environments; appropriate child development practices; fashion and clothing; and job readiness. Emphasis is placed on students applying these skills during their teen years. Students learn to fulfill their responsibilities associated with the work of the family and community.

ENGLISH

500106 - **ENGLISH 9** (9-12) 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.

50255 - **ENGLISH 10** (10-12) One Year/ 10 credits

Prerequisite: Successful completion of English 9 or instructor approval

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

Emphasis is based on the continuation of skills developed in the freshman English program. The class will be literature based with various types of literature studied. Students will read novels, plays, short stories and poetry from anthology. Vocabulary and spelling will be ongoing throughout the year.

50184 - **ENGLISH 11** (11-12) One Year/ 10 credits

Prerequisite: Completion of English 9 and 10 or instructor approval

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

Novels, short stories, dramas, and some poetry will be studied to explain various authors' styles. Practice in the use of basic communication skills including vocabulary work, correctness of written expression, grammar and usage will also be stressed. Appreciation of various types of literature will also be emphasized.

pending approval - 50205 - **ENGLISH 12 CP** (12) One Year/10 credits

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

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

This course takes students through classic texts of British Literature, spanning from the Anglo-Saxon Period to the Modern Age. Paired with the British classics are canonical pieces of American Literature. These pairings demonstrate the influence of British literary movements, writing styles, and philosophical ideas on American authors and will help students make connections between British and American literature, history, and culture.

50205 - **ENGLISH 12** (12) One Year/10 credits

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

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

The literature-based curriculum will focus on reading and writing for personal meaning. Novels, short stories, poetry and plays will be studied through methods that include lecture and oral presentations. A study of vocabulary and spelling will continue

throughout the year.

50142 - **ENGLISH GRAMMAR** (9-12) One/Two Semesters/ 5-10 credits

Graduation: Fulfills up to one year of the English requirement

English Basics is a one-year course to help students who are learning or reviewing Written and Oral English Language Conventions. It focuses on grammar and spelling.

50151 - **INDEPENDENT READING** (9-12) One/Two Semesters/ 5-10 credits

Graduation: Fulfills up to one year the English requirement

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 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.

40506 - **YEARBOOK/PHOTOGRAPHY** (9-12) One/Two Semesters/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.

FINE ARTS

50175 - **ART I** (9-12) One/Two Semesters/5-10 credits
Graduation: Fulfills up to one year of the fine art requirement.

This course introduces the student to a wide range of art techniques and creative approaches to visual arts. Students make critical assessments about their own artwork and the work of their peers and other artists in written as well as verbal critiques. Emphasis is placed on applying and connecting their art knowledge to other art forms, subject areas and careers. Students explore color theory, elements of good composition, basic techniques of drawing perspective, brush techniques, and contour drawing. They work with the following media: ink, pastel, paints, scratchboard, marker, pencil, and collage.

50176 - **ART II** (9-12) One/Two Semesters/5-10 credits
Graduation: Fulfills up to one year of the fine art requirement.

Through assigned as well as self-directed projects, students will continue to explore a variety of media and subject matter intended to further develop their individual skills and creativity. Students have more sophisticated experiences in art production, art criticism and aesthetics.

50253 - **ART HISTORY** (9-12) One/Two Semesters/5-10 credits
Graduation: Fulfills up to one year of the fine art requirement

This course provides a foundational understanding of art by examining painting, sculpture and architecture throughout history. Students will learn through reading and observing slides, as well as watching videos, writing research papers and completing hands-on projects. Emphasis is placed on learning the elements and principles of art. Students will be encouraged to analyze, compare and describe different works of art. Students will learn how various historical and political events have impacted the arts and the role art has played in societies throughout history.

50249 - **CERAMICS 1** (9-12) 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.

50251 - **CERAMICS 2** (9-12) 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.

Pending Approval - 50259 - **DIGITAL ART CP** (9-12) One Semester/5 credits

Graduation: Fulfills up to one semester 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.

7163 - **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.

7166 - **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.

40259 - **PHOTOGRAPHY** (9-12) One Semester/5 credits

Graduation: Elective credit only

This course will cover the use of the Digital SLR camera controls, including f/stops, shutter speeds, film speeds and the production of a correct exposure. Skills will include composition criticism, lighting and image editing software. Students will also learn the history and invention of photography.

Pending approval - 52222 - **PHOTOGRAPHY/YEARBOOK CP** (9-12) One Year/10 credits

Graduation: Fulfills one year of the College Prep Elective “F” requirement

Students will learn digital imaging using Photoshop Elements to enable them to edit and manipulate digital images. Students will create page layouts, and write copy, captions and stories which will be combined with their photographs for special assignments and publishing materials including the high school yearbook.

Pending approval - 50187 - **ROCK & ROLL BAND CP** (9-12) One Year/10 credits

Graduation: Fulfills one year of the College Prep Elective “F” requirement

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

50305 - **AB329 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.

50282 - **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.

FOREIGN LANGUAGE

50116 - **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.

pending approval - 40300 - **SPANISH 1 CP** (9-12) One Year/ 10 credits

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.

pending approval - 50271 - **SPANISH 2 CP** (9-12) One Year/ 10 credits

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 stressful. 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

40700 - **ALGEBRA ESSENTIALS** (9-12) 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.

50261 - **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.

50224 - **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.

50235 - **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.

pending approval - 40452 - **ALGEBRA II CP** (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.

50202 - **CONSUMER MATH/LIFE SKILLS MATH** 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.

pending approval - 40114 - **INTEGRATED MATH I** (9-12) 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

50171 - **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.

40264 - **ETIQUETTE** (9-12) Two Semesters/ 10 credits

Graduation: Elective credit only

Students will learn socially acceptable conventions for application in personal, and social settings. Focus will be on increasing poise and confidence, learning table manners, increasing social skills, appropriate voice and conversation, the importance of dining and restaurant etiquette, how to overcome shyness, components of good personal grooming, behaviors considered to be image makers/breakers, and acceptable manners at home versus in public settings.

60808 - **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.

50180 - **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.

50317 - **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

50113, 40545, 40546, 40547 - **PHYSICAL EDUCATION 1, 2, 3, 4** (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.

This class is a "Pass/Fail" course.

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

40712 - **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.

50128 - **BIOLOGY** (9-12) 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.

pending approval - 40600 - **BIOLOGY CP** (9-12) One Year/ 10 credits (**on-site class available**)

Graduation: Fulfills one-year of the UC "D" Science Requirement

The purpose of this course is to give students both the factual basis and conceptual framework necessary for a sophisticated understanding of biological concepts at a college preparatory level. The course is closely aligned with the California Content Standards for Biology, ensuring that all content standards are met. Beyond these standards, the course is designed to integrate laboratory and lecture components to highlight the idea that biological knowledge emerges from a cycle of observation, experimentation and analysis. At the end of the course, students should be capable of meaningful insights within (and transfer between) these general areas: biology as a science, ecology, cells, genetics, evolution, the diversity and origins of life, plant and animal anatomy and physiology.

40602 - **EARTH SCIENCE** (9-12) 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.

pending approval - 40806 - **EARTH SCIENCE CP** (9-12) One Year/10 credits (**on-site class available**)

Graduation: Fulfills one-year of the UC "D" Science Requirement

This course is designed to ensure students apply the laws, theories and principles of

earth science to everyday phenomena. Since Earth Science consists of a group of sciences that deal with the Earth and its neighbors in space it includes robust, relevant learning experiences in geology, oceanography, meteorology, and astronomy. The course is founded on the concept of having students approach the course content as scientists and, therefore, each unit provides multiple tasks requiring students to develop models, illustrate/model particular phenomena, and collaborate with one another, the instructor, and organization and individuals in the local community, including scientists.

50233 - **ENVIRONMENTAL SCIENCE** (9-12) 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. Field activities help to further demonstrate the "real world" problems we are facing in the environment everyday.

50103 - **PHYSICAL SCIENCE** (9-12) 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.

50132 - **WILDLIFE FORESTRY** (10-12) 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

50234 - **CIVICS** (12) One Semester/ 5 credits (**on-site class available**)

Graduation: Fulfills one semester of the twelfth grade 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 Papers*. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities and assume the responsibilities of citizenship. (This is a one-semester course that alternates with Economics).

pending approval - 40650 - **CIVICS CP** (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.

50206 - **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).

pending approval - 40651 - **ECONOMICS CP** (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. Students will

practice applying economic concepts in real-world scenarios, as well as analyzing economic data in order to make decisions and draw conclusions. 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.

50270 - **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.

50138 - **HISTORY OF MEXICO** (9-12) One Year/10 credits (**on-site class**)
Graduation: Elective Credit Only

This course will cover Mexico's history, including wars, government control and historical figures. Specific periods include the Colonial period, going from empire to republic, the Porfiriato. Mexican culture and activities will allow students to learn and understand about Mexican heritage.

Pending approval - 50228 - **PSYCHOLOGY** (11-12) One Year/10 credits (**available as on-site class**)
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.

Pending approval - 50229 - **PSYCHOLOGY CP** (11-12) One Year/10 credits (**available as on-site class**)
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. This course will review the nation's beginnings and the impact of the Enlightenment on U.S. democratic ideals, including the social and cultural effects. 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. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. 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.

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. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable and are not practiced everywhere in the world. 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.

TRADE/ TECHNOLOGY

Pending approval - 40609 - **ADMINISTRATION OF JUSTICE** (9-12) Two Semesters/10 credits (**on-site class**)

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.

50203 - **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.

50262 - **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.

50165 - **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