



Accredited by Western Association of Schools and Colleges

High School Course Catalog

2020-2021
Grades 9-12

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High School Course Catalog

The purpose of this course catalog is to provide students and parents information regarding high school course offerings, graduation requirements, and college admissions guidelines. This catalog is designed to offer students descriptions about the courses we offer and what transcript category

they fulfill. It is also a helpful resource to find out prerequisites for certain courses, read a description about particular courses and to see if the class has been approved by the UC and CSU system. It is our intended goal that you will be empowered to make informed decisions about what classes you would like to take as well as what classes you need for graduation.

A Message for Student and Parents

This catalog is designed to provide our students and their parents/guardians pertinent information regarding the courses we offer at San Diego Virtual School. It also contains SDVS' graduation requirements and college admission guidelines. This catalog is designed to assist students in becoming informed about our courses and how to plan the most appropriate program for the next school year as well as the remainder of high school. The student's teacher, academic counselor, parents/guardians and student should discuss each student's selections prior to or during the pre-registration process.

General Information

Prerequisites: Some San Diego Virtual courses have prerequisites. A prerequisite may be, but is not limited to, a qualifying course, level of performance, prior enrollment in the lower level course, or teacher approval. Please see the course descriptions to determine any required prerequisite.

Withdrawal from a Class: Please see the Withdrawal Policy in our Parent/Student Handbook.

College Concurrent Enrollment Courses: San Diego Virtual School strongly suggests academic ready students should enroll in community college courses. Students who wish to take courses at a community college for high school credit must have **prior written approval** from San Diego Virtual School's college counselor or director's designee. Additional requirements to enroll in community college courses can be found in our Student/Parent Handbook. At the successful completion of the off campus course, it is the student's responsibility to provide the registrar with an official transcript from the community college to receive credit on their high school transcript.

Credits: Students receive 5 credits (unless otherwise noted on the master agreement) for each semester course that is successfully completed with a passing grade. Students repeating a course to improve his/her grade will not receive an additional 5 credits for the course.

California High School Proficiency Exam (CHSPE): The CHSPE is a program established by California Law (Education Code Section 48412) that allows a student to test in the areas of English-Language Arts and Mathematics. Upon successful completion of the exams, a student will be awarded a "Certificate of Proficiency" by the California State Board of Education. Please visit www.chspe.net for more information or a teacher for testing information.

Graduation Requirements and Summary of CSU & UC Eligibility Requirements

High School Subject Area	Track 1 SDVS graduation Graduation Requirements All SDVS must meet the following course requirements:	Track 2 SDVS Graduation PLUS CSU Requirements for Freshman Admission [all courses should be chosen from UC-approved "a-g" list]	Track 3 SDVS Graduation PLUS UC Requirements for Freshman Admission [all courses must be chosen from UC-approved "a-g" list] Minimum GPA = 3.0
A full-time student must be enrolled in a minimum of 20 credits per semester and grade level career class.			
a - Social Science	Three years of history/social science, including one year of U.S. history & geography; one year of world history, culture, and geography; and one semester each of American government and economics. (30 credits)	Two years, including one year of U.S. history or U.S. history and government and one year of other approved social science. (20 credits)	Two years of history/social science, including one year of world history and one year of U.S. history or one-half year of U.S. history and one-half year of civics or American gov. (20 Credits)
b - English	Four years of approved courses (40 credits)	Four years of approved courses (40 credits)	Four years of approved courses (40 credits)
c - Mathematics	Three years, including Algebra I. (30 credits)	Three years, including algebra, geometry, and intermediate algebra. (30 credits)	Three years, including algebra, geometry, and intermediate algebra. (30 credits) four years rec.]
d - Science	Two years, including biological and physical sciences. (20 credits)	Two years, including one year of biological science and one year of physical science with lab. (20 credits)	Two years with lab required, chosen from biology, chemistry, and physics. (20 credits) [Three years recommended]
e - Language Other than English	One year of either Language Other Than English	Two years of the same Language Other Than English. (20 credits)	Two years of the same Language Other Than English. (20 credits) [3 years recommended]
f - Visual & Performing Arts	or Visual/Performing Arts (10 credits)	A single yearlong approved arts course from a single VPA discipline: dance, drama/theater, music or visual art. (10 credits)	A single yearlong approved arts course from a single VPA discipline: dance, drama/theater, music or visual art. (10 credits)
g - Electives	• 70 credits	One year (equivalent of two semester courses) required; <u>must</u> be chosen from "a-g" list. (10 credits)	One year (equivalent of two semester courses) required; <u>must</u> be chosen from "a-g" list. (10 credits)
Phys. Educ.	Two years (20 credits)		
Total Credits	220		

Four Year Planning Guide for Graduation and College

When planning course selections, please be sure that a minimum total of 220 academic credits are completed for graduation. Students must be enrolled in grade level English, History, Science and Math. Students must complete 220 credits to graduate and it is recommended that a student enroll in at least 30 credits per semester. A student must be enrolled in at least 20 San Diego Virtual credits per semester unless their credits for graduation are less than 20.

	9 th	10 th	11 th	12 th	Total required for SDVS graduation
Social Studies (a)		World History	US History	Am. Govt/ Economics	30
English (b)	English 1	English 2	English 3	English 4	40
Mathematics (c)	Algebra Readiness or Algebra 1/Integrated Math 1 or Geometry	Algebra 1/Int. Math 1 or Geometry or Algebra 2 or Integrated Math 2	Algebra 1 or Geometry or Algebra 2, (Or Integrated series) Consumer math or Pre Calculus	Algebra 1 or Geometry or Algebra 2 or Pre Calculus or Calculus or Consumer Math	30
Science (d)	Earth/Space Science	Life Science or Biology	Chemistry	Environmental Science	20 [10 in biological science and 10 in physical science]
Visual Perform. Arts/ LOTE (e & f)	Note: UC/CSU eligibility requires 10 credits in a single discipline of VPA in addition to 2 years of a Language other than English. It must be the SAME language.				10
	Recommend LOTE 1	Recommend LOTE 2	Recommend LOTE 3 or VAPA Class	Recommend VAPA class	
Electives (g)	An elective course is any course taken in addition to specified department graduation requirements.				70
	2 electives (recommended health and comp lit)	2-4 electives	2-4 electives	2-4 electives	
PE	20 credits of PE required for graduation; additional PE will count toward elective credits.				20
Total Credits required for graduation					220

University of California Approved Courses *

2020-2021

[Courses on this list are also approved for the CSU system.]

The 'category' column represents the specific subject requirement fulfilled by the course.

a-HISTORY

World History
US History
American Government

b-ENGLISH

English 1
English 2
English 3
English 4

c-MATHEMATICS

Algebra 1 or Int Math I
Geometry or Int. Math II
Algebra 2
Intro to Prob/Stats
Pre-Calculus
Calculus

d-LABORATORY SCIENCE

Biology
Chemistry
Environmental Science
Earth Science

e-LANGUAGE OTHER THAN ENGLISH

Spanish 1
Spanish 2
Spanish 3

f-VISUAL AND PERFORMING ARTS

Art 1
Digital Photo
Music Appreciation

g-COLLEGE PREPARATORY ELECTIVE COURSES

Please see the UC Doorways Website for the most updated list. Some classes include:

Creative Writing
Early Childhood Education
Economics
Earth Science
Entrepreneurship
Fashion and Interior Design
Health
Intro to Astronomy
Intro to Anthropology
Intro to Finance
Gothic Literature
Psychology
Sociology

*Please visit [UC approved classes](#) for a complete course list.

*Community College Courses: It is the student's responsibility to verify that community college courses meet the UC "a-g" eligibility requirements.

In order for students to receive UC a-g designation, the midterms, finals and laboratory experiments must be proctored. Courses in the course catalog denoted with a "- P" are UC "a-g" approved courses. Please see www.ucdoorways.com to verify all SDVS courses for UC "a-g" approval.

NCAA Classes

The NCAA, National Collegiate Athletic Association is the organization that is dedicated to the well-being and lifelong success of college athletes. It is the place all college bound athletes need to familiarize themselves and register with in order to be eligible for college D1, D2 and D3 sports. All athletes....[start here!](#) You need to be certified by the NCAA Eligibility Center to compete at an NCAA Division I or II school. Students should create a Certification Account and the NCAA will guide them through the process. *You need to create a Certification Account to make official visits to Divisions I and II schools or to sign a National Letter of Intent.*

DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

Category	Requirement	Years
ENGLISH		4 years
MATH (Algebra I or higher)		3 years
NATURAL/ PHYSICAL SCIENCE (One year of lab, if offered)		2 years
ADDITIONAL ENGLISH, MATH OR NATURAL/ PHYSICAL SCIENCE		1 year
SOCIAL SCIENCE		2 years
ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)		4 years

San Diego Virtual Schools Approved Classes*

Students may not take credit recovery to satisfy NCAA requirements

- English 1, 2, 3, 4
- World History, US History, Government, Economics, Geography
- Algebra 1, Geometry, Algebra 2, PreCalculus, Calculus, Stats and Prob.
- Integrated Math 1, 2, 3
- Biology, Chemistry, Earth Science, Environmental Science
- Spanish 1, 2, 3
- Creative Writing
- Gothic Literature
- Psychology
- Sociology

* Courses are subject to change so please check the official NCAA site for the most up to date list of [San Diego Virtual Schools NCAA approved classes](#).

College/Career Information

There are many websites that offer information to help students in their college search as well as finding scholarships and applying for financial aid. San Diego Virtual School's career program will explore the various post- secondary options for our students. Please contact our college and career counselor or school counselor if you have any questions. If you need to refer to our CEEB code (school code), it is **054581**.

College and University Information:

<http://www.universityofcalifornia.edu/students/welcome.html>
<http://www.csumentor.edu>
<http://www.commonapp.org>
<http://www.aiccumentor.org>
<http://www.careersandcolleges.com>
<http://www.petersons.com>
<http://www.californiacolleges.edu>
<http://www.calstate.edu>
<http://www.collegeboard.com>

Financial Aid:

<http://www.fafsa.ed.gov>
<http://www.salliemae.com>
<http://www.kaplan.com>
<http://www.finaid.org>

Scholarship Information:

<http://www.fastweb.com>
<http://www.usnews.com>
<http://www.scholarships101.com>
<http://www.hsf.net>
<http://www.uncf.org/index.asp>

Scholarships for Hispanic Students.
United Negro College fund

Sports:

<http://www.ncaa.org>
<https://www.playnaia.org/eligibility-center>

Official website of the NCAA sports
Official website of the NAIA sports

Need extra assistance, please contact:

Academic Dean of Students
Heidi Bridges
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hbridges@sdvirtualschools.com

School Counselor
Brittanni Powell
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COURSE OFFERINGS

Catalog Key:

-P : course qualifies as a UC “A-G” requirement

Prerequisites: a course that must be satisfied prior to enrolling in the course.

English/Language Arts

English 1A/B-P

Credits: 10

Level: 9th grade

Prerequisites: None

English I is designed to cultivate presentation, research, reading comprehension and analytical writing skills. In this course, you’ll read and analyze literature in a number of different genres. In addition, you’ll explore poetry, literature from a number of different genres and many types of writing, such as creative, descriptive, expository, narrative, and persuasive. Dramatic conventions and the structural elements of poetry are also a focus of this course. You’ll sharpen your writing skills as you evaluate literary works and informational texts by examining formal techniques, form, and writing structures *This course satisfies the high school English graduation requirement and satisfies the “b” UC requirement.*

English 2A/B-P

Credits: 10

Level: 10th grade

Prerequisites: None

English 2 focuses on using personal experiences, opinions, and interests as a foundation for developing effective writing skills. Skills acquired in English 1 are reinforced and refined. Literary models demonstrate paragraph unity and more sophisticated word choice. A research paper is required for completion of course. Topics include grammar, sentence and paragraph structure, organizing compositions, and the research paper. *This course satisfies the high school English graduation requirement and satisfies the “b” UC requirement.*

English 3A/B-P

Credits: 10

Level: 11th grade

Prerequisites: None

English 3 explores the relation between American history and literature from the colonial period through the realism and naturalism eras. English 3B explores the relation between American history and literature from the modernist period through the contemporary era, and presents learners with relevant cultural and political history. *This course satisfies the high school English graduation requirement and satisfies the “b” UC requirement.*

English 4A/B-P

Credits: 10

Level: 12th grade

Prerequisites: None

This course emphasizes the study of literature in the context of specific historical periods, beginning with the Anglo-Saxon and medieval periods in Britain. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. Semester B covers the romantic, Victorian, and modern eras. *This course satisfies the high school English graduation requirement and satisfies the “b” UC requirement.*

English Readiness

Credits: 5

Level: Grades 9-12

Prerequisites: By permission only

This course focuses on grammar, reading, and sentence structure to support their regular, grade-level English course. It is designed for a student who needs extra support to strengthen their linguistic abilities in academic English in order to have better success in their English and Core classes. This class counts as an elective credit.

Reading Comprehension

Credits: 5

Level: 9th-12th grade

Prerequisites: by permission only

This one-semester course is intended as a practical, hands-on guide to help improve your reading comprehension skills that are used in all your classes during your high school education. You will learn how to use tools like context clues and prefix clues to help you better understand the material you are reading. Students will also develop important skills such as making inferences, summarizing important information and learning to read “between the lines” to understand what the author is actually trying to say. This class counts as an elective credit.

History/Social Science

World History A/B-P

Credits: 10

Level: 10th grade

Prerequisites: None

World History comprehensive overview beginning with early civilizations in the Middle East, India, and China, the combined eight units conclude with a survey of the world since 1945. Other topics include a review of the Byzantine Empire, the resurgence of Europe, and the impacts of nationalism and democracy. The courses are flexible, offering optional topics, an array of learning resources, and a variety of engaging activities. *This course satisfies the high school Social Science graduation requirement and satisfies the “a” UC requirement.*

U.S. History A/B-P

Credits: 10

Level: 11th grade
Prerequisites: None

This course introduces students to early U.S. History and also provides them with an essential understanding of how to read, understand, and interpret history. For example, the first unit, The Historical Process, teaches reading and writing about history; gathering and interpreting historical sources; and analyzing historical information. While covering historical events from the founding events and principles of the United States through contemporary events, the course also promotes a cross-disciplinary understanding that promotes a holistic perspective of U.S. History. *This course satisfies the high school Social Science graduation requirement and satisfies the “a” UC requirement.*

American Government-P

Credits: 5
Level: 12th grade
Prerequisites: None

Units include study of the foundations of American government and the American political culture, with units 2 and 3 covering the U.S. constitution, including its roots in Greek and English law, and the various institutions that impact American politics. *This course satisfies the high school Social Science graduation requirement and satisfies the “a” UC requirement.*

Economics-P

Credits: 5
Level: 12th grade
Prerequisites: None

It begins with providing a basic understanding of the U.S. economy and its relationship to the world economy. It then covers macro issues such as government and the economy and micro issues such as entrepreneurship and consumer issues. *This course satisfies the high school Social Science graduation requirement and satisfies the “g” UC requirement.*

Mathematics

Algebra Readiness A and B

Credits: 5 credits each
Level: 9th grade
Prerequisites: by permission only

This class is designed to help review and/or strengthen foundational math skills and concepts needed for Algebra 1. Students are assigned an individualized curriculum that focuses on areas of need specific to each student and a math teacher to work with. *This course counts as a math elective.*

Introduction to HS Math A/B

Credits: 5 credits each
Level: 9th grade
Prerequisites: by permission only

This course introduces students to the skills and concepts needed for High School Mathematics. Algebra topics include aspects of linear equations, solving systems of equations graphically and algebraically, and the use of functions, scientific notation, roots and irrational numbers. Students will explore geometry through transformations, the Pythagorean Theorem, the coordinate plane, and volume. The section of statistics and probability focuses on scatter plots, trend lines and two-way tables. *This class counts towards a high school math elective.*

Algebra 1A/B -P

Credits: 5 credits each
Level: 9th grade
Prerequisites: None

A comprehensive study of all of the concepts of Algebra I required to meet state and Common Core standards. With multiple opportunities for practice and review, students easily master skills including variables, linear equations, quadratic equations, function notation, and exponential functions. *This course satisfies the high school mathematics graduation requirement and satisfies the “c” UC requirement.*

Geometry A/B-P

Credits: 5 credits each
Level: 9th - 12th grades
Prerequisites: Algebra 1

A comprehensive examination of geometric concepts, each lesson provides thorough explanations and builds on prior lessons. Step-by-step instruction and multiple opportunities for self-check practice develop skills and confidence in students as they progress through the course. The course features animations, which allow students to manipulate angles or create shapes, such as triangles, engage students in learning and enhance mastery. *This course satisfies the high school mathematics graduation requirement and satisfies the “c” UC requirement.*

Algebra 2A/B-P

Credits: 5 credits each
Level: 10th - 12th grades
Prerequisites: Algebra 1, Geometry

Algebra 2 expands on the algebraic functions learned in Algebra I by bringing in concepts of linear, quadratic, and simultaneous equations; laws of exponents; progression; binomial theorems; and logarithms. The course units are competency-based. Learners experience new situations which they practice in a real-world environment and match to previous learning. *This course satisfies the high school mathematics graduation requirement and satisfies the “c” UC requirement.*

Integrated Math IA/ IB-P

Credits: 5 credits each

Level: 9th - 12th grades

Prerequisites: none

This is a two semester course that completes the curriculum content for a portion of Algebra 1 and Geometry. This course provides the foundational skills needed for future High School Math Courses. *This course satisfies the high school mathematics graduation requirement and satisfies the "c" UC requirement.*

Integrated Math IIA/ IIB-P

Credits: 5 credits each

Level: 9th - 12th grades

Prerequisites: Integrated Math IA and IB.

This is a two semester course that completes the curriculum content for both Algebra 1 and Geometry. Algebra topics include the study of polynomials, quadratic relationships, the factoring of quadratic equations, the use of the Quadratic Formula, exponential relationships and mixed functions. These skills are integrated with Geometry through the study of Geometric figures and solids and their respective formulas. A study of statistics includes visual representations of data, and independent and conditional probability. The use of various Web 2.0 tools will be used, such as online graphing calculators, Desmos, Geogebra, and Draw. This course provides the foundational skills needed for future High School Math Courses. *This course satisfies the high school mathematics graduation requirement and satisfies the "c" UC requirement.*

Financial Math A/B

Credits: 5 each

Level: 11th - 12th grades

Prerequisites: Algebra 1

This is a two semester course that introduces you to the basics of financial Algebra. Lesson focuses on planning for expenses, developing financial goals, using algebraic expressions that model growth due to interest, evaluating investments in terms of their cost, risks and returns, examining the benefits and consequences of using credit cards and taking out loans, and viewing how to file taxes. Students will also be exposed to how businesses achieve profits. *This class counts towards a high school math elective.*

Precalculus A/B-P

Credits: 5 credits each

Level: 9th - 12th grades

Prerequisites: Algebra 1, Geometry, Algebra 2

Pre-Calculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. Pre-Calculus also provides a detailed look at trigonometric functions, their

graphs, the trigonometric identities, and the unit circle. Finally, students are introduced to polar coordinates, parametric equations, and limits. *This course satisfies the high school mathematics graduation requirement and satisfies the “c” UC requirement.*

Calculus A/B-P

Credits: 5 credits each

Level: 10th - 12th grades

Prerequisites: Algebra 1, Geometry, Algebra 2, Pre-Calculus

This course grounds the study of calculus in real-world scenarios and integrates it with the four STEM disciplines. The first semester covers functions, limits, derivatives and the application of derivatives. The course goes on to cover differentiation and antidifferentiation, applications of integration, inverse functions, and techniques of integration. *This course satisfies the high school mathematics graduation requirement and satisfies the “c” UC requirement.*

Introduction to Probability and Statistics-P

Credits: 5

Level: 10th - 12th grades

Prerequisites: Algebra 1, Geometry, Algebra 2, Pre-Calculus,

This one semester course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions. *This course satisfies the high school mathematics graduation requirement and satisfies the “c” UC requirement.*

Consumer Math A/B

Credits: 5 each

Level: 11th - 12th grades

Prerequisites: Algebra 1

When you buy goods and services, you are acting as a consumer. For example, you might buy a sandwich for lunch or pay a hair stylist for a haircut. Consumer Mathematics is a course designed to teach you about real-life financial situations that require everyday math skills. As a consumer, you will be earning, spending, and saving money. This course will help you make educated and responsible decisions regarding your finances. *Each semester class counts towards a high school math elective.*

Math Foundations A/B

Credits: 5 credits each

Level: 11th, 12th grade

Prerequisites: by permission only

This is a two semester course that reviews math concepts and computational skills needed for High School Math as well as in the workplace. Some of these mathematical skills include working with

fractions, decimal numbers, percentages ratios, rates, unit conversions, perimeter, area, volume, and statistical concepts. You will explore and apply math skills and concepts to real world situations. This course is highly recommended as a prerequisite for Algebra 1. *This course counts as a math elective.*

Accuplacer Math A/B

Credits: 5 each

Level: 11-12th grades

Prerequisites: Algebra 1

This is a two semester course that reviews math concepts and skills in preparation for higher education. The following topics will be reviewed: Basic arithmetic concepts, use of variables of variables to solve equations, inequalities, and algebraic expressions; the application of geometric formulas to solve problems; interpreting polynomial functions; and and using trigonometric ratios; and the Pythagorean Theorem. This course is highly recommended for students going to Community College.

This class counts towards a high school math elective.

Science

Earth Science A/B-P

Credits: 5 each

Level: 9th grade, unless requirement not met

Prerequisites: None

This course surveys basic physical sciences such as geology, biology, meteorology, oceanography, astronomy, botany, and physics and their impact on the earth. Students are guided to a better understanding of how the earth and the universe are structured. *This course satisfies the high school physical science graduation requirement and area “d” UC requirement.*

Biology A/B-P

Credits: 5 each

Level: 10th grade, unless life science requirement met

Prerequisites: None

Students develop a clear understanding of the sometimes complex concepts at the root of life science. Course units cover genetics and evolution, cell structure, multiple units on the diversity of life and on plant structure and function. For example, the unit on cell structure and specialization drills down into mitosis, meiosis, and cancer and carcinogens. *This course satisfies the high school biological science graduation requirement and satisfies the “d” UC requirement.*

Chemistry A/B -P

Credits: 5 each

Level: 9th -12th grade

Prerequisites: Algebra 1

The course surveys chemical theory, descriptive chemistry, and changes in matter and its properties. Students learn how to classify different states of matter as well as how atoms and compounds are structured. Additional areas of discussion include chemical energetics, measurements, bonding, stoichiometry, ionization, hydrocarbons, oxidation and reduction. A variety of simple lab experiments are included. *This course satisfies the high school physical science graduation requirement and satisfies the “d” UC requirement.*

Environmental Science A/B-P

Credits: 5 each

Level: 9th -12th grade

Prerequisites: Algebra 1

In Environmental Science, you will learn about ecological interactions and succession and the effects of climate change and the different types of adaptation. Further, you will describe the steps of the water cycle, and discuss how carbon, oxygen, nitrogen, and phosphorus cycle in the global environment. In Semester B, you will learn about the factors that affect populations. You will describe the factors that lead to unequal distribution of natural resources on Earth. You will explore various nonrenewable and renewable energy sources. Further, you will learn about the benefits of environmental policies and identify factors that affect sustainable development. *This course satisfies the high school physical science graduation requirement and satisfies the “d” UC requirement.*

Physical Science A/B (CR students only)

Credits: 5 each

Level: 9th -12th grade

Prerequisites: must be enrolled in CR Career Diploma path

In Physical Science, students will explore the fundamental principles and processes of the physical world. Topics include basic concepts of chemical composition, matter, motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. *This course satisfies the high school physical science graduation requirement and only students .*

Visual and Performing Arts

Art 1 A/B-P

Credits: 5 each

Level: 9th -12th grade

Prerequisites: None

Art 1 emphasizes the understanding of the elements of art and the principles of design that serve as a foundation for all works of art. Students will focus on the elements of art (line, color, shape, form,

texture, value and space.) and on the principles of design covering the concepts of balance, contrast, dominance, emphasis, movement, repetition, rhythm, variation and unity. Students will also learn about the role visual arts has had throughout history and among other world cultures. They will explore other cultures' art and how art has changed throughout history. *This course satisfies the high school VAPA graduation requirement and satisfies the "f" UC requirement.*

Photography 1/2-P

Credits: 5 each

Level: 9th -12th grade

Prerequisites: None

Digital Photography focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students use basic techniques of composition and camera functions to build a personal portfolio of images, capturing people, landscapes, close-ups, and action photographs. They will also examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas in which professional photographers may choose to specialize, such as wedding photography and product photography. Students also learn about some of the most respected professional photographers in history and how to critique photographs in order to better understand what creates an eye-catching photograph. Photography 1 and 2 is also part of the CTE pathway in Art, Media and entertainment. It is part of the photography pathway. *This course satisfies the high school VAPA graduation requirement and satisfies the "f" UC requirement.*

Music Appreciation A/B-P

Credits: 5 each

Level: 9th -12th grade

Prerequisites: None

Music Appreciation introduces you to the elements of music and musical notation. It also teaches you about the history and progression of music from ancient times to the modern classical period. It will expose you to the evolution of American folk music, and other musical forms of the Twentieth Century, such as Ragtime, Jazz, Swing, Creole, Blues, Pop, Rock and Roll, and Rock music. It will go over the influence of music on society and culture, relationship between music and other art forms, and the role of music in advertising and the electronic media. Then it discusses various compositional and expressive devices, and methods of evaluating concerts as well as career paths in music, including performing, composing, producing, and arranging. *This course satisfies the high school VAPA graduation requirement and satisfies the "f" UC requirement.*

Fashion and Interior Design A/B-P

Credits: 5

Level: 9th -12th grade

Prerequisites: None

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you'll explore what it is like to work in the industry by exploring

career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field. *This course satisfies the high school VAPA graduation requirement and satisfies the "g" UC requirement.*

Independent Study VAPA

Credits: 5

Level: 9th - 12th grades

Prerequisites: by approval only, may be repeated for credit

Independent Study VAPA is designed for students who are receiving formal visual and performing arts training in Art, Drama and Music outside of San Diego Virtual School. Students must provide original performance samples like music recording, playbill or art class samples.

Physical Education

Physical Education CORE

Credits: 5

Level: 9th - 12th grades

Prerequisites: None

This course's three units include Getting Active, Improving Performance, and Lifestyle. Unit activities elevate students' self-awareness of their health and well-being while examining topics such as diet and mental health and exploring websites and other resources. In addition to being effective as a stand-alone course, the components can be easily integrated into other health and wellness courses.

PE- Fall and Spring

Credits: 5 each

Level: 9th - 12th grades

Prerequisites: None

May be repeated for credit

The emphasis for this class is to allow students to explore physical activities that they plan to pursue for recreation after graduation. Students will have the opportunity to participate in activities of their choice and submit daily logs.

Language Other Than English (L.O.T.E)

Spanish 1A/B -P

Credits: 5 each

Level: 9th - 12th grades

Prerequisites: None

Spanish is the most spoken non-English language in U.S. homes, even among non-Hispanics, according to the Pew Research Center. There are overwhelming cultural, economic, and demographic reasons for students to achieve mastery of Spanish. Spanish 1A and B engage students and use a variety of activities to ensure student engagement and to promote personalized learning. These courses can be delivered completely online, or implemented as blended courses, according to the unique needs of the teacher and the students. *This course satisfies the high school LOTE graduation requirement and satisfies the “e” UC requirement.*

Spanish 2A/B-P

Credits: 5 each

Level: 9th - 12th grades

Prerequisites: Spanish 1

Spanish 2A and B utilize three assessment tools that are designed specifically to address communication using the target language: Teacher Graded Activities, Practice Worksheets and Discussions. These tools help ensure language and concept mastery as students grow in their understanding and use of Spanish. Learning games specifically designed for language learning are used and can be accessed on a wide variety of devices. *This course satisfies the high school LOTE graduation requirement and satisfies the “e” UC requirement.*

Spanish 3A/B-P

Credits: 5 each

Level: 9th - 12th grades

Prerequisites: Spanish 1 and 2

Students in Spanish 3 will continue to develop the basic linguistic skills acquired in the second year. The development of oral and listening proficiency will be further pursued, placing increased emphasis on reading, writing and speaking skills. Students will be required to engage in more direct use of the language as a means of communication. *This course satisfies the high school LOTE graduation requirement and satisfies the “e” UC requirement.*

Electives

San Diego Virtual School is pleased to offer students career technical education pathways to enhance their academic journey and let them experience courses that they may be interested in pursuing as a career after high school. Although these classes can be taken out of sequence, it is strongly recommended to complete them in order.

Art, Media and Entertainment Pathway

Are you creative? Students with a passion for drawing, painting, music or performing would like to take a class in this pathway. Students who chose professions in this industry will enjoy creating to enhance the quality of life for other people around them.

Business and Finance Pathway

Are you interested in learning about finances? The finance pathway will teach you about money and how it applies to business. This pathway has occupations that manage and implement policy and strategy for an organization's capital structure, budgeting, acquisition and investments.

Education and Child Development Pathway

Love children? The education and child development pathway teaches students about the skills and knowledge they need to be successful in working with children. Students will be prepared to work with young children or be a teacher.

Health Science and Medical Tech

The Health science and Medical technology pathway focuses on careers in the medical field. Students might like to work with health care agencies, patient records, medical billing or do the Certified Nurse's Aide pathway where they can start preparing for the CNA test.

Hospitality and Tourism Pathway

Students who are interested in working in a restaurant or for the hospitality industry would enjoy classes in this pathway. The Culinary Art pathway will prepare students to take the ServSafe test and be ready to work in a restaurant. Students in the hospitality sector will learn about tourism, working in the hotel industry and cruiseships.

Information and Communication Tech

Enjoy computers and working with rapidly emerging and evolving computers? Information and Communication Technologies (ICT) study computer, software, networking, telecommunications, Internet, programming, and information systems.

Marketing Sales and Service Pathway

Learn how to own your own business and market your products for the consumers. This pathway will show you how to advertise and promote products and package them for the consumers.

Public Service

Like helping people? A career in public service would give you the opportunity to protect and serve. Our criminal justice pathway focuses on the criminal justice system. Forensic science pathway looks at crime scenes and evidence found there.

Recommended Career Discovery Classes

Unsure what you want to be when you grow up...take one of our career exploration classes to help you identify what skills you have and what your interests

Career Exploration 9/10

Credits: 5

Level: 9th-10th grade

Prerequisites: None

This one semester course allows students to explore career clusters and pathways that will help them determine the academic and skill requirements for these different post secondary options. This course will also guide students through the process of creating an academic and career plan based on their interests, abilities, and life goals.

Career Exploration 11/12

Credits: 5

Level: 11th-12th grade

Prerequisites: None

Career Exploration is a course that will help students answer the questions “What do I want to do when I grow up? It will allow juniors and seniors the opportunity to learn about what career path might be a good option for them based on their skills and aptitude. Students will take assessments that cover their interests and skills and help them gather careers and schools that suit their needs for their post-secondary experience. The course also covers job interview skills and requires students to create a résumé and a cover letter for applying for an entry-level job in their chosen career.

Career Essential Skills

Credits: 5

Level: 9th-12th grade

Prerequisites: None

Career Essential Skills is a course that covers the skills that are required to achieve success in modern-day careers. This course will cover essential career skills such as positive work ethics, teamwork, conflict resolution, effective speaking and listening, health and safety, and information technology.

Art, Media and Entertainment Pathway **Photography Pathway**

Photography 1/2-P

Credits: 5 each

Level: 9th -12th grade

Prerequisites: None

Digital Photography focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students use basic techniques of composition and camera functions to build a personal portfolio of images, capturing people, landscapes, close-ups, and action photographs. They will also examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas in which professional photographers may choose to specialize, such as wedding photography and product photography. Students also learn about some of the most respected professional photographers in history and how to critique photographs in order to better understand what creates an eye-catching photograph. *This course satisfies the high school VAPA graduation requirement and satisfies the “f” UC requirement.*

Photography 3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Photography 1/2

This is the third class in the Art, Media and Entertainment pathway to give students a practical, hands-on guide to help you understand the skills required to be a professional photographer. Photo 3 will cover various topics in photography, such a history of photography, types of photography, types of camera, camera support equipment, types of camera lenses, exposure, lighting setups, rules of composition, color photography, storing and manipulating images, copyright laws and fair use, and printing photos. *This course satisfies one semester of the “g” UC requirement.*

Photography 4 (Capstone)-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Photo 1/2/3

Photography 4 continues the study of advanced photography techniques. This course is also the capstone course that will allow students in the field of photography to gain first hand experience about being a professional photographer. Students will develop a photography portfolio and work with a professional photographer. *This course satisfies one semester of the “g” UC requirement.*

Audio/Video Pathway

Audio/Video 1/2-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

Audio Video 1 teaches students to understand the skills required to be part of the video production industry. This course covers various topics in audio video production, such as camera techniques, audio techniques, lighting techniques, editing, and video assembly. Audio Video 2 will cover the various activities performed during every stage of audio video production to include creating scripts for radio, television and film. You will learn about technical requirements such as the different types of equipment used for recording and editing audio as well as developing a production budget and handling the ethical and legal issues of an audio/video project. *This course satisfies the high school VAPA graduation requirement and satisfies the “g” UC requirement.*

Audio/Video 3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Audio/Video 1/2

Audio Video 3 will cover various advanced pre production, production, and post production techniques. It explores the different activities performed during each stage. It also covers advanced lighting and editing techniques and discusses equipment management, set design, and audio mixing techniques. *This course satisfies the “g” UC requirement.*

Audio/Video 4 (Capstone)

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Audio/Video 1/2/3

Students who complete Audio Video 1/2/3 are eligible to take the Capstone course where they will get hands on experience in the field.

Business and Finance Pathway

Finance 1-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This one semester course is an introduction of finance course designed to enable students at high school level to develop financial skills that they can use in their careers in business organizations. The course introduces learners to a variety of topics, including investment strategies, money management, asset valuation, and personal finance. The course helps students develop technical knowledge and skills needed for success in the finance industry. *This course satisfies one semester of the “g” UC requirement.*

Finance 2-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Finance 1

This course will cover the needs for technology in business organizations and how businesses use the Internet, databases, and emerging technologies. It will also cover careers in Business Information Management. Finally, it will discuss using the Internet as well as the security concerns and ethics of its use. *This course satisfies one semester of the “g” UC requirement.*

Finance 3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Finance 1/2

This course will focus on accounting and allow students to familiarize with the basics of accounting and to help you understand the accounting functions specific to different kinds of businesses. This course also covers the fundamentals of bookkeeping and financial statements. *This course satisfies one semester of the “g” UC requirement.*

Finance 4 (Capstone)-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Finance 1/2/3

Finance 4 will cover the accounting functions of different business types and the specialized accounting tasks related to them. It will also focus on careers in accounting and the essential interpersonal and workplace skills required as a professional in the field of Accounting. In this capstone course, students will also work with an industry professional to help develop additional skills in this field. *This course satisfies one semester of the “g” UC requirement.*

Education and Child Development Pathway

Education 1-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This introduction class will focus on child development. It is a one-semester course intended to help you familiarize yourself with various aspects of child development as well as the factors that obstruct the healthy development of a child. In this course, you will learn about the stages of pregnancy, human growth and development at various stages, and health and safety issues related to children. You will also learn about positive parenting skills and explore career opportunities in child care. *This course satisfies one semester of the “g” UC requirement.*

Education 2-P

Credits: 5

Level: 9th-12th grade

Prerequisites: Education 1

Education 2 will focus on the early childhood education stages in children. Children experience enormous changes in the first few years of their lives. They learn to walk, talk, run, jump, read and write, among other milestones. Caregivers can help infants, toddlers, and children grow and develop in positive ways. This course is for students who want to influence the most important years of human development. In the course, students learn how to create fun and educational environments for children; how to keep the environment safe for children; and how to encourage the health and well-being of infants, toddlers, and school-aged children. *This course satisfies one semester of the “g” UC requirement.*

Education 3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Education 1/2

This course is designed to enable all students at the high school level to learn the basics of education and training. Students will learn about the various trends and factors that influence the education industry. This course introduces various career opportunities in the field of education. The units in this course include personal and professional skills needed in various education careers, child growth and development, child health, delivering instruction, and technology in education. *This course satisfies one semester of the “g” UC requirement.*

Education 4 (Capstone)

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Education 1/2/3

Students who complete Education 1/2/3 are eligible to take the Capstone course where they will get hands on experience in the field of education.

Health Science and Medical Tech Pathway

Health Science Pathway

Health 1-P

Credits: 5

Level: 9th - 12th grades

Prerequisites: None

Everyone needs to take care of their body, but we aren't necessarily born with the knowledge of how to go about it. It's important to invest time and energy into understanding what it means to be healthy. There are many activities you can engage in which are dangerous for your long-term health, so you need to know how to identify and avoid these activities. It's also important to identify lifestyles which will lead to a longer, more enjoyable life. This course will guide you through lifestyle choices you will make which will ultimately impact your life in meaningful ways. Health 1 meets the California health requirement. *This course satisfies one semester of the "g" UC requirement.*

Health 2/3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Health 1

This two semester class focuses on health sciences. This course is designed to enable all students at the high school level to develop the critical skills and knowledge necessary in the health services industry. Students will learn about different careers in health care. *Each course satisfies one semester of the "g" UC requirement.*

Health 4 (Capstone)

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Health 1/2/3

Students who complete Health 1/2/3 are eligible to take the Capstone course where they will get hands on experience in the field.

Certified Nurse's Aide Pathway

Certified Nurse's Aide 1/2/3/4-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Health

This four semester course is designed to introduce you to the topics that you must learn to take the competency evaluation to become a certified nurse aide. The course will provide you with the knowledge and skills you need to perform your duties as a nurse aide. Nurses Aide 1 will explain how to communicate, work in a team, and be culturally competent when working as a nurse aide and will introduce you to medical terminology, abbreviations, acronyms, symbols, and body structure and directional terminology, which will help you communicate accurately when performing your duties as a nurse aide. Nurses Aide 2 will help you recall the different human body systems. Nurses Aide 3 you will learn basic nursing skills and it will introduce you to different types of clients and how to provide quality care to them. Nurses Aide 4 will cover topics related to infection control, waste management, and cost containment. It will also introduce laws and ethics related to nurse aides and their duties. Students who complete CNA 1/2/3/4 will be prepared to take the CNA exam. CNA 1/2/3 *each satisfies one semester of the “g” UC requirement*

Hospitality and Tourism Pathway

Hospitality Pathway

Hospitality 1-P

Credits: 5

Level: Grades 9-12

Prerequisites: None

Food is fundamental to life. Not only does it feed our bodies, but it’s often the centerpiece for family gatherings and social functions with friends. In this course, you will learn all about food including food culture, food history, food safety, and current food trends. You’ll also learn about the food service industry and try your hand at preparing some culinary delights. Through hands-on activities and in-depth study of the culinary arts field, this course will help you hone your cooking skills and give you the opportunity to explore careers in this exciting industry. This is the introductory class for both the hospitality and culinary arts pathways. *This course satisfies one semester of the “g” UC requirement.*

Hospitality 2/3-P

Credits: 5 each

Level: Grades 9-12

Prerequisites: Hospitality 1

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. *This course satisfies one semester of the “g” UC requirement.*

Hospitality 4 (Capstone)

Credits: 5 each

Level: Grades 9-12

Prerequisites: Hospitality 1/2/3

Students who complete Hospitality 1/2/3 are eligible to take the Capstone course where they will get hands on experience in the field.

Culinary Arts Pathway

Culinary Arts 1-P

Credits: 5

Level: Grades 9-12

Prerequisites: None

Food is fundamental to life. Not only does it feed our bodies, but it's often the centerpiece for family gatherings and social functions with friends. In this course, you will learn all about food including food culture, food history, food safety, and current food trends. You'll also learn about the food service industry and try your hand at preparing some culinary delights. Through hands-on activities and in-depth study of the culinary arts field, this course will help you hone your cooking skills and give you the opportunity to explore careers in this exciting industry. *This course satisfies one semester of the "g" UC requirement.*

Culinary Arts 2/3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

This course is designed to enable all students at the high school level to learn the basics of culinary arts. Students will trace the origin and development of the culinary arts. They will also discuss important contributions made by chefs, notable culinary figures, and entrepreneurs. They will analyze how trends in society influence trends in the food service industry. In addition, they will examine the social and economic significance of the food service industry. This course also covers topics in health, safety, sanitation, culinary skills, and more. *This course satisfies one semester of the "g" UC requirement.*

Culinary Arts 4 (Capstone)

Credits: 5

Level: 9th-12th grade

Prerequisites: Culinary Art A/B

In Culinary Arts 4, students will get hands on experience in the field. Students will also be provided with the opportunity to take the ServSafe test to help them gain employment in the workforce.

Information and Communication Technology Pathway

Information Technology 1-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This one-semester course focuses on the principles of information technology. It is an introduction to the ICT pathway. It is intended as a practical, hands-on guide to help you understand some of the principle skills of information technology required during your high school education. This course will cover principle concepts, such as basic computer hardware and information system software, desktop publishing, the Internet, privacy and legality in the context of online media, and social networking in the context of professional reach. *This course satisfies one semester of the “g” UC requirement.*

Information Technology 2/3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Information Technology 1

Information Technology 2 and 3 will focus on the CompTIA A+ exam. The goals of these classes are to prepare students to take the A+ exam. This course begins by describing computer hardware parts and peripherals. You will explain network fundamentals, network hardware, and wireless networking. You will describe features of laptop and mobile devices. You will also describe how to troubleshoot issues related to hardware, networks, storage, mobile devices, and printers. CompTIA A+ B is a one-semester course that covers the objectives of the CompTIA A+ 220-902 exam. This course begins by describing Windows operating systems. The course also covers concepts such as virtualization and the cloud. This course helps you identify security threats and describe various prevention methods. You will explain the theory of troubleshooting, and then describe how to troubleshoot operating systems, security problems, and mobile application problems. Students who complete the Comp TIA A+ A and B courses will be prepared to take the A+ exam. *This course satisfies one semester of the “g” UC requirement.*

Information Technology 4 (Capstone)

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Information Technology 1/2/3

Once a student has taken Information Technology 1/2/3, he or she is ready to take the Comp TIA A+ certification exam. This exam certifies entry-level PC computer service technicians in installing, maintaining, customizing and operating personal computers.

Marketing Sales and Service Pathway

Marketing 1/2-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

Do you dream of owning your own business? This course can give you a head start in learning about what you'll need to own and operate a successful business. Students will explore and understand the roles and attributes of an entrepreneur, marketing and its components, selling process, and operations management. This course discusses entrepreneurship and the economy, marketing fundamentals, managing customers, production and operations management, money, and business law and taxation. *This course satisfies one semester of the "g" UC requirement.*

Marketing 3-P

Credits: 5

Level: 9th-12th grade

Prerequisites: Marketing 1/2

This one-semester course is intended to help you learn about the scope and importance of marketing, advertising, and sales in a business. This class will cover topics like essential marketing principles, interactive tools and channels, and the growing impact of data in marketing and advertising to help students learn how to be successful in a digital environment. *This course satisfies one semester of the "g" UC requirement.*

Marketing 4 (Capstone)-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Marketing 1/2/3

This course will focus on the field of sports, entertainment, and recreation marketing. This course covers fundamental concepts in sports, entertainment, and recreation marketing. It also covers essential skills related to advertising, sponsorship, and marketing campaigns. In addition, the course covers crucial workplace skills, such as teamwork and leadership skills. *This course satisfies one semester of the "g" UC requirement.*

Public Service Pathway **Criminal Justice Pathway**

Criminal Justice 1-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

Introduction to Criminal Justice is a one-semester course intended to help you familiarize yourself with various aspects of the criminal justice system. Students will learn about the history and goals of the criminal justice system as well as the parts and functions of the criminal justice system. You will also be able to understand the difference between state and federal laws and understand the elements of civil and criminal law and how these differences are seen at trial. The Juvenile Justice System and the various programs and agencies involved are also reviewed. Students will also be able to understand the difference between local, state and federal correctional systems as well as understand the rights of

inmates and the duties and responsibilities of correctional officers. *This course satisfies one semester of the “g” UC requirement.*

Criminal Justice 2/3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Criminal Justice 1

In today’s society, crime and deviant behavior are often one of the top concerns of society members. From the nightly news to personal experiences with victimization, crime seems to be all around us. In this two semester course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system. *This course satisfies one semester of the “g” UC requirement.*

Criminal Justice 4-(Capstone)-P

Credits: 5

Level: 9th-12th grade

Prerequisites: Criminal Justice 1/2/3

This one-semester course is intended to familiarize students with the different career opportunities in the criminal justice system. The course will help identify the prerequisites for job entry into the criminal justice system and well discuss ethics as it relates to the criminal justice system. People skills in criminal justice will also be covered to include learning strategies for working well with others and planning solutions for situations that require crisis management and conflict resolution. *This course satisfies one semester of the “g” UC requirement.*

Forensic Science Pathway

Forensic Science 1-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

In Introduction to Forensic Science, you will learn about the importance and limitations of forensic science and explore different career options in this field. You will also learn to process a crime scene, collect and preserve evidence, and analyze biological evidence such as fingerprints, blood spatter, and DNA. Moreover, you will learn to determine the time and cause of death in homicides and analyze ballistic evidence and human remains in a crime scene. *This course satisfies one semester of the “g” UC requirement.*

Forensic Science 2/3-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Forensic Science 1

Forensic Science 2 will expose students to crime scenes and the various types of evidence that can be collected from a crime scene. The course will include information on firearms and different types of tool marks, what can be learned from human remains, how DNA evidence is collected, and special cases like arson and explosions. Forensic Science 3 will continue to provide students with more in depth knowledge of how forensic science can tackle difficult items found at crime scenes. This course will discuss drug evidence, how to detect a forged document, forensic toxicology and how paint, soil and other trace evidence can be detected and tested. *This course satisfies one semester of the “g” UC requirement.*

Forensic Science 4 (Capstone)-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: Forensic Science 1/2/3

Forensic Science 4 exposes students to various facets of forensic science that are not as often explored. This course covers forensic entomology and anthropology, digital evidence and the future of forensic science. In this capstone course, students will also work with an industry professional to help develop additional skills in this field.

Additional Electives

Architecture and Construction-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

This interactive course empowers students with the knowledge to appreciate and evaluate career opportunities in architecture and construction. With an emphasis on developing critical thinking skills, this course includes a variety of activities as students learn about structures and loads, materials and costs, urban design, and other aspects of these fascinating career opportunities. This course will help build a solid foundation for their career options. *This course satisfies one semester of the “g” UC requirement.*

Artificial Intelligence-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This course is designed to help a student understand the evolution of Artificial Intelligence and its scope in the future. This course also describes how AI is used in fields such as games, speech recognition and

computer vision. You will learn about the different types of intelligent agents and their environments. *This course satisfies one semester of the “g” UC requirement.*

Computer Literacy A/B-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

Computer Literacy is a practical, hands-on course to help you understand some of the computer skills required during your high school education or when pursuing a career. This class will cover basic computer hardware and software and productivity applications such as word processing software, spreadsheet software, and presentation software. This course also covers the Internet and emerging technologies. *This course satisfies one semester of the “g” UC requirement.*

Cosmetology

Credits: 5

Level: 9th-12th grade

Prerequisites: None

Interested in a career in cosmetology? This course provides an introduction to the basics of cosmetology. Students will explore career options in the field of cosmetology, learn about the common equipment and technologies used by cosmetologists, and examine the skills and characteristics that make someone a good cosmetologist. Students will also learn more about some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other cosmetology related businesses.

Creative Writing-P

Credits: 5

Level: 11th-12th grade

Prerequisites: None

Creative writing will help you learn and sharpen your skills as a creative writer. The course describes the process of and motivations for creative writing and answers basic questions about creative writing. (“What makes for a budding creative writer?” “What strengths should I build on to become one?” “Where should I look for ideas?”). You will learn about the scope of creative writing and its genres. You will also look at prose and poetry and explore the elements of fiction, stage, film and TV. The last portion introduces you to the publishing industry—the way it works and the way you should approach it. You will also learn about marketing and promotion planning for your work. *This course satisfies one semester of the “g” UC requirement.*

Drafting and Design-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This one-semester course is intended to help you familiarize yourself with various aspects of drafting

and design. This course covers the fundamental concepts of drafting and design, types of drafting tools, drafting conventions, sketching and drawing techniques, types of views and projections, and basic computer-aided design and drafting (CADD) operations. *This course satisfies one semester of the “g” UC requirement.*

Game Development-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

Are you a gamers? This course will teach the ins and outs of game development to prepare you for a career in the field. This course will cover the history of video games, character development, mobile game design, user interface design, social gaming, or the principles of development design and methodologies. *This course satisfies one semester of the “g” UC requirement.*

Gothic Literature-P

Credits: 5

Level: 11th-12th grade

Prerequisites: None

From vampires to ghosts, frightening stories have influenced fiction writers since the 18th century. This course focuses on the major themes found in Gothic literature and demonstrates how core writing drivers produce thrilling psychological environments for the reader. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction. *This course satisfies one semester of the “g” UC requirement.*

Introduction to Anthropology-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This one-semester course is intended as a practical class to help you understand how cultures affect the human population. Students look at cultures around the world and the role individuals play in society. *This course satisfies one semester of the “g” UC requirement.*

Introduction to Astronomy-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This one-semester course is intended as a practical, hands-on guide to help you understand the formation of the solar system, unique features of planets, reasons for life on Earth, properties of stars and their

evolution, characteristics of the Milky Way, types of galaxies, theories of cosmology, and advantages of space exploration. *This course satisfies one semester of the “g” UC requirement.*

Introduction to Cybersecurity-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This one-semester course is intended as a practical, hands-on guide to help you understand how to keep your computer and files safe in the digital world. It looks at current threats, hacking and other computer related issues facing people today. *This course satisfies one semester of the “g” UC requirement.*

Introduction to Marine Biology-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

In the Introduction to Marine Biology course you will explore the fundamental concepts of marine biology. You will learn about the formation and characteristic features of the oceans. You will also learn about the scientific method and explore careers available in marine biology. The course will introduce you to the characteristic features of different taxonomic groups found in the ocean. You will learn about the different habitats, life forms, and ecosystems that exist in the oceans and explore the different types of adaptations marine creatures possess to survive in the ocean. You will learn about succession and the flow of energy in marine ecosystems. Finally, you will also learn about the resources that the oceans provide and the threats that the oceans face from human activities. *This course satisfies one semester of the “g” UC requirement.*

Introduction to Social Media-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

Introduction to Social Media is intended as a practical, hands-on guide to help you understand the world of social media and how individuals, social groups, and businesses are using different types of social media. Students will discuss various types of social media and the technologies that spawned them. The course will take a closer look at different types of social media—from social and professional networks to geolocation and photo-sharing services and discuss how technological advances (specifically in mobile devices) and the legal environment impact social media and how businesses use social media in their marketing activities. *This course satisfies one semester of the “g” UC requirement.*

Introduction to Veterinary Sciences-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

In the Introduction to Veterinary Science course, you will explore the history of veterinary science, and the skills and requirements for a successful career in the veterinary industry. You will also explore the physiology and anatomy of animals, learn how to evaluate their health, and determine effective treatment for infectious and noninfectious diseases. Additionally, you will learn about zoonotic diseases, and the impact of toxins and poisons on animal health. *This course satisfies one semester of the “g” UC requirement.*

Law and Safety A/B-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

This course covers the history and development of criminal law in the United States, court procedures, the role of law enforcement agencies and private security in public safety, and the role of firefighters and emergency responders. It also covers the ethical and legal responsibilities and working conditions in law enforcement and security. This course helps students learn about careers that make a powerful impact in all of our lives. From criminal law to every phase of the trial process, the course moves on to include lessons on the correctional system and the implications of legal ethics and the constitution. *Each course satisfies one semester of the “g” UC requirement.*

Mythology and Folklore-P

Credits: 5

Level: 10th-12th grade

Prerequisites: None

This course describes myths, legends and folklore. It also discusses the role of gods and goddesses in the creation of the world, the natural elements and the destruction of the world. It will discuss the tricksters in myth, legend and folklore. *This course satisfies one semester of the “g” UC requirement.*

Nutrition and Wellness-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This course will cover basic knowledge about nutrition and wellness such as basic concepts of nutrition, the digestive and metabolic processes, nutrient requirements, dietary guidelines, importance of physical fitness, community health issues, food managements, and careers in the field of nutrition and wellness. *This course satisfies one semester of the “g” UC requirement.*

Personal Finance A/B-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

How do personal financial habits affect students' financial futures? How can they make smart decisions with money in the areas of saving, spending, and investing? This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students learn about topics such as taxation, financial institutions, credit, and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft. *This course satisfies one semester of the "g" UC requirement.*

Principles of Engineering and Technology-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

This one-semester course is intended to help you familiarize yourself with engineering systems and technologies. This course will cover the evolution of engineering and technology, engineering systems and technologies and manufacturing and safety. *This course satisfies one semester of the "g" UC requirement.*

Psychology A/B-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

Self-knowledge is the key to self-improvement. More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self-discovery. Sample topics include the study of infancy, childhood, adolescence, perception and states of consciousness. Topics also include the study of memory, intelligence, emotion, health, stress and personality. *This course satisfies one semester of the "g" UC requirement.*

Real World Parenting

Credits: 5

Level: 9th-12th grade

Prerequisites: None

What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. Students learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are other topics covered in this course.

Robotics A/B-P

Credits: 5 each

Level: 9th-12th grade

Prerequisites: None

This two-semester course is intended for students who are interested in learning about robotics and the role robots play in society. It investigates careers in the field as well as look at where this field is going in the future. *This course satisfies one semester of the “g” UC requirement.*

Service Learning Project-Packet

Credits: 5

Level: 9th-12th grade

Prerequisites: None

May be repeated for credit

The Service Learning Project course introduces students to the idea of serving their local communities. Students are asked to identify needs in their communities and then design projects around solutions for those needs. Students will participate in community service, volunteer work, or another service learning experience of their choice in order to address the needs they identified. They are encouraged to explore possible career paths as well as assess their own strengths and weaknesses in a variety of areas. Finally, students will reflect on their experiences and discover how to apply them to other areas of their lives, including their academics. *To get credit for this course, students must participate in community service, volunteer work, or other service learning activity for a total of 40 hours.*

Social Issues-P

Credits: 5

Level: 11th-12th grade

Prerequisites: None

Social issues affect everyone—they are issues which revolve around governmental policy and enforcement of laws on the civilian population. These laws and policies can have any number of significant outcomes. They can protect minorities and women from discrimination, regulate drug use, give aid to the poor, provide guidelines for education, and much more. Social issues are often controversial and debated, so having the ability to form an educated opinion on them is an important part of your citizenship. *This course satisfies one semester of the “g” UC requirement.*

Sociology-P

Credits: 5

Level: 9th-12th grade

Prerequisites: None

You will explore the evolution of sociology as a distinct social science, learn about sociological concepts and processes, and discuss how the individual relates to society. You will also learn about the influence of culture, social structure, socialization, and social change in today's society. *This course satisfies one semester of the “g” UC requirement.*

Web Technologies A/B-P

Credits: 5 each
Level: 9th-12th grade
Prerequisites: None

This course takes students inside the essentials of web design and helps them discover what makes a site truly engaging and interactive. Lessons such as Elements of Design, Effects of Color, and Typography help them understand the elements of effective and dynamic web design. The course covers the basics of HTML, CSS, and how to organize content, and helps to prepare them for a career in web design. *This course satisfies one semester of the “g” UC requirement.*

Women’s Studies-P

Credits: 5
Level: 10th-12th grade
Prerequisites: None

Women’s studies is a course that is designed to help you understand the concepts of gender and gender roles, and the social discrimination that exist on the basis of gender. You will learn about the history of feminism and the feminist theories. You will explore the role of the media in reinforcing gender stereotypes. The course ends with a discussion on the possible challenges in the path toward creating an equal society. *This course satisfies one semester of the “g” UC requirement.*

Career Credit Recovery Courses

San Diego Virtual School offers credit recovery courses for 11th and 12th graders who are behind in credits and not on track for graduation with their graduating class. The counselor, teacher, student and parent/guardian should discuss the option of credit recovery if applicable. These courses are modified and will be denoted on the student's transcript with a CR. These courses are not to be used to improve a student's GPA. Students wishing to enter the military should speak with their recruiter regarding credit recovery courses. Students interested in applying directly to a four -year university should meet with their Counselor prior to enrolling in a CR course. CR courses do not meet the UC a-g requirements. The NCAA does not accept CR courses for collegiate sports eligibility; therefore completion of required courses through credit recovery may negatively affect a student's eligibility for collegiate sports. Each course is 5 credits. Please see course descriptions in the catalog for each course.

Language Arts (40 credits)

CR-English 1A
CR-English 1B
CR-English 2A
CR-English 2B
CR-English 3A
CR-English 3B
CR-English 4A
CR-English 4B

Sciences (20 credits; 10 Biological and 10 Physical Science)

CR-Biology A
CR-Biology B
CR-Physical Science A
CR Physical Science B
CR-Earth Science A
CR-Earth Science B
CR-Environmental Science A
CR-Environmental Science B

Physical Education (20 credits)

Mathematics (30 credits; must include Algebra 1)

CR- Math Fundamentals A/B
CR- Accuplacer Math A/B
CR- Algebra 1A, 1B
CR- Geometry Readiness A, B
CR- Consumer Math A, B

Social Studies (30 credits)

CR-World History A
CR-World History B
CR-US History A
CR-US History B
CR-American Govern.
CR-Economics

VAPA/LOTE (10 credits)

Art 1A, 1B

Digital Photography A/B

Music Appreciation A/B

Fashion Design A/B

Spanish 1/2

**Four Year Planning Guide for Graduation and Community College
Career Diploma**

For our junior and seniors who qualify for our credit recovery career diploma, please be sure that a minimum total of 200 academic credits are completed for graduation. Students must complete 200 credits to graduate and it is recommended that a student enroll in at least 30 credits per semester. A student must be enrolled in at least 30 San Diego Virtual credits per semester unless their credits for graduation are less than 30.

	9 th	10 th	11 th	12 th	Total required for SDVS graduation
Social Studies		World History	US History	Am. Govt/ Economics	30
English	English 1	English 2	English 3	English 4	40
Mathematics	Algebra Readiness or Algebra 1/Integrated Math 1 or Geometry	Algebra 1/Int. Math 1 or Geometry or Algebra 2 or Integrated Math 2	Algebra 1 or Geometry or Algebra 2, (Or Integrated series)Consumer math or Pre Calculus	Algebra 1 or Geometry or Algebra 2 or Pre Calculus or Calculus or Consumer Math	30
Science	Earth/Space Science	Biology	Chemistry	Environmental Science	20 [10 in biological science and 10 in physical science]
Visual Perform. Arts/ LOTE	Student can select a language or one of our Visual and Performing Art classes				10
	Spanish 1 or VAPA	Spanish 2 or VAPA			
Electives	Students can select from our large selection of electives to satisfy the 50 credits needed for graduation.				50
	2 electives (recommended health and comp lit)	2-4 electives	2-4 electives	2-4 electives	

PE	20 credits of PE required for graduation; additional PE will count toward elective credits.				20
Total Credits required for graduation					200