

# **DENAIR CHARTER ACADEMY**



**2020-2021**

**High School**

**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

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.

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# ACES

## Student Learning Outcomes (SLOs)

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.

## **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**

#### **INTRODUCTION TO BUSINESS** (9-12) One Year/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.

#### **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.

#### **WORK EXPERIENCE** (11-12) One/Two Semesters/ 5-10 credits

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**

**CAREERS** (11-12) One Year/ 10 credits

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.

**CHILD DEVELOPMENT & GUIDANCE** (9-12) One Semester/5 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.

Graduation: Elective credit only

**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.

**FASHION & 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.

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

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.

**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**

**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.

**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.

**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.



## **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.

## **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.

## **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.

# **FINE ARTS**

## **ART I** (9-12) One Year/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. Students work with the following media: ink, pastel, paints, scratchboard, marker, pencil, and collage.

## **ART II** (10-12) One Year/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 will have more sophisticated experiences in art production, art criticism and aesthetics.

**ART HISTORY** (9-12) One Year/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.

**CERAMICS 1** (9-12) One Year/10 credits

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.

**CERAMICS 2** (9-12) One Year/10 credits

Prerequisite: Permission of course instructor

Graduation: Fulfills one semester of the fine art requirement

This course builds on foundational skills attained 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. This course is aligned with the California Visual Art Standards.

**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.

## FRESHMAN MINIS

### **AB329 HEALTH** (9-12) One Semester/ 5 credits

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

AB 329 Health is a required course addressing federal and state mandates, including the CA Healthy Youth Act. 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.

### **COMPUTER LITERACY** (9-12) One Semester/ 5 credits

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

### **AMERICAN SIGN LANGUAGE 1, 2, 3, 4** (9-12) One Semester Each/5 credits

Graduation: Elective credit only

This course is designed to provide students with the basic technical skills needed to use simple and basic ASL when communicating with deaf people. This course will incorporate vocabulary, grammar, a basic understanding of deaf culture and deaf community. Historical figures of the deaf community will be introduced to the class. Each class builds on the skills learned in the previous class.

### **SPANISH 1A** (9-12) One Year/ 10 credits

Graduation: Elective credit only

Spanish 1A is a beginning course designed for the student with no prior experience with the language. 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.

## **SPANISH 1B** (9-12) One Year/10 credits

Graduation: Elective credit only

Spanish 1B is a continuation of Spanish 1A beginning course. Students who have previously taken Spanish and or have some beginning knowledge of the language may enroll. Spanish for communication is the emphasis of the course. This course provides an opportunity to enhance acquisition of the fundamental elements of the Spanish language. Topics and vocabulary covered will relate to: sports, health, climate, entertainment and travel.

# **MATHEMATICS**

## **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.

## **ALGEBRA 1** (9-12) One Year/ 10 credits

Prerequisite: Algebra Essentials

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 solves quadratic equations. Students will also become proficient with operations on monomial and polynomial expressions.

## **GEOMETRY** (9-12) One Year/ 10 credits

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.

**ALGEBRA 2** (10-12) One Year/ 10 credits

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.

**CONSUMER MATH/LIFE SKILLS MATH** One Year/10 credits

Graduation: Fulfills one year of the math requirement

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.

## **NON-DEPARTMENTAL**

**CSI** (10-12) One Year/10 credits

Graduation: Elective credit only

This course is an introduction to crime scene investigation, crime scene photography, and diagrams as they are used in a criminal investigation. Also included are an understanding of the importance of physical evidence in solving crimes, dusting and lifting fingerprints, rolling a 10-print fingerprint card, how to perform a gunshot residue test, what methods can be used to process different types of evidence, how to collect evidence, and the use of forensic light source technology in crime scene investigation work.

**INTERVENTION 1,2,3,4** (12) One/Two Semesters/ 5-10 credits

Graduation: Elective credit only

*This class is a "Pass/Fail" course.*

This course will begin with analyzing the student's academic performance levels to determine areas of focus for improvement to ensure student success. Using the data results from student test scores, lessons will be created and individualized to address the student's needs.

**SENIOR SEMINAR** (12) One Semester/5 credits

Graduation: Elective credit only

This course is designed to prepare students for life after high school. Students will complete college and career readiness inventories and assignments, including their senior portfolio.

*DCA Course Directory 2020-2021*

The class will cover financial responsibility, citizenship and community service.

**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.

**TEACHER'S 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

**PHYSICAL EDUCATION 1, 2, 3, 4** (9-12) One Year/10 credits

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

## SCIENCE

**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.

**BIOLOGY** (9-12) One Year/10 credits

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.

**EARTH SCIENCE** (9-12) One Year/10 credits

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.

**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.

**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.

**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**

### **CIVICS** (12) One Semester/ 5 credits

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).

### **ECONOMICS** (12) One Semester/ 5 credits

Graduation: Fulfills one semester of the twelfth grade 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).

### **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.

### **HISTORY OF MEXICO** (9-12) One Year/10 credits

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 the Mexican heritage.

### **US HISTORY** (11) One Year/ 10 credits

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.

### **WORLD HISTORY** (9-10) One Year/ 10 credits

Graduation: Fulfills the 10th grade social science requirement

Students study major turning points that shaped the modern world, from the late 18<sup>th</sup> 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**

### **AUTOMOTIVE TECHNOLOGY** (9-12) One Year/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.

**CULINARY** (9-12) One Year/10 credits

Graduation: Elective credit only

In this course, students learn all about food, including food culture, food history, food safety, and current food trends. They also learn about the food service industry and prepare some culinary dishes. Through hands-on activities and in-depth study of the culinary arts field, this course helps students hone their cooking skills and give them the opportunity to explore careers in the food industry.

**HOUSING CONCEPTS** (9-12) One/Two 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.

## REQUIREMENTS FOR GRADUATION CLASS OF 2021 - 2024

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>Required Credits</u>
<b>English</b>	40
<b>Freshman Minis</b> Computer Literacy Health	5 5
<b>Fine Arts</b>	10
<b>Mathematics</b> (To include one year of Algebra)	30
<b>Physical Education</b>	20
<b>Science</b> Physical Science Life Science	10 10
<b>Social Science</b> World History US History Economics Civics	10 10 5 5
<b>Non-Departmental</b> Careers	10
<b>Required Courses</b>	170
<b>Electives</b>	60
<b>Total Credits Required for Graduation</b>	<b><u>230</u></b>

### 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\*\*

2020-2021

9th	10th	11th	12th
English 9	English 10	English 11	English 12
Algebra 1	Geometry	Algebra 2/Con Math	
Earth Science	Biology	Elective	Elective
Computer Lit/Health	World History	US History	Economics/Civics
PE	PE	Careers	Senior Seminar
Fine Arts	Elective	Elective	Elective
(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 GRADUATION REQUIREMENTS

### Health Science & Medical Technology

Class of 2021 and beyond

<u>Required Subjects</u>	<u>Required Credits</u>
<b>Computer Literacy</b>	<b>5</b>
<b>English</b>	<b>40</b>
<b>Fine Arts</b>	<b>10</b>
<b>Health</b>	<b>5</b>
<b>Careers</b>	<b>10</b>
<b>Math (to include 1 year of Algebra)</b>	<b>30</b>
<b>Physical Education</b>	<b>20</b>
<b>Science</b>	
Life Science	<b>10</b>
Physical Science	<b>10</b>
<b>Social Science</b>	
World History - Grade 10	<b>10</b>
US History - Grade 11	<b>10</b>
Civics - Grade 12	<b>5</b>
Economics - Grade 12	<b>5</b>
<b>Health Science &amp; Medical Technology (min. 4 consecutive semesters)</b>	<b>Pathway: 198</b>
<u>Intro Courses</u> <b>State Course Code: 7920</b> *Principles of Health Science A/B	<b>10</b>
<u>Technical Courses (Concentrator Courses)</u> <b>State Course Code: 7921</b> *CA Health Science 1 A/B CA Health Science 2 A/B (optional)  CA Applied Medical Terminology A/B (optional) <b>State Course Code: 4273</b>	<b>10</b>
<u>Application Course (Completor Courses)-</u> <b>State Course Code: 7922</b> *Certified Nurses Aid A/B (Prep Course for CNA exam) (includes 100 hour internship at a local medical facility and must be 16 years old to complete hours. Students can take the NNAAP exam after their 18th birthday)  <b>Capstone Work Based Learning (WBL) Course</b> (1 year program) *Avalon Health Care Facility will be used to complete clinical hours*.	<b>NC</b>        <b>10</b>

Electives	Varies
Total Credits Required	230

**DENAIR CHARTER ACADEMY GRADUATION REQUIREMENTS**  
**Hospitality and Tourism Pathway**  
Class of 2021 and beyond

Required Subjects	Required Credits
Computer Literacy	5
English	40
Fine Arts	10
Health	5
Careers	10
Math (to include 1 year of Algebra)	30
Physical Education	20
<b>Science</b>	
Life Science	10
Physical Science	10
<b>Social Science</b>	
World History - Grade 10	10
US History - Grade 11	10
Civics - Grade 12	5
Economics - Grade 12	5
<b>Hospitality &amp; Tourism Courses</b> (Minimum of 4 consecutive semesters) CTE Pathway requires 300 hours of class time and practical experience. *denotes preferred courses for preparation for ServSafe Food Handler Test	<b>Pathway Code: 201</b>
<b>Introductory Courses</b> State course code: 8000	
1. Principles of Hospitality and Tourism A/B	10
<b>Technical Courses (Concentrator Courses)</b> State course code: 8020	
2. CA Culinary Arts A/B	10
3. Intro. To Culinary Arts SE (optional)	(10)
<b>Application Courses (Completor Courses)</b> State Course Code: 8021	
4. Servsafe Food Handler & Food Manager Course This course is preparatory for the Servsafe Food Handler Test offered	NC

at the local health department.	
<b>Electives</b>	<b>40</b>
<b>Total Credits Required</b>	<b>230</b>

## DENAIR CHARTER ACADEMY GRADUATION REQUIREMENTS

### Information Technology Pathway

Class of 2021 and beyond

<u>Required Subjects</u>	<u>Required Credits</u>
Computer Literacy	5
English	40
Fine Arts	10
Health	5
Careers	10
Math (to include 1 year of Algebra)	30
Physical Education	20
<b><u>Science</u></b>	
Life Science	10
Physical Science	10
<b><u>Social Science</u></b>	
World History - Grade 10	10
US History - Grade 11	10
Civics - Grade 12	5
Economics - Grade 12	5
Information Technology Pathways ( <i>Two Options Available- (Networking)/(Programming)</i> (Min. of 4 consecutive semesters)	<b>Programming/Information Pathway: 170 Networking Pathway: 172</b>
<b><u>Introductory Courses</u></b>	
Principles of Information Technology A/B (Programming) (State Course Code: 8110) or Networking (State Course Code): 8120)	10
<b><u>Technical Courses</u></b> (Concentrator Courses)	
Web Technologies A/B (Networking) or Networking Fundamentals (Networking) State Course Code: 8121	10
CA Computer Programming 1 A/B (Programming) State Course Code: 8111	10
<b><u>Application Courses</u></b> (Completor Courses)	
CompTIA A+ 220-1001) <b>OR</b> CompTIA A+ 220-1002 (Must take to complete either the Networking or Programming Pathways) (State Course Code: 8112)	test prep/job shadow

Work Based Learning (WBL) Training Capstone Available but not required.	10
Electives	variable
Total Credits Required	230

## 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 offered through the online platform, Edmentum, are available to all Denair Charter Academy students seeking a Career Technical Education Pathway.