

Canyons Virtual High School Summer Course Offerings 2014-15

ARTS	CSD COURSE CODE	USOE COURSE CODE	
-------------	------------------------	-------------------------	--

Art Foundations 1

77020 2010000060

This course provides an introduction to fundamental techniques and concepts of representational and expressive drawing within a variety of media. Emphasis is on object representation, spatial illusion, and the organization of structural relationships in two-dimensional space.

Credits: .50

Basic Digital Photography I

77021 4013000012

Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture that moment that you saw with your eyes? The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition to create art. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

Credits: .50

Basic Digital Photography II

77022 4013000012

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, we will 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, like wedding and product photography. We will also learn more about some of the most respected professional photographers in history, and we will learn how to critique photographs in order to better understand what creates an eye-catching photograph. *Prerequisite: Basic Digital Photography I*

Credits: .50

Music Appreciation

77023 2040000020

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages thorough the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

Credits: .50

CAREER AND TECHNICAL EDUCATION (CTE)	CSD COURSE CODE	USOE COURSE CODE	CIP CODE
---	------------------------	-------------------------	-----------------

Business Communication 1

77025 32020000110 CIP 52.0511

Students explore business communication, including letters, memos, electronic communication, written reports, oral presentations, and interpersonal communication. Resumes, application letters, interviewing tips, and employment follow-up are also covered.

Credits: .50

Economics for Business

77031 32020000200 CIP 52.0611

This course addresses concepts of economics, including a review of the American free enterprise system. Students learn about markets, business and labor, and banking and finance in the microeconomics sections, and then learn about measuring economic performance, the government's role in the economy, and international trade and development in the macroeconomics sector.

Credits: .50

Canyons Virtual High School Summer Course Offerings 2014-15

CAREER AND TECHNICAL EDUCATION (CTE) continued	CSD COURSE CODE	USOE COURSE CODE	CIP CODE
---	------------------------	-------------------------	-----------------

Entrepreneurship for Business	77023	32020000220	CIP 52.0621
--------------------------------------	--------------	--------------------	--------------------

Students explore business in global society, learning terminology, concepts, systems, strategies, and current issues. Topics include the business environment, ethics, entrepreneurship and global business, management, marketing, production, information systems, and financial elements.

Credits: .50

Marketing #1	77036	37010000165	CIP 08.0711
---------------------	--------------	--------------------	--------------------

Students explore factors influencing how marketing decisions are made, including the impact of marketing decisions on an organization and its customers. They gain a working knowledge of practical marketing and business vocabulary. They also evaluate how the actions of competitors influence marketing decisions in the global marketplace.

Credits: .50

Social Media Marketing*	77041	37010000200	CIP 08.0802
--------------------------------	--------------	--------------------	--------------------

Have a Facebook or Twitter account? In this course, you'll learn the ins and outs of social media platforms such as Facebook®, Twitter®, Pinterest®, Google+, and others. Social media platforms aren't just a place to keep track of friends and share personal photos, and in this course you'll get a foundation and skill set in the new, evolving world of social media tools and strategies. Topics include: what is social media and why is it important, how to use social media tools to build relationships and increase productivity, the importance of building an online community, creating and executing social media campaigns, trends in mobile applications, real world case studies of the effective use of social media within business-to-business and business-to-consumer settings. This is a hands-on class as students will create QR codes, develop mobile apps, launch Facebook pages, begin building their resume on LinkedIn, and use their spare time to tweet, tweet, tweet.

Credits: .50

*Facebook is a trademark of Facebook, Inc. Twitter is a registered trademark of Twitter, Inc.
Pinterest is a registered trademark of Pinterest, Inc.
Google is a registered trademark of Google Inc

Teen Living (9th Graders only)	77042	34010000270	CIP 20.0137
--	--------------	--------------------	--------------------

This course guides students as they deal with important decisions by providing them with how to deal with real issues that impact their lives every day, such as nutrition, substance abuse, stress, and their health.

Credits: .50

COMPUTER TECHNOLOGY	CSD COURSE CODE	USOE COURSE CODE	
----------------------------	------------------------	-------------------------	--

Computer Technology	77045	5040000001	
----------------------------	--------------	-------------------	--

An introduction to computer application software that includes word processing, spreadsheet, database, and telecommunications. An awareness of career opportunities, business ethics, and trends is included.

Credits: .50

ELECTIVES	CSD COURSE CODE	USOE COURSE CODE	
------------------	------------------------	-------------------------	--

American Problems (Elective)	77046	9060000030	
-------------------------------------	--------------	-------------------	--

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

Credits: .50/1.0

Canyons Virtual High School Summer Course Offerings 2014-15

ELECTIVES continued	CSD COURSE CODE	USOE COURSE CODE	
----------------------------	------------------------	-------------------------	--

Business Management (Elective)

77047 32020000140

Administrative Duties and Office Management (Medical Office)

Students learn the skills and knowledge required to perform tasks in the administrative department of a medical office. Topics include, but are not limited to, receiving patients, scheduling appointments, handling medical records, and processing insurance claims.

Credits: .50

Mathematics of Personal & Business Finance

77052 7070000020

Students gain understanding of financial management, including key language and terminology, time-value of money, financial markets and securities, financial statements, financial analysis, risk and return, valuation of stocks and bonds, capital budgeting and valuation, cost of capital and capital structure, working capital management, dividend policy, and international finance. Students apply financial tools and understand how they impact financial decision making.

Credits: .50

Modern Mathematics

77053 7070000080

This course reinforces existing algebra and geometry skills and explores concepts students will need to master in order to further their study of mathematics. *Prerequisites* : Algebra I is required and Geometry is recommended

Credits: 1.0

Political Science Elective - Criminal Investigation

77055 9060000100

Students examine the process of identifying and arresting criminal suspects, laws, types of crimes and offenses, and preparing for court. They study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case law.

Credits: .50

Political Science Elective 2 - Law & Order: Intro to Legal Studies

77056 9060000100

Society has laws that its citizens must follow. From traffic laws to regulations on how government operates, laws help provide order and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help protect society from those who harm others; and family law handles issues that arise in areas such as divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding our court system and how laws are carried out, we become more informed and responsible citizens in our communities and nation.

Credits: .50

ENGLISH LANGUAGE ARTS	CSD COURSE CODE	USOE COURSE CODE	
------------------------------	------------------------	-------------------------	--

English Language Arts 9

77064 6020000040

This course addresses strategies for reading comprehension, recognition of text structure in exposition and narrative, knowledge of different genres of text, steps for writing an essay and applying the five-step writing process. The course also addresses basic skills in grammar, punctuation, word usage, spelling, vocabulary, and research and explains how to punctuate and manipulate sentences to produce more effective writing.

Credits: 1.0

English Language Arts 10

77066 6020000050

This course helps students develop skills in grammar, punctuation, word usage, spelling, vocabulary and communications skills, such as giving speeches, using visual aids, and workplace communications. This course also focuses on strategies for reading comprehension, explains the writing process, helps students compose personal narratives and literary responses, and provides instruction on perspective and argument.

Credits: 1.0

Canyons Virtual High School Summer Course Offerings 2014-15

ENGLISH LANGUAGE ARTS continued	CSD COURSE CODE	USOE COURSE CODE	
--	------------------------	-------------------------	--

English Language Arts 11 **77068** **602000060**

In this course, students continue to develop skills in grammar, punctuation, word usage, spelling, vocabulary, and communication. This course also teaches students about complex writing processes, types of writing, reading strategies, study skills, and modes of reasoning. Additionally, students read works from different periods of American literature and examine these texts to learn about various literary devices, forms, styles, techniques, and influences.

Credits: 1.0

English Language Arts 12 **77070** **602000070**

In this course students continue to develop skills in grammar, punctuation, word usage, spelling, vocabulary, and communication. This course also teaches students about complex writing processes, types of writing, reading strategies, study skills, and modes of reasoning. Additionally, students read works from different periods of British literature and examine these texts to learn about various literary devices, forms, styles, techniques, and influences.

Credits: 1.0

FINANCIAL LITERACY	CSD COURSE CODE	USOE COURSE CODE	
---------------------------	------------------------	-------------------------	--

Financial Literacy **77074** **100000100**

How do our personal financial habits affect our financial future? How can we make smart decisions with our 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 will learn more about topics such as taxation, financial institutions, credit and saving, and investing. This course addresses issues surrounding consumer protection, risk management, identity theft and how careers and educational choices influence personal income and finances.

Credits: .50

HEALTHY LIFESTYLES	CSD COURSE CODE	USOE COURSE CODE	
---------------------------	------------------------	-------------------------	--

Health Education II **77075** **401000010**

This course addresses topics in mental health, social health, nutrition, physical fitness, substance abuse, human development, and disease prevention. The course emphasizes the physical and emotional benefits of making healthful choices and discusses consequences of unhealthful behaviors. Critical thinking is encouraged through the use of open-ended questions, assessments, and videos that present real-life situations.

Credits: 1.0

Lifetime Fitness/Personal Fitness for Life **77076** **402000030**

Students will start by assessing their physical condition. They will keep a workout log to measure progress. In addition, they will have a great personal trainer (their teacher) who will help them set realistic goals.

Credits: 1.0

MATHEMATICS	CSD COURSE CODE	USOE COURSE CODE	
--------------------	------------------------	-------------------------	--

Algebra 1 (Makeup only) 11th & 12th Grade Only **77081** **702000011**

This course covers such key concepts as variables, function patterns, graphs, operations with rational numbers, and properties of rational numbers. Students solve linear equations and inequalities, and study slope, and graphing linear functions. This course also covers exponents, polynomials, and factoring. It also helps students study quadratic equations and functions, radical expressions and equations, rational expressions and functions, and study counting methods.

Credits: 1.0

Canyons Virtual High School Summer Course Offerings 2014-15

MATHEMATICS continued	CSD COURSE CODE	USOE COURSE CODE	
------------------------------	------------------------	-------------------------	--

Algebra 2 (Makeup only) 11th & 12th Grade Only	77082	702000020	
---	--------------	------------------	--

In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. This course also introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series.

Credits: 1.0

Calculus	77079	704000010	
-----------------	--------------	------------------	--

This course includes a study of limits, continuity, and differentiation. It integrates algebraic, trigonometric and transcendental functions, and the applications of derivatives and integrals. *Prerequisites* : Algebra I, Geometry, Algebra II, Pre-calculus or Trigonometry/Analytical Geometry

Credits: 1.0

Geometry	77083	705000001	
-----------------	--------------	------------------	--

This course addresses basic skills in geometry including reasoning, developing proofs, identifying geometric figures, and constructing figures. This course also teaches students about the properties of right triangles and trigonometric ratios, transformations of plane figures, and the parts of a circle and their properties. Additionally, students will develop and apply formulas for area, surface area, and volume of two- and three-dimensional figures.

Credits: 1.0

Secondary Mathematics I	77084	708000090	
--------------------------------	--------------	------------------	--

This course teaches students how to simplify expressions and solve linear equations, introduces basic geometric terms and logic, reasoning, and proof and addresses linear equations in a graphical sense, and parallel and perpendicular lines, first from an algebraic perspective, followed by proving associated theorems using geometry. This course also teaches students how to solve proportions, use square roots, explore exponents, simplify polynomials, factor and solve quadratic equations, and apply these skills to geometry topics such as quadrilaterals, polygons, area, and volume.

Credits: 1.0

Secondary Mathematics II	77085	7080000100	
---------------------------------	--------------	-------------------	--

This course teaches students about linear equations and inequalities, functions and families of functions, triangles, and how to apply their knowledge to solve systems and prove theorems. This course also teaches students about geometrical relationships in triangles and plane figures, special right triangles, basic trigonometry, radicals, polynomials, rational equations, probability and statistics.

Credits: 1.0

Pre-calculus	77086	704000020	
---------------------	--------------	------------------	--

This course presents students with a formal study of functions, an analysis of sequences and series, counting principles, the binomial theorem, and probability. Students will use technology to employ multiple approaches to problem solving and data modeling. This course also includes topics on trigonometry, parametric curves, the polar coordinate system, and complex numbers in polar form. Students will solve problems using the Laws of Sines and Cosines and will also analyze vectors and conics, study systems of equations and matrices, and solve systems using matrices. Limits and continuity are introduced. *Prerequisites: Mastery of intermediate or advanced level Algebra.*

Credits: 1.0

Canyons Virtual High School Summer Course Offerings 2014-15

SCIENCE	CSD COURSE CODE	USOE COURSE CODE	
----------------	------------------------	-------------------------	--

Astronomy

77087

8060000010

This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Credits: .50

Biology

77088

8020000010

This course addresses key concepts and processes from chemistry, cells, cellular respiration, photosynthesis, genetics, and DNA. The scientific method and foundational chemistry facts are presented to assist students in the study of biology. This course also addresses key concepts and processes of evolution, classification, ecology, and human anatomy. An overview of human body systems, as well as, defining structures of bacteria, protists, fungi, plants, and animals are also explored.

Credits: 1.0

Chemistry (With Lab)

77089

8030000012

This course addresses key concepts and processes from states of matter, atomic theory, organization of the periodic table, types of chemical bonds and reactions, the naming and formulae of chemicals, chemical reactions, and stoichiometry. The field of chemistry in relation to the scientific method is also explained. This course also addresses properties of solids, liquids, and gases, state changes, solutions, flow of energy, enthalpy, heat, entropy and free energy, rates of reactions, equilibrium, acid-base theories, oxidation and reduction, electromagnetic cells, functional groups, polymerization, biochemicals, and nuclear chemistry. The course explores concepts through lessons, labs and videos. Students must be able to attend labs after regular school hours as arranged with instructor.

Credits: 1.0

Earth Systems

77090

8040000010

Students will learn about the materials which compose Earth, the rock cycle and types of rocks, Earth's resources, formation and movement of soil, glaciers, deserts, and alluvial landscapes, earthquakes, volcanoes, plate tectonics, mountain building, and geologic time. Topics including the ocean floor, seafloor sediments, waves, tides, and shoreline processes, characteristics of the atmosphere, precipitation, air pressure and wind, storms, climate, early astronomy, Earth-Moon-Sun interactions, and our Solar System are also presented. Laboratory concepts appear via video. Students explore careers in Earth Science and learn about key scientists.

Credits: 1.0

Environmental Science

77091

8040000020

This course presents relationships between organisms and how they relate to the functioning of ecosystems. Students learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future.

Credits: 1.0

Marine Biology and Oceanography

77092

8040000040

Students will delve deep into the study of Earth's bodies of water and study geologic structures and how they impact the oceans. They will investigate characteristics of various populations of aquatic life, patterns of distribution, and ongoing changes and challenges occurring in the world's marine ecosystems.

Prerequisites : Biology I

Credits: 1.0

Canyons Virtual High School Summer Course Offerings 2014-15

SCIENCE continued	CSD COURSE CODE	USOE COURSE CODE	
--------------------------	------------------------	-------------------------	--

Physics (With Lab)

77093

806000020

This course addresses concepts of mechanics, wave behavior and thermodynamics, Newton's laws of motion, thermal properties of matter, and thermodynamic systems. Students will learn about electricity, magnetism, optics, interactions among electric charges, properties of electric and magnetic fields and forces, and the characteristics of electromagnetic waves. Some of the basic concepts of quantum physics are presented as well. An understanding of Algebra and Trigonometry is required. Students must be able to attend labs after regular school hours as arranged with instructor.

Credits: 1.0

SOCIAL STUDIES	CSD COURSE CODE	USOE COURSE CODE	
-----------------------	------------------------	-------------------------	--

Comparative World Religions

77097

9050000100

Throughout the ages, religions from around the world have shaped political, social, and cultural aspects of societies. This course is an introduction to major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture.

Credits: .50

Geography for Life

77098

9040000030

This course addresses key concepts of physical and cultural geography and focuses on basic themes of world geography: location, place and human interaction with the physical environment; impact of human movement, ideas, and things; and comparisons within and between regions. Students will use critical, causal, interpretive and reflective thinking skills through observation, reading, writing, listening, speaking, and problem solving.

Credits: 1.0

Psychology I

77099

9070000010

Topics include the study of infancy, childhood, adolescence, perception and states of consciousness. Learn about emotions, personality theories, therapies, and mental disorders. Interesting online research dealing with our own personal behavior is featured within this course. Through this highly interactive course students acquire an understanding and appreciation of human behavior, interaction, and human development.

Credits: .50

Psychology II - Living in a Complex World

77100

9070000010

Enrich the quality of your life by learning to understand the actions of others! Topics include memory, intelligence, emotion, health, stress and personality. This course features online psychology experiments involving the world around us. Through this highly interactive course students will acquire an understanding of and an appreciation for human behavior, behavior interaction, and the progressive development of individuals.

Credits: .50

United States Government and Citizenship

77104

9060000020

This course covers the foundations of American government, political behavior, and the three branches of the federal government.

Credits: .50

United States History II

77105

9050000050

This course contains lessons addressing historical periods from the American Revolution to globalization and the twenty-first century. The lessons address key concepts, important historical figures, and significant events to help students gain an understanding of the political, economic, military and social structures of the early years of the United States through its emergence as a global superpower.

Credits: 1.0

Canyons Virtual High School Summer Course Offerings 2014-15

SOCIAL STUDIES continued	CSD COURSE CODE	USOE COURSE CODE	
---------------------------------	------------------------	-------------------------	--

World Civilizations II	77106	9050000091	
-------------------------------	--------------	-------------------	--

(World History)

This course contains lessons addressing historical periods from Prehistory through Globalization in the 21st century and expands upon the essential historical questions brought about by the growth of civilizations. The objectives of the lessons are directly aligned to current standards. Each lesson is designed to teach the major concepts for each historical period through text, visual aids, activities and assessments where students will have expanded opportunity to increase communication and critical thinking skills.

Credits: 1.0

WORLD LANGUAGES	CSD COURSE CODE	USOE COURSE CODE	
------------------------	------------------------	-------------------------	--

French I	77108	3030000011	
-----------------	--------------	-------------------	--

Students join various native French speakers as they offer a lively introduction to their language and rich culture. New words and phrases are introduced with pictures, audio clips and examples. After one semester, students engage in conversational French introducing themselves and exchanging basic information with others. Students also explore cultures of Canada and other French-speaking countries. Bon Voyage!

Credits: .50

French II	77109	3030000021	
------------------	--------------	-------------------	--

Students join various native French speakers as they continue on their second-year journey through rich language and culture. They navigate French communicative skills with a heavy emphasis on listening and comprehension, in addition to speaking, reading and writing.

Credits: 0.5

Spanish I	77116	3070013051	
------------------	--------------	-------------------	--

Students will learn basic Spanish grammar to help build their fluency and understanding. There are many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, listening, and speaking exercises.

Credits: 1.0

Spanish II	77117	3070000021	
-------------------	--------------	-------------------	--

The purpose of this course is to strengthen Spanish listening, speaking, reading, and writing skills. Students will also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world. *Prerequisites* : Spanish I

Credits: 1.0

Spanish III	77118	3070000031	
--------------------	--------------	-------------------	--

In this course, students will have many opportunities to perfect the Spanish they learned in previous courses. They will have the chance to further expand their vocabulary and learn about Spanish-speaking countries. *Prerequisites* : Spanish I and II

Credits: 1.0

Canyons Virtual High School Summer Course Offerings 2014-15

SPECIALIZED COURSES	CSD COURSE CODE	USOE COURSE CODE
----------------------------	------------------------	-------------------------

ACT Prep	77119	25020000010
-----------------	--------------	--------------------

This course prepares students to achieve higher ACT scores by improving content area competency. Students will learn a variety of test-taking strategies and perform practice skills related to the ACT.

Credits: .50

Adaptive PE (9-12)	77120	4020023080
---------------------------	--------------	-------------------

This course is an Adaptive Personal Fitness IEP or 504 Plan. Students will learn about proper weight, good diet, and stress management. As students progress through the course, they will feel their energy level increase. By the end of the course, they will have developed the kind of healthy habits that will last a lifetime. Please note: This course is for students where their IEP/504 indicates the need for modified physical activity. *Prerequisites: Current IEP or 504 Plan required*

Credits: .50

Advanced Individualized Lifetime	77121	25010000020
---	--------------	--------------------

Elective credit class which provides advanced instruction in lifetime sports activities and fitness for students who have completed the core-required Individualized Lifetime Activities course. Students will learn healthy habits of body and mind that will lead to a healthier lifestyle. They will measure their beginning fitness level and nutrition knowledge, and create an individual plan for achieving their goals.

Credits: .50

Drivers Education	77122	15000000020
--------------------------	--------------	--------------------

This course is the online component of the instruction. On-road and range driving experiences are also required before and after school and on Saturdays. Registration is based on each student's 16th birthday. Successful completion of this course may lead to acquisition of a valid Utah Driver's license. A fee is required prior to participation in this course.

Credits: .50

Health Opportunities through Physical Education (HOPE)	77123	25010000020
---	--------------	--------------------

Elective credit class that provides advanced instruction in lifetime sports activities and fitness for students who have completed the core-required Lifetime Fitness/Personal Fitness for Life course. Students will experience the many benefits of regular physical activity, proper nutrition, and sound decision making. Students will assess their current physical condition and define personal goals. Student will apply fitness training principles, enhancing improvement in health and skill-related areas of fitness. This course may be helpful to students interested in personal fitness training.

Credits: .50