



Accredited by Western Association of Schools and Colleges

# **High School Course Catalog**

**2017-2018**  
**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. Should you need any additional information regarding courses offered at San Diego Virtual School, please contact your student's teacher. Courses may be modified or cancelled at the discretion of the administration.

## **General Information**

**Prerequisites:** Many of 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 what prerequisite is required for a particular course.

**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.

**Attendance:** San Diego Virtual students must complete assignments daily to be considered in attendance. Absences or lack of school work should be avoided whenever possible.

**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 only receive 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](http://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 Requirements	Track 2 <u>SDVS graduation</u>  PLUS	Track 3 <u>SDVS Graduation</u>  PLUS
<b>A full-time student must be enrolled in a minimum of 20 credits per semester and grade level career class.</b>	All SDVS must pass the California High School Exit Examination prior to graduation, in addition to meeting the following course requirements:	<b>CSU Requirements for Freshman Admission [all courses should be chosen from UC-approved "a-g" list]</b>	<b>UC Requirements for Freshman Admission [all courses must be chosen from UC-approved "a-g" list] Minimum GPA = 3.0</b>
<b>a - Social Science</b>	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. <b>(30 credits)</b>	Two years, including one year of U.S. history or U.S. history and government and one year of other approved social science. <b>(20 credits)</b>	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. <b>(20 Credits)</b>
<b>b - English</b>	Four years of approved courses <b>(40 credits)</b>	Four years of approved courses <b>(40 credits)</b>	Four years of approved courses <b>(40 credits)</b>

<b>c - Mathematics</b>	Two years, including Algebra I. <b>(30 credits)</b>	Three years, including algebra, geometry, and intermediate algebra. <b>(30 credits)</b>	Three years, including algebra, geometry, and intermediate algebra. <b>(30 credits) four years rec.]</b>
<b>d - Science</b>	Two years, including biological and physical sciences. <b>(20 credits)</b>	Two years, including one year of biological science and one year of physical science with lab. <b>(20 credits)</b>	Two years with lab required, chosen from biology, chemistry, and physics. <b>(20 credits) [Three years recommended]</b>
<b>e - Language Other than English</b>	One year of either  Language Other Than English  or  Visual/Performing Arts <b>(10 credits)</b>	Two years of the same Language Other Than English. [Waiver possible thru examination.] <b>(20 credits)</b>	Two years of the same Language Other Than English. Courses in languages other than English taken in the 7th and 8th grades may be used to fulfill part of this requirement if accepted as equivalent to SDVS courses. <b>(20 credits) [3 years recommended]</b>
<b>f - Visual &amp; Performing Arts</b>		A single yearlong approved arts course from a single VPA discipline: dance, drama/theater, music or visual art. <b>(10 credits)</b>	A single yearlong approved arts course from a single VPA discipline: dance, drama/theater, music or visual art. <b>(10 credits)</b>
<b>g - Electives</b>	• <b>70 credits</b>	One year (equivalent of two semester courses) required; <u>must</u> be chosen from "a-g" list. <b>(10 credits)</b>	One year (equivalent of two semester courses) required; <u>must</u> be chosen from "a-g" list. <b>(10 credits)</b>
<b>Phys. Educ.</b>	Two years <b>(20 credits)</b>		
<b>Total Credits</b>	<b>220</b>		

## Four Year Planning

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.

	<b>9<sup>th</sup></b>	<b>10<sup>th</sup></b>	<b>11<sup>th</sup></b>	<b>12<sup>th</sup></b>	Total required for SDVS graduation
Social Studies		World	US History	Am. Govt/	30

(a)		History		Economics	
English (b)	English 1	English 2	English 3	English 4	40
Mathematics (c)	Algebra 1 or Geometry	Algebra 1 or Geometry or Algebra 2	Algebra 1 or Geometry or Algebra 2, 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		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 Art 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 \*

2017-2018

[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  
Geometry  
Algebra 2  
Intro to Prob/Stats  
Pre-Calculus  
Calculus

## d-LABORATORY SCIENCE

Biology  
Chemistry

## 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  
Intro to Fiance  
Intro to Forensic Science  
Gothic Literature  
Human Service  
Psychology  
Sociology

\*Please visit <https://hs-articulation.ucop.edu/agco/urserlist#/list/details/1894/> 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 performed onsite. Courses in the course

catalog denoted with a “- P” are UC “a-g” approved courses. Please see [www.ucdoorways.com](http://www.ucdoorways.com) to verify all SDVS courses for UC “a-g” approval.

Students wishing to take UC “a-g” qualifying science and art classes will need to attend the required onsite science lab or art lab.

## 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.
- Biology, Chemistry, Earth 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>

Official web site of the NCAA sports

### Need extra assistance, please contact:

Academic Dean of Students

Heidi Bridges

619-713-7271

[hbridges@sdvirtualschools.com](mailto:hbridges@sdvirtualschools.com)

bpowell@sdvirtualschools.com

Jennifer Calderon-Mendenhall  
jmendenhall@sdvirtualschools.com

Clint McVay  
cmcvay@sdvirtualschools.com

School Counselors  
Brittanni Powell

# 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: 9<sup>th</sup> grade

English I introduces the elements of writing poems, short stories, plays, and essays. Grammar skills are enhanced by the study of sentence structure and style and by student composition of paragraphs and short essays. Topics include narration, exposition, description, argumentation, punctuation, usage, spelling, and sentence and paragraph structure.

**English 2A/B-P**

Credits: 10

Level: 10<sup>th</sup> grade

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.

**English 3A/B-P**

Credits: 10

Level: 11<sup>th</sup> grade

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.

**English 4A/B-P**

Credits: 10

Level: 12<sup>th</sup> grade

In keeping with the model established in English 3, these courses emphasize 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.

## **History/Social Science**

**World History A/B-P**

Credits: 10

Level: 10<sup>th</sup> 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.

**U.S. History A/B-P**

Credits: 10

Level: 11<sup>th</sup> 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.

### **American Government-P**

Credits: 5

Level: 12<sup>th</sup> 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.

### **Economics-P**

Credits: 5

Level: 12<sup>th</sup> 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. Satisfies a “g” elective.

## **Mathematics**

### **Pre Algebra A and B**

Credits: 5

Level: 9<sup>th</sup> grade

Prerequisites: by permission only

This course focuses on reviewing and applying arithmetic skills in order to be ready to take Algebra 1. It is designed for a student who needs extra assistance in mastering Algebraic concepts. This course counts as a mathematic elective.

### **Algebra 1A/B -P**

Credits: 10

Level: 9<sup>th</sup> 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.

### **Geometry A/B-P**

Credits: 10

Level: 9<sup>th</sup> - 12<sup>th</sup> 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.

**Algebra 2A/B-P**

Credits: 5  
Level: 10<sup>th</sup> - 12<sup>th</sup> 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.

Prerequisites: none

**Pre-Calculus A/B-P**

Credits: 10  
Level: 9<sup>th</sup> - 12<sup>th</sup> grades  
Prerequisites: Algebra1, Geometry, Algebra 2, Int 1-3

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.

**Calculus A/B**

Credits: 10  
Level: 10<sup>th</sup> - 12<sup>th</sup> 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 anti-differentiation, applications of

integration, inverse functions, and techniques of integration.

### **Probability and Statistics-P**

Credits: 5

Level: 10<sup>th</sup> - 12<sup>th</sup> 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.

### **Consumer Math A/B**

Credits: 5 each

Level: 11<sup>th</sup> - 12<sup>th</sup> grades

Prerequisites: None

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.

### **Accuplacer Math A/B**

Credits: 5

Level: 12<sup>th</sup> grades

Prerequisites: None

This is a two semester course that prepares a student to take the community college Accuplacer test.

## **Science**

### **Earth Science A/B-P**

Credits: 10

Level: 9<sup>th</sup> 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.

**Biology A/B-P**

Credits: 10

Level: 10<sup>th</sup> 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.

**Chemistry A/B -P**

Credits: 10

Level: 9<sup>th</sup> -12<sup>th</sup> 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.

**Environmental Science A/B**

Credits: 10

Level: 9<sup>th</sup> -12<sup>th</sup> grade

Prerequisites: Algebra 1

In Environmental Science, Semester A, you will describe abiotic and biotic factors of an ecosystem. You will describe the importance of biodiversity for the survival of organisms and the importance of the food chain and the food web in the ecosystem. You will learn about ecological interactions and succession. You will discuss the effects of climate change and explore different types of adaptation. Further, you will describe the steps of the water cycle, and discuss how carbon, oxygen, nitrogen, and phosphorous cycle in the global environment. In Environmental Science, Semester B, you will learn about the factors that affect populations. You will explore human population growth and its implications. You will describe the factors that lead to unequal distribution of natural resources on Earth. You will discuss waste management. You will describe different forms of pollution, and explore ways to control pollution. You will explore various nonrenewable and renewable energy sources. Further, you will learn about benefits of environmental policies and identify factors that affect sustainable development. This course satisfies the high school physical science graduation requirement.

## **Visual and Performing Arts**

### **Art 1A/B-P**

Credits: 10  
Level: 9<sup>th</sup> -12<sup>th</sup> grade  
Prerequisites: None

Art 1A will cover the elements of art and Art 1B will cover the principles of design. It requires an onsite lab course as well to satisfy the UC fine art requirement. The course will explore the main concepts of art, expression, and creativity as it helps students answer questions such as what is art; what is creativity; and how and why people respond to art. UC designation for the “f” requirement.

### **Digital Photography 1/2-P**

Credits: 10  
Level: 9<sup>th</sup> -12<sup>th</sup> 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. UC designation for the “f” requirement.

### **Music Appreciation A/B-P**

Credits: 10  
Level: 9<sup>th</sup> -12<sup>th</sup> grade

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. UC designation for the “f” requirement.

### **Art History and Appreciation-P**

Credits: 5

Level: 9<sup>th</sup> - 12<sup>th</sup> grades

Prerequisites: none

Art has played a significant role in every major civilization throughout the history of man. The emergence of different art forms often reflects the values that a civilization deems important: religion, labor, love, political change, or even commerce. Since artwork and cultural values are so closely related, studying art is a compelling way to learn about the people who produced it. UC designation for a “g” elective.

### **Fashion and Interior Design-P**

Credits: 5

Level: 9<sup>th</sup> -12<sup>th</sup> 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. UC designation for a “g” elective.

### **Independent Study Drama**

Credits: 5

Level: 9<sup>th</sup> - 12<sup>th</sup> grades

Prerequisites: by approval only, May be repeated for credit

Independent Study drama is designed for students who are receiving formal theater training outside of San Diego Virtual School and will perform in a performance.

### **Independent Study Music**

Credits: 5

Level: 9<sup>th</sup> - 12<sup>th</sup> grades

Prerequisites: by approval only, May be repeated for credit

Independent Study Music is designed for students who are receiving formal music training outside of San Diego Virtual School.

### **Independent Study Art**

Credits: 5

Level: 9<sup>th</sup> - 12<sup>th</sup> grades

Prerequisites: by approval only, May be repeated for credit

Independent Study Art is designed for students who are completing art outside of San Diego Virtual School.

## **Health and Physical Education**

### **Health-P**

Credits: 5

Level: 9<sup>th</sup> - 12<sup>th</sup> 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. UC designation for a "g" elective.

### **Physical Education CORE**

Credits: 5

Level: 9<sup>th</sup> - 12<sup>th</sup> 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: 10

Level: 9<sup>th</sup> - 12<sup>th</sup> 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: 10  
Level: 9<sup>th</sup> - 12<sup>th</sup> 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.

### **Spanish 2A/B-P**

Credits: 10  
Level: 9<sup>th</sup> - 12<sup>th</sup> grades  
Prerequisites: Spanish 1

Spanish 2A and B utilize three assessment tools that are designed specifically to address communication using the target language: Lesson Activities, Unit Activities, 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.

### **Spanish 3A/B-P**

Credits: 10  
Level: 9<sup>th</sup> - 12<sup>th</sup> 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 and writing skills. Students will be required to engage in more direct use of the language as a means of communication.

## **Electives**

### **Accuplacer-Reading**

Credits: 5  
Level: 11<sup>th</sup> -12<sup>th</sup> grade  
Prerequisites: None

Each unit in the Accuplacer Reading course aligns to one or more topics in the Accuplacer Test. This course focuses on reading strategies and vocabulary skills for literary, informational, and historical texts. In this course, you will find a variety of lessons and activities to enhance your knowledge of these strategies.

### **Accuplacer-Sentence Skills**

Credits: 5

Level: 11<sup>th</sup> -12<sup>th</sup> grade

Prerequisites: None

Each unit in the Accuplacer Sentence Skills course aligns to one or more topics in the Accuplacer Test. This course consists of three units that are designed to enhance your language skills. Each lesson is carefully drafted into sections that explain concepts in an easy-to-understand manner. Activities and tests help you practice what you have learned.

### **Android Mobile App Development**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

This course is designed to introduce students to the process involved in creating a mobile app. Students learn about history of and upcoming trends in mobile app development. They explore career options in mobile app development and describe skills and training required for mobile app development. They also describe the types of apps available in the market. Moreover, they learn about platforms for developing Android mobile apps. Further, they learn about the Android development environment.

### **Architecture and Construction A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> 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 easy-to-manage course will help build a solid foundation for their career options.

### **ASB (onsite class)**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

San Diego Virtual School's Associated Student Body. Join a group of motivated students who would like to build a school culture at SDVS. This course is designed to empower students to become effective leaders both on campus and in their own community. Students will explore various components of what it means to be an effective group member and leader through planning and implementing activities, programs, and events for SDVS. Students are required to

participate in monthly meetings.

### **Career Exploration**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

This one-semester course is intended as a practical, hands-on guide to career exploration and planning. This course has 16 lessons organized into four units, plus four Unit Activities. Each lesson contains one or more Lesson Activities. The course ends with a Course Activity in which you will create two essential components of a career portfolio: a résumé and a cover letter for applying for an entry-level job in your chosen career.

### **Careers**

Credits: 5

Level: 11<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

Students will take assessments that cover the interests and skills and help them gather careers and schools that suit their needs for their post-secondary experience.

### **Child Development and Parenting A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

This course covers fundamental concepts of parenting and child rearing. It also covers essential communication skills related to parent-child interaction. In addition, the course covers workplace skills, such as positive work ethics, integrity, and resource management. It also covers some recent trends in parenting. Course B is intended to help you familiarize yourself with the various stages of child development as well as the factors that obstruct healthy development of a child. It also explains the development, health, nutrition, and safety of children at various stages. In addition, the course covers career opportunities in the field of child care and development.

### **Computer Literacy A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

Computer Literacy is a practical, hands-on course to help you understand some of the computer skills required during your college education or when pursuing a career. The A portion of 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 will cover advanced concepts, such as computer networks, complex operations in spreadsheet and database programs, and the process of creating a website.

### **Cosmetology A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> 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: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Culinary Art A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

The A course covers the history and development of the culinary arts; the basics of nutrition; and health, safety, and sanitation. It covers basic science principles used in cooking and various cooking methods. It also explores the culinary skills required to make a variety of items, ranging from stocks and soups to seafood and poultry to various breads and desserts. The B course covers menu planning, food presentation, and different service styles. It covers the running of food service establishments and kitchen management skills. It explores the personal skills and professional traits needed in the food service industry. It also covers career opportunities and career management skills.

### **Culinary Arts (Packet)**

Credits: 5  
Level: 9<sup>th</sup>-12<sup>th</sup> grade  
Prerequisites: Culinary Art A/B

Like to cook? Students explore and create culinary cuisine. A packet of the student work is created and submitted to his/her teacher.

### **Early Childhood Education-P**

Credits: 5  
Level: 9<sup>th</sup>-12<sup>th</sup> grade  
Prerequisites: None

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.

### **Education and Training A/B**

Credits: 5 each  
Level: 9<sup>th</sup>-12<sup>th</sup> grade  
Prerequisites: None

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.

### **Entrepreneurship-P**

Credits: 5  
Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Gothic Literature-P**

Credits: 5  
Level: 11<sup>th</sup>-12<sup>th</sup> 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.

### **Hospitality and Tourism-P**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

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. Student will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

### **Human Services A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

This course is designed to enable all students at the high school level to develop the critical skills and knowledge necessary in the human services industry. Students will learn about various personal characteristics that they need to demonstrate in the workplace, such as integrity, and positive work ethics. This course covers topics such as employability skills, counseling and mental health services, and consumer services. The course help students prepare for entry into a wide range of careers in the human services field.

### **Introduction to Astronomy-P**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Introduction to Finance**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

This course is designed to enable students at high school level to develop financial skills that they can use during in their careers in business organizations. The course uses games and online discussions to effectively facilitate learning, while introducing your 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.

### **Introduction to Forensics**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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. Finally, you will learn about forensic investigative methods used in arson, computer crimes, financial crimes, and forgeries.

### **Introduction to Marine Biology**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Introduction to Veterinary Sciences**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **IOS Mobile App Development**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

This one-semester course is designed to introduce students to the process involved in creating an app. Students learn about history of and upcoming trends in mobile app development. They explore career options in mobile app development and describe skills and training required for mobile app development. They also describe the types of apps available in the market. Moreover, they learn about various platforms for developing iOS mobile apps. Further, they learn about the iOS development environment.

### **Law, Safety, Corrections and Safety A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

This course help 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.

### **Mythology and Folklore**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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 the myth, legend an folklore.

### **Nutrition and Wellness**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Personal and Family Finance-A/B**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Psychology A/B-P**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> 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. The course features amazing online psychology experiments dealing with our own personal behavior. Topics also include the study of memory, intelligence, emotion, health, stress and personality. This courses features exciting online psychology experiments involving the world around us.

### **Real World Parenting**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Service Learning Project-Packet**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Sociology-P**

Credits: 5

Level: 9<sup>th</sup>-12<sup>th</sup> 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.

### **Web Technologies A/B-P**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> grade

Prerequisites: None

Whether they know it or not, almost all of your students have an interest in web design. This course takes them 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.

### **World Geography A/B-P**

Credits: 5 each

Level: 9<sup>th</sup>-12<sup>th</sup> grade  
Prerequisites: None

World Geography examines a broad range of geographical perspectives. Students will study each region using a similar structure in order to analyze the similarities and differences between each region. Students will understand the meaning of geography through in-depth exploration of the different regions of the world. The themes of geography will guide the exploration of each region (location, place, human-environmental interaction, movement, and region).

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**Credit Recovery Courses**

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San Diego Virtual School offers credit recovery courses for 11<sup>th</sup> and 12<sup>th</sup> 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. In order to be eligible for a credit recovery course, you must have already taken the course and not received any credits for it. 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**

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**

CR-Biology A  
CR-Biology B  
CR-Earth Science A  
CR-Earth Science B

### **Mathematics**

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

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

### **VAPA/LOTE**

Art 1A, 1B  
Spanish

### **Recommended Electives**

Accuplacer  
Art History and Appreciation  
Careers  
Computer Literacy  
Health  
Intro to Finance  
Personal Finance  
Social Issues

### **Social Studies**