

BYU Independent Study High School Suite: UEN/BYU Blended Courses

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Accounting

ACC 041

Description: Take accounting and get your books straight. This course will teach you the basics of accounting and will help you exercise the skills to post journal entries, record basic business transactions, and perform other accounting essentials.

Aerobics

AEROB 045

Description: This course will help students achieve a health-enhancing level of physical fitness through aerobics. They will develop motor skills, learn about responsible personal and social behavior, and recognize the value of physical activity. Students will be required to engage in a fitness program with at least 45 days of activity spread across at most 24 weeks.

Pre-Algebra, Part 1

ALG 041

Description: In this course, students will learn how to work with fundamental mathematical functions with integers, fractions, and decimals; use the order of operations to evaluate variable expressions; solve variable equations using transformations; translate word sentences into mathematical equations; and solve word problems. This is the first course in a two-part Pre-Algebra series (ALG 041 and ALG 043).

Pre-Algebra, Part 2

ALG 043

Description: This course includes using ratios, rates, and proportions to solve problems; changing fractions, percents, and decimals; and solving problems involving percentages such as discounts, markups, commissions, profit, simple and compound interest, etc. This is the second course in a two-part Pre-Algebra series (ALG 041 and ALG 043).

AP Biology, Part 1

AP BIO 059

Description: This series is the equivalent of a college introductory biology course and will prepare students to pass the AP Biology exam. Even though these courses present college-level work, there are no prerequisites. Students who are willing to commit time and effort in completing both courses in the series will experience success in the course and in taking the AP Biology exam. The instructor is an award-winning, AP-certified teacher. This is the first course in a two-part Advanced Placement Biology series (AP BIO 059 and AP BIO 060).

AP Biology, Part 2

AP BIO 060

Description: This series is the equivalent of a college introductory biology course and will prepare students to pass the AP Biology exam. Even though these courses present college-level work, there are no prerequisites. Students who are willing to commit time and effort in completing both courses in the series will experience success in the course and in taking the AP Biology exam. The instructor is an award-winning, AP-certified teacher. This is the second course in a two-part Advanced Placement Biology series (AP BIO 059 and AP BIO 060).

AP Government

AP GOV 061

Description: This Advanced Placement course will introduce you to the workings of American government and politics. Major topics include the five areas listed by the College Board: Constitutional Democracy, Civil Liberties-Civil Rights, American Political Culture and Beliefs, Political Participation, and Interaction among Branches. These areas are divided into a total of ten units. In addition, this course will prepare you for the AP U.S. Government and Politics exam by helping you practice skills associated with the exam, such as writing evidence-based essays and answering questions on causes and consequences of political events. Analysis of landmark Supreme Court decisions and foundational documents (AP-required primary sources) will be emphasized.

AP Psychology, Part 1

AP PSY 059

Description: This is a rigorous course that discusses in-depth information about personal and others' behavior. This series will prepare students to pass the AP Psychology exam for college credit; it is recommended that students take both courses of the series before taking the exam. It is also recommended that students take an introductory psychology course before enrolling in this series. This is the first course in a two-part Advanced Placement Psychology series (AP PSY 059 and AP PSY 060).

AP Psychology, Part 2

AP PSY 060

Description: This rigorous course continues the study of psychology and behavior. This series will prepare students to pass the AP Psychology exam for college credit; it is recommended that students take both courses of the series before taking the exam. It is also recommended that students take an introductory psychology course before enrolling in this series. This is the second course in a two-part Advanced Placement Psychology series (AP PSY 059 and AP PSY 060).

Introduction to Art

ART 031

Description: This is a foundational art course that includes the study of art history, art production, and art criticism. The influence of prominent artists and several art movements will be introduced to students. Students also visually express themselves by applying learned production skills to various projects.

Art Foundations, Part 1

ART 041

Description: This art course consists of four main art disciplines: history, production, criticism, and aesthetics. Each discipline is distinctly different, allowing students to gain a comprehensive art foundation. This course chronologically covers movements beginning with prehistoric art and ending with baroque art. With each movement, students are given a historical context as well as an opportunity to learn and develop various art skills. Art Foundations, Part 1 also teaches students how to formally judge art and answer questions concerning the nature of art. This is the first course in a two-part art series (ART 041 and ART 043); however, either course may be taken independently of the other.

Art Foundations, Part 2

ART 043

Description: This course covers art basics such as criticism, studio techniques, elements and principles, aesthetics, and history from the beginning of the 20th century to the present. This is the second course in a two-part art series (ART 041 and ART 043); however, either course may be taken independently of the other.

Drawing

ART 045

Description: This course helps students learn principles and develop skill in drawing techniques, taking inspiration from art history. By the end of this course, we expect students to have a solid foundation which they can use to effectively express creativity through drawing or other artistic endeavors. Please check the syllabus for required art materials.

Calligraphy

ART 051

Description: This course is an introduction to basic calligraphy skills; students will learn four letter styles: sans serif B-point, Celtic, Gothic, and italic.

Introduction to Commercial Art

ART 059

Description: This commercial art course teaches the introductory elements of graphic design, the concept of simplification, and the history and function of typography. Students will also apply principles and elements of design, employ principles and concepts of advertising, and use a computer to research, create, or manipulate images.

Digital Photography

ART 061

Description: This course is an introduction to digital photography and teaches students effective camera and editing software use, artistic design, processing and careers, with a brief history of photography.

Automotive Basics

AUTO 043

Description: This automotive course teaches students to perform basic auto maintenance and repair tasks on their own, such as fixing flat tires, changing oil, and maintaining a vehicle. A practical approach for saving money and time, this course also gives students the confidence to discuss complex auto problems with a mechanic.

Business Communications

BCOM-041

Description: This business communications course explores strategies and skills needed to become an effective written and verbal communicator. Skills taught in this course are especially helpful in workplace communication, but are applicable to communication outside of work.

Biology, Part 1

BIOL 041

Description: After learning about the scientific method, students will study life at its most basic level, the cell. Students will then use the cell as a foundation for understanding how life evolves, including a detailed discussion of DNA, genetics, and evolution. Each lesson in this course includes an interview with a professional in a career related to biology. Two thousand years ago most people agreed that life, death, sickness, and health were the result of fickle gods. Today we know a little more about the principles behind life and seek to learn more through the study of biology. This is the first course in a two-part Biology series (BIOL 041 and BIOL 043).

Biology, Part 2

BIOL 043

Description: In this course, students will continue studying life, but with a progressively wider lens by discovering the variety of life that has evolved, determining how to categorize different living things, and comparing how these living things interact with their environment. This is the second course in a two-part Biology series (BIOL 041 and BIOL 043).

Human Anatomy

BIOL 049

Description: The question, "How does the human body do what it does?" is answered in Human Anatomy through an in-depth study of systems in the human body, including the digestive, respiratory, immune, circulatory, and reproductive systems.

Business Law

BLAW 041

Description: Get acquainted with legal code by taking Business Law. In this class you'll explore the implications of legislation as they relate to the business world. Become a force for good by learning about legal issues and business laws.

Business and Consumer Math, Part 1

BMATH 041

Description: Get wise about home economics! Learn practical math skills for budgeting, saving, investing, and buying items such as homes, cars, and insurance. This first course in a two-part series will teach you the basics of business and consumer math (BMATH 041 and BMATH 043).

Business and Consumer Math, Part 2

BMATH 043

Description: Become a practical math master by taking Business and Consumer Math! Understand the ins and outs of taxes, math in the workplace, and business statistics. This is the second course in a two-part series (BMATH 041 and BMATH 043).

Marketing

BMRKT 041

Description: This course will help students gain a working knowledge of marketing and distribution, including marketing careers, marketing functions, market segmentation, and channels of distribution.

Chemistry, Part 1

CHEM 041

Description: This is an introductory chemistry course that includes topics such as matter and energy, the atomic theory, electron clouds and probability, the periodic table, chemical bonding, chemical formulas, and balancing equations. This course has few mathematical computations and includes several virtual lab demonstrations. This is the first half of a two-part General Chemistry series (CHEM 041 and CHEM 043).

Chemistry, Part 2

CHEM 043

Description: This course is a continuation of introductory chemistry and includes topics such as moles, states of matter, behaviors of gases, solutions, reaction rates, chemical equilibria, solubility, acids and bases, oxidation-reduction reactions, electrochemistry, and nuclear chemistry. This course has few mathematical computations and includes several virtual lab demonstrations. This is the second half in a two-part General Chemistry series (CHEM 041 and CHEM 043).

Honors Chemistry, Part 1

CHEM 061

Description: This honors-level course covers principles of chemistry, including atomic theory and chemical bonding, the periodic table, unit conversions, chemical formulas, the mole concept, and stoichiometry. It includes extensive use of algebraic concepts throughout each lesson. This course is taught by an award-winning chemistry teacher and includes use of the Virtual ChemLab software. This course is an honors-level chemistry course. This is the first course in a two-part Honors Chemistry series (CHEM 061 and CHEM 063).

Honors Chemistry, Part 2

CHEM 063

Description: The topics in this honors-level chemistry course include kinetic theory, gas laws, solutions, chemical kinetics and equilibrium, acid/base reactions, precipitation reactions, oxidation-reduction reactions and electrochemistry. Honors Chemistry, Part 2 continues the study of the principles of chemistry and builds on the concepts taught in Honors Chemistry, Part 1. This is the second course in a two-part chemistry series (CHEM 061 and CHEM 063).

Child Development, Part 1

CHILD 041

Description: Child Development, Part 1 is an introductory course in child development that begins with theories of child development, then proceeds to trace development from pregnancy to infancy. Children do not come with a manual, but this course will help anyone who plans to be a parent or care for a child. This course also includes a discussion of heredity and parenting skills. This is the first course in a two-part Child Development series (CHILD 041 and CHILD 043).

Child Development, Part 2

CHILD 043

Description: In this second part of the series, students will learn how children develop from birth to adolescence, including parenting methods; childhood illnesses; children with different physical, emotional, and intellectual abilities; and child abuse. Children do not come with a manual, but this course will help anyone who plans to be a parent or care for a child. This is the second course in a two-part Child Development series (CHILD 041 and CHILD 043).

Preparing for Responsible Parenthood

CHILD 051

Description: Preparing for Responsible Parenthood takes students through the basic roles of parenting, including practical knowledge for discipline; teaching values; communicating with children; and creating a nurturing, stress-free home environment.

Basic Clothing Construction

CLOTH 041

Description: This course introduces students to the basic principles and skills required to sew, including design concepts, selecting and preparing patterns, operating sewing equipment, and completing sewing projects. Students in this course will submit portfolio assignments to the instructor for a grade. Students will need a sewing machine, sewing manual and other items listed in the course syllabus. Students will need to mail in projects at two points in the course.

Public Speaking

COMMS 051

Description: This course is an introduction to public speaking. It is media intensive and filled with several speeches and examples of various stages of speech development.

Exploring Computer Science 1

CS 040

Description: Exploring Computer Science is designed to introduce students to computational thinking using fun, varied assignments that cover basic concepts. Units teach about topics such as the information processing cycle (involving data), networks and the web, communication methods, software design and coding, the problem-solving process, and more. This course prepares students for future computer science courses and requires internet access,

an email address, word processing software, a PDF viewer, and a scanner or camera to capture page images.

Computer Science 1A

CS 041

Description: This is an introductory semester course in computer programming/software engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs. The course will introduce basic programming concepts to beginning students through the Python programming language, preparing them for the second semester where they will learn object-oriented programming skills in an Internet environment.

Computer Science, Part 2

CS 043

Description: This is the continuation of Computer Science, Part 1 and builds upon the concepts and skills students acquired in the first course. The main focus in this course is programming for the internet. Most modern web applications are built on three interacting building blocks: (1) Client programs that run locally in the user's web browser, (2) server programs that run on machines in data centers, and (3) databases for information storage. In this course students will learn how to write client and server code, and become familiar with database usage to build simple web applications. It is not the goal of this course to teach how to build graphically attractive web programs but rather to teach the mechanics underpinning modern web applications.

Computer Technology

CTECH 041

Description: This course provides an introduction to computer application software. Students will learn to create documents, spreadsheets, and presentations using Microsoft Office 2013. The basics of operating systems and the use of email are also covered.

Cycling

CYCLE 041

Description: This course will help students achieve a health-enhancing level of physical fitness through cycling. They will develop motor skills, learn about responsible personal and social behavior, and recognize the value of physical activity. Students will be required to engage in a fitness program with at least 45 days of activity spread across at most 24 weeks.

Earth Science, Part 1

EARTH 041

Description: In this course, students will learn about the science behind recent natural disasters involving hurricanes, earthquakes, and tsunamis. Students will also learn about the structure of our atmosphere and how it makes life on earth possible. This is the first course in a two-part Earth Science series (EARTH 041 and EARTH 043).

Earth Science, Part 2

EARTH 043

Description: This course is a study of natural and manmade systems of the universe, including the solar, energy, atmospheric, and biological systems. This is the second course in a two-part Earth Science series (EARTH 041 and EARTH 043).

Astronomy

EARTH 051

Description: In this non-mathematical look at astronomy, students will learn what people have traditionally thought about space and how scientists currently study it.

Meteorology

EARTH 055

Description: In Meteorology, students will learn how severe weather conditions like hurricanes, tornadoes, and thunderstorms develop. In this nonmathematical look at meteorology, students will also learn why the earth has seasons and how water in the atmosphere affects weather.

Economics

ECON 041

Description: This course focuses on the study of economic problems and the methods by which societies solve them. It examines the characteristics of the market economy of the United States and its function in the world. It helps students develop opinions based on economic principles and provides opportunities to share those opinions with their peers as they discuss current events.

Seventh-Grade English, Part 1

ENGL 031

Description: Students will learn to identify themes in literature, analyze techniques in poetry, recite a poem using effective presentation skills, compare selected genres in literature, read and interpret Shakespearean sonnets and excerpts from a play, compose a well-supported research paper, apply reading and writing strategies to a novel, and expand and enrich their vocabulary by applying word-mastery strategies. This is the first course in a two-part Seventh-Grade English series (ENGL 031 and ENGL 033).

Seventh-Grade English, Part 2

ENGL 033

Description: Students will learn to identify themes in literature, analyze techniques in poetry, recite a poem using effective presentation skills, compare selected genres in literature, read and interpret Shakespearean sonnets and excerpts from a play, compose a well-supported research paper, apply reading and writing strategies to a novel, and expand and enrich their vocabulary by applying word-mastery strategies. This is the second course in a two-part Seventh-Grade English series (ENGL 031 and ENGL 033).

Eighth-Grade English, Part 1

ENGL 035

Description: In a world of words, students will learn how to put words together naturally, express themselves confidently, and explore the world of reading and writing through study and practice. Fifteen hours of reading of nonfiction texts will be required in addition to the course novel. This is the first course in a two-part Eighth-Grade English series (ENGL 035 and ENGL 037).

Eighth-Grade English, Part 2

ENGL 037

Description: This course will enhance students' vocabulary, writing strategies, argumentative and persuasive techniques in writing and speaking, and ability to analyze literature and media. Students will also be able to identify the elements of the research process and incorporate them into their own research papers. This is the second course in a two-part Eighth-Grade English series (ENGL 035 and ENGL 037).

Ninth-Grade English, Part 1

ENGL 041

Description: This foundational course helps students develop reading and writing skills, think critically, and express themselves effectively. Students will learn how to conduct research and organize and present information. They will also learn new vocabulary, review grammatical concepts, and write several papers. This is the first course in a two-part Ninth-Grade English series (ENGL 041 and ENGL 043). This course also encompasses Common Core content.

Ninth-Grade English, Part 2

ENGL 043

Description: This course incorporates reading, writing, speaking strategies, vocabulary, Internet research skills, essay and speech writing, and reading texts from various genres; students will also have the opportunity to use instructional multimedia and video interviews. This is the second course in a two-part Ninth-Grade English series (ENGL 041 and ENGL 043). This course also encompasses Common Core content.

Tenth-Grade English, Part 1

ENGL 045

Description: Students will develop new perspectives through interpreting literature, expanding vocabulary, and writing creatively; students will also enhance their writing skills by examining point of view, character development, figurative language, and audience. This course is highly interactive and includes a live course orientation, weekly webinars with the course instructor, and reviews with the course TA. This is the first course in a two-part Tenth-Grade English series (ENGL 045 and ENGL 047). This course also encompasses Common Core content.

Tenth-Grade English, Part 2

ENGL 047

Description: This course offers a myriad of reading and writing activities that are designed to strengthen students' background knowledge in the genres of poetry, short story, myth, nonfiction, and novel. This is the second course in a two-part Tenth-Grade English series (ENGL 045 and ENGL 047).

Eleventh-Grade English, Part 1

ENGL 051

Description: This English course will give students a chance to further develop reading, writing, and critical thinking skills. Students will learn how to read and write about texts in ways that will both be fulfilling, and prepare them for college entrance exams. Students will also continue to grow their vocabulary and hone their understanding of grammatical concepts.

Eleventh-Grade English, Part 2

ENGL 053

Description: This English course is a continuation of Eleventh-Grade English, Part 1 and contains a reading emphasis on literary, functional, and informational selections. A research report with an outline, works cited, and in-text documentation will be required. This course also includes analyses, original stories, and poems. Students will develop their writing style to improve effectiveness, clarity, and variety. This is the second course in a two-part Eleventh-Grade English series (ENGL 051 and ENGL 053). This course also encompasses Common Core content.

Twelfth-Grade English, Part 1

ENGL 055

Description: This course will help students develop reading and analysis skills and learn to express themselves effectively in writing, presentations, and discussions. Students will learn how to conduct research, organize and present information, and engage in a process of planning, writing, and revising. They will also review grammatical concepts. Students will read excerpts from important philosophical works as well as two novels, an epic poem, and a variety of short stories. There are several writing assignments, such as a research paper, a statement of life philosophy, a narrative, etc. This is the first course in a two-part Twelfth-Grade English series (ENGL 055 and ENGL 057). This course also encompasses Common Core content.

Twelfth-Grade English, Part 2

ENGL 057

Description: Students will gain a basic understanding of rhetoric as they become more proficient in their writing, enlarge their vocabulary, and recognize how to skillfully approach poetry. Students will also learn to assess writing more effectively by using the Six Traits Analytical Model Writing Assessment. This is the second course in a two-part Twelfth-Grade English series (ENGL 055 and ENGL 057). This course also encompasses the Common Core State Standards.

Financial Literacy

FINL 041

Description: Students will learn essential financial management strategies through course readings, video scenarios, and practical application activities. Standard topics include budgeting and financial services, consumer choices, financial and career planning, credit, income and taxes, savings and investments, and insurance and retirement.

Lifetime Weight Control

FIT 045

Description: Lifetime Weight Control contains guidelines for healthy weight control, nutrition, diet, and exercise, as well as myths and facts about weight control. Students must engage in a five-week fitness program to receive credit.

Fitness for Sports and Recreation

FIT 049

Description: This course is an overall fitness training and nutrition course designed for students who are involved in either competitive or recreational sports such as football, soccer, swimming, cheerleading, track, snowboarding, rock climbing, etc. This fitness course is designed to help students achieve their maximum fitness level and increase strength and stamina to achieve peak competitive condition. Students will participate in several physical activities designed to increase fitness. Students must engage in a 13-week fitness program to receive credit.

Food and Nutrition, Part 1

FOODS 041

Description: In this hands-on food and nutrition course, students will use a variety of sources and activities to discover how food affects the way their body works, including cooking meals, researching individual nutrition needs, tracking eating habits, and planning meals based on scientific guidelines. Students will also learn about different careers related to food and nutrition through interviews with various professionals in the field. This is the first course in a two-part Food and Nutrition series (FOODS 041 and FOODS 043).

Food and Nutrition, Part 2

FOODS 043

Description: In this food and nutrition course, students will use a variety of sources and activities to discover how food affects the way their body works, including cooking meals, researching individual nutrition needs, tracking eating habits, and planning meals based on scientific guidelines. In this hands-on course, students will also learn about different careers related to food and nutrition through interviews with various professionals in the field. This is the second course in a two-part Food and Nutrition series (FOODS 041 and FOODS 043).

First-Year French, Part 1

FREN 041

Description: Students will work towards proficiency at a Novice-Low ACTFL level in the following topics: greeting others, introducing themselves, saying the alphabet, answering basic questions, telling time, talking about destinations and where they are going. Additionally, they will be able to briefly talk about friends, family, pets, home, important dates, seasons, toys, games, food, and colors. This course features interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is a strong emphasis on learning to speak the language, as well as read and write it. Additionally, there is an emphasis on gaining cultural understanding. Students will need access to a computer with high speed Internet, a microphone, speakers (or headphones), and a webcam. Access to a cell phone is recommended for some assignments, but alternative forms of submission are available. You will be required to complete all activities before each review section of the course (there are two) and before you can request your final written exam. There are no resubmissions on mini assessments, Conversation Café activities or unit quizzes. There are retakes on the final speaking appointment and the final exam.

First-Year French, Part 2

FREN 043

Description: Students will learn basic conversation for inside a post office, in a pharmacy, and at a French dinner table. Several French-speaking regions will also be highlighted. This course features interactive elements: live instructor-led orientations and weekly lesson review activities, live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is specific emphasis on speaking and comprehension, as well as reading and writing. This is the second course in a four-part French series (FREN 041, FREN 043, FREN 051, and FREN 053) and is a continuation of First-Year French, Part 1 (FREN 041).

Second-Year French, Part 1

FREN 051

Description: This course will help students improve proficiency in French by increasing their ability to introduce themselves, ask for and give directions, describe technology, and talk about a variety of other topics. This course features interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is a strong emphasis on learning to speak the language, as well as read and write it. Additionally, there is an emphasis on gaining cultural understanding.

Second-Year French, Part 2

FREN 053

Description: Students will review and enlarge their vocabularies; study holidays, professions, history, and literature; and practice grammar and writing. This course features new interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is specific emphasis on speaking and comprehension, as well as reading and writing. This is the fourth course in a four-part French series (FREN 041, FREN 043, FREN 051, and FREN 053) and is a continuation of Second-Year French, Part 1 (FREN 051).

World Geography

GEOG 041

Description: This course explores each of the elements of the 18 National Geography Standards, which are outlined by the National Council for Geographic Education. While examining the physical and human forces that shape our world, students will use geography tools, including maps and graphs, to analyze and consider the ways resources are used, and investigate advancements in technology that affect the way we live.

First-Year German, Part 1

GERM 041

Description: In this course students will learn to speak, read, write, understand German, and learn to focus on how they personally learn. Students will also learn about cultural elements pertaining to German speaking countries such as culture, history, geography, and lifestyle. This course includes authentic teaching materials such as popular YouTube videos, pop music, and texts. This course features interactive elements such as: live one-on-one speaking appointments with TAs and instructor, an instructor-hosted wiki, and writing to a fictitious German pen pal.

First-Year German, Part 2

GERM 043

Description: In this course students will learn to speak, read, write, understand German while diving into the cultural elements pertaining to German speaking countries. This course features interactive elements such as: live one-on-one speaking appointments with TAs and instructor, an instructor-hosted wiki, and writing to a fictitious German pen pal.

Second-Year German, Part 1

GERM 051

Description: Students will expand their vocabularies and study more advanced grammatical structures that will lead to effective handling of social situations. Students will continue to gain familiarity with German life and customs. This course features new interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is strong emphasis on learning to speak the language, as well as read and write it. This is the third course in a four-part German series (GERM 041, GERM 043, GERM 051, and GERM 053).

Second-Year German, Part 2

GERM 053

Description: This course offers students the opportunity to continue to develop their emerging German fluency and to improve their mastery of important German structures and vocabulary. As they work their way through the course, students will explore many topics and practice reflexive verbs, relative pronouns, the perfect and preterit tenses, and case endings. This course also features new interactive elements: live one-on-one speaking appointments and an instructor-hosted wiki. There is specific emphasis on speaking and comprehension, as well as reading and writing. This is the fourth course in a four-part German series (GERM 041, GERM 043, GERM 051, and GERM 053) and is a continuation of Second-Year German, Part 1 (GERM 051).

Golf

GOLF 041

Description: This course includes instruction for proper golf grip, stance, backswing, downswing, follow-through, short game, putting, problem shots, proper club for fairway distance, rough, greens, sand traps, etc. It also teaches golf terminology, rules, and etiquette and requires 45 holes of golf over three to four months. Students must submit scorecards from five games to receive credit. Before beginning any exercise program, consult with your doctor. Participants and their legal guardians assume all responsibility and risk associated with any participation in any exercise program or related activities.

American (U.S.) Government and Citizenship

GOVT 041

Description: This course covers the fundamentals of government and citizenship and focuses on the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system.

Honors American (U.S.) Government and Citizenship

GOVT 051

Description: This honors course covers the fundamentals of government and citizenship and focuses on the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system.

Seventh-Grade Science, Part 2

GSCI 033

Description: This continuation of Seventh-Grade Science, Part 1 looks at introductory science principles on a larger scale—it includes a discussion of human body systems, properties and states of matter, Earth's spheres and natural resources, Earth-related astronomy, and principles of ecology. This is the second course in a two-part seventh-grade science series (GSCI 031 and GSCI 033); however, either course may be taken independently of the other.

Eighth-Grade Science, Part 2

GSCI 037

Description: Students will look at the systems that shape the earth, including plate tectonics, the rock cycle, erosion, and the atmosphere. This is the second course in a two-part Eighth-Grade Science series (GSCI 035 and GSCI 037).

United States History to 1850

HIST 041

Description: This course is the fascinating story of people, events, and ideas that shaped the early United States and why these concepts matter now. This is the first course in a two-part United States History series (HIST 041 and HIST 043).

United States History from 1851

HIST 043

Description: This survey course emphasizes the growth and development of the United States from 1851 to the present. During the course, students will make personal connections with specific events and individuals in US history while developing an understanding of democratic values. Each lesson includes an instructor-graded portfolio activity, which should be submitted together as a whole before requesting the final. This is the second course in a two-part United States History series (HIST 041 and HIST 043).

World History

HIST 062

Description: Students will explore the major historical events, personalities, and cultures of three groups in the Eastern Hemisphere: Africa, the Middle East, and Asia. Each region will be addressed within the framework of early history, more recent history, and present-day circumstances. This is the first course in a two-part World History series (HIST 062 and HIST 064); however, each course may be taken independently.

World History

HIST 064

Description: This course takes a closer look at the history of the Americas, particularly Latin America. The discussion begins with pre-European America, the conquest of the Aztec and Incan empires, the colonization of Latin America by Spain, and the Latin American independence movement, and concludes with an examination of the issues facing Latin America today. Included in the discussion are the influences the American Revolutionary War, the French Revolution, and the Industrial Revolution had on Latin America. Finally, the course examines World War I and World War II. This is the second course in a three-part World History series (HIST 062, HIST 064, and HIST 065); however, any of these courses may be taken independently of the others.

Health Education

HLTH 031

Description: This course educates students about healthy choices and teaches them how to put those choices into practice in their daily lives.

Health Education, Part 1

HLTH 041

Description: This is a comprehensive health course, covering topics of mental and emotional health, nutrition and physical activity, social health and relationships, sexual health, personal health and disease, substances and abuse, and injury prevention and safety.

Health Education, Part 2

HLTH 042

Description: This course covers developing healthy sun exposure habits, acquiring knowledge and skills to practice healthy habits that prevent and/or control disease, learning positive tactics to avoid drug use, and learning healthy eating strategies. This is the second course in a two-part Health Education series (HLTH 041 and HLTH 042) for students needing a full year of health education credit.

Eating Disorders and Basic Nutrition

HLTH 043

Description: This course covers eating disorders such as anorexia and bulimia, various weight-related diseases, and principles of proper nutrition and physical activity. It also compares optimum weight and nutrition to eating disorders.

Drug Use and Abuse

HLTH 045

Description: This course helps students understand why people use drugs, how they use them, and what types of drugs are commonly abused. Because drugs can affect all of us, Drug Use and Abuse raises awareness about drug use and abuse.

Interior Design, Part 1

INTDE 041

Description: This course is an introduction to interior design. Students will learn the fundamentals of design and their application to interiors as they create designs and share them with their peers.

First-Year Japanese, Part 1

JAPAN 041

Description: This course is an introduction to Japanese language, culture, history, and vocabulary; it includes a strong emphasis on learning to speak, write, and read Japanese. This course also features interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. This is the first course in a four-part Japanese series (JAPAN 041, JAPAN 043, JAPAN 051, JAPAN 053).

First-Year Japanese, Part 2

JAPAN 043

Description: This course concentrates on building vocabulary and grammar for conversation and listening comprehension. It increases translation skills for writing using hiragana and expands reading comprehension through the use of mini-stories as well as variations on traditional fairy tales. This course also takes a look into the culture and history of the people, giving the student an increased knowledge of how culture and language correlate. This is the second course in a four-part Japanese series (JAPAN 041, JAPAN 043, JAPAN 051, JAPAN 053). This course also features interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki.

Second-Year Japanese, Part 1

JAPAN 051

Description: This course enables students to obtain a greater oral proficiency while increasing their ability to read and write katakana words. Special attention is given to identifying and conjugating verb tenses and situational vocabulary. This course also features new interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is strong emphasis on speaking, as well as reading and writing, in this course. This is the third course in a four-part Japanese series (JAPAN 041, JAPAN 043, JAPAN 051, and JAPAN 053).

Second-Year Japanese, Part 2

JAPAN 053

Description: This course helps students develop and expand their knowledge base in Japanese by covering aspects of daily life, Japanese culture, and more advanced vocabulary and grammar concepts. Students will discover an increased ability to communicate as vocabulary and grammar knowledge increase. This course also features new interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. This is the fourth course in a four-part Japanese series (JAPAN 041, JAPAN 043, JAPAN 051, and JAPAN 053) and is a continuation of Second-Year Japanese, Part 1 (JAPAN 051).

Jogging

JOG 041

Description: This course will help students achieve a health-enhancing level of physical fitness through jogging. They will develop motor skills, learn about responsible personal and social behavior, and recognize the value of physical activity. Students will be required to engage in a fitness program with at least 45 days of activity spread across at most 24 weeks.

Understanding Literature

LIT 045

Description: Understanding Literature will assist students in reading, analyzing, and interpreting short stories, poetry, novels, and plays for content, thematic meaning, and personal relevance. The required novels may be available at a local library or bookstore.

Advanced Literature Comprehension

LIT 047

Description: This course provides an exploration of proven masters in major genres, including epic poetry, short story, drama, and the novel. Major themes include love of self, of others, and of principle.

Bible as Literature

LIT 051

Description: This course includes an introduction to the King James Version of the Bible as a great classic of English literature. Students must use the King James Version of the Bible.

Science Fiction Literature

LIT 061

Description: This course evaluates the future through science fiction; it looks at the best and worst future possibilities if present trends in society and present human traits continue.

Seventh-Grade Mathematics, Part 1

MATH 031

Description: Students will learn to represent data with different graphs and plots, find measures of central tendency, produce probabilities, and use estimation and problem-solving skills; this course also covers basic geometric concepts such as solving problems with line segments and types of polygons, performing operations with decimals, finding factors and multiples of numbers, and finding areas and perimeters of different polygons. This is the first course in a two-part Seventh-Grade Mathematics series (MATH 031 and MATH 033).

Seventh-Grade Mathematics, Part 2

MATH 033

Description: Students will learn about performing operations with fractions and working with ratios, proportions, and percents; this course also includes finding different types of probabilities, performing operations with integers, and using algebraic properties and the order of operations to simplify expressions as well as solving one-step equations. This is the second course in a two-part seventh-grade mathematics series (MATH 031 and MATH 033).

Secondary Mathematics I, Part 1

MATH 051

Description: This integrated math course is a study of the properties of sets of real numbers, linear equations and graphs, linear functions, systems of equations and inequalities, segments and angles, mathematical reasoning, parallel lines, and sequences and series. This is the first course in a six-part High School Integrated Math series (MATH 051, MATH 052, MATH 053, MATH 054, MATH 055, and MATH 056). This course also encompasses Common Core content.

Secondary Mathematics I, Part 2

MATH 052

Description: This integrated math course is a study of the properties of linear relations and functions, systems of equations and inequalities, triangles, similarity, coordinate geometry, exponents and powers, and quadratic functions. This is the second course in a six-part High School Integrated Math series (MATH 051, MATH 052, MATH 053, MATH 054, MATH 055, and MATH 056). This course also encompasses Common Core content.

Secondary Mathematics II, Part 1

MATH 053

Description: This integrated math course is a study of the properties of linear relations and functions, exponents and powers, triangles, polygons, quadrilaterals, similarity, radical expressions, quadratic functions and equations, and perimeter and area. MATH 053 is the third course in a six-part High School Integrated Math series (MATH 051, MATH 052, MATH 053, MATH 054, MATH 055, and MATH 056). This course also encompasses Common Core content.

Secondary Mathematics II, Part 2

MATH 054

Description: This integrated math course is a study of the properties of quadratic equations, polynomial functions, right triangle trigonometry, circles, conics, probability and statistics, and geometric solids. This is the fourth course in a six-part High School Integrated Math series (MATH 051, MATH 052, MATH 053, MATH 054, MATH 055, and MATH 056). This course also encompasses Common Core content.

Secondary Mathematics III, Part 1

MATH 055

Description: This integrated math course is a study of the properties of inequalities, problems solved using algebraic and geometric concepts, radical expressions and simple radical equations, equations and inequalities, linear relations and functions, polynomial functions, rational functions, systems of equations and inequalities, and matrices. This is the fifth course in a six-part High School Integrated Math series (MATH 051, MATH 052, MATH 053, MATH 054, MATH 055, and MATH 056). This course also encompasses Common Core content.

Secondary Mathematics III, Part 2

MATH 056

Description: This integrated math course is a study of coordinate geometry, geometric solids, conics, polynomial functions, rational polynomial expressions, quadratic equations, exponential and logarithmic functions, sequences and series, probability and statistics, and trigonometric functions. This is the sixth course in a six-part High School Integrated Math series (MATH 051, MATH 052, MATH 053, MATH 054, MATH 055, and MATH 056). This course also encompasses Common Core content.

Medical Terminology

MEDIC 051

Description: In Medical Terminology, all students will find real-life application of the medical terminology used in medical programs and offices. They will become proficient at building medical words from word parts. Students will gain a grounded foundation of medical terminology, abbreviations, and common symbols used in university pre-med courses, nursing programs, health-care offices, and so forth. They will be able to describe the terms associated with anatomical regions, planes, and movements.

Preparing for Health Occupations

OCCUP 041

Description: This health occupations course gives an overview of the different areas associated with health sciences and health technology. It covers health-care systems and trends, careers, ethics, terminology and basic anatomy, diversity, nutrition, job-seeking skills, and resume writing. This course is a preparatory class for students who are interested in a profession as a health-care worker. In addition, it is good preparation for anyone interested in working in the medical field, public health, safety, etc.

Physics, Part 1

PHSCS 041

Description: This physics course is a mathematical treatment of motion and inertia, Newton's laws, momentum and energy, circular motion and gravitation, gravitational interactions and satellites, etc. This course includes instructions for lab activities that can be completed with commonly available equipment. This is the first course in a two-part Physics series (PHSCS 041 and PHSCS 043).

Physics, Part 2

PHSCS 043

Description: This physics course is a mathematical treatment of change of state, thermodynamics, wave and sound, light and color, lenses, electric charges and fields, current and circuits, satellites, magnetism, nuclear reaction, etc. This course includes instructions for lab activities that can be completed with commonly available equipment. This is the second course in a two-part Physics series (PHSCS 041 and PHSCS 043).

Physical Science

PHYS 041

Description: In this introductory course, students will learn to apply basic concepts of physical science in exploring, experimenting with, and solving problems.

Beginning Piano

PIANO 041

Description: Gain a solid foundation in basic two-hand piano skills. Learn music theory, including how to read notes, rhythms, and musical symbols on a staff. After finishing this course, students should be able to teach themselves to play the beginning music they find at the music store.

Reading Comprehension, Part 1

READ 033

Description: This reading comprehension course covers important pre-, during-, and after-reading techniques; it also includes a look at some of the most common feelings that are found in books and people. Students will read about pure happiness in *Charlie and the Chocolate Factory*, loneliness in *The Wizard of Oz*, utter surprise in *Harry Potter and the Goblet of Fire*, love in *The Adventures of Tom Sawyer*, and much, much more as they explore 30 excerpts from great literature while learning about reading techniques. This is the first course in a two-part Reading Comprehension series (READ 033 and READ 035).

Reading Comprehension, Part 2

READ 035

Description: In this reading comprehension course, students will learn more during-reading techniques; those who liked the first course in this series will love this follow-up course that focuses even more on feelings portrayed through literature. They can join in the fun and read amazing fiction in *The Adventures of Pinocchio*, the magical tales of Harry Potter and his friends, a story of true bravery in *Alice in Wonderland*, and much, much more. Students will explore excerpts from Newbery Award-winning books and classic literature while focusing on reading techniques. This is the second course in a two-part Reading Comprehension series (READ 033 and READ 035).

Speed Reading

READ 041

Description: This course teaches skills for effectively increasing reading speed and comprehension.

Reading Comprehension

READ 045

Description: This course will identify important strategies to assist students in understanding and remembering what they have read. It will help students improve their reading speed and comprehension through carefully designed exercises. Fluency and vocabulary will be included with comprehensive skills.

Recreational Reading

READ 049

Description: This course is all about giving students the tools to become better readers and more appreciative of good books; this will help them understand the joy that comes from recreational reading. Ralph Waldo Emerson said, "Tis the good reader that makes the good book." Students will learn reading strategies that will not only help them become better readers, but will also help students enjoy reading even more.

Reading Around the World

READ 051

Description: This reading course takes students on a literary journey around the world by reading the adventures of Harry Potter, Gandhi's words of wisdom, Chilean folk tales, and much more while learning about important pre-, during-, and after-reading techniques.

Life Preparation

REAL 041

Description: Through engaging stories, examples, and case studies, students will learn to analyze themselves and make adjustments to become ready for real life. Covered topics include perspective, independence, communication, social expectations, balance, relationships, and citizenship. Lessons include instructor-graded portfolio activities, which should be submitted as a whole before requesting the final exam.

Personal Freedom: How to Gain Control of Your Life

SELFG 041

Description: Personal Freedom is a practical course that considers freedom and interaction with others, freedom from conflict, and freedom within the family.

Project Self-Discovery

SELFG 043

Description: In this course, students will increase their knowledge of what people are like and improve their powers of self-understanding and self-expression; they will learn how to gain self-confidence, self-acceptance, and a more meaningful life.

Dating: Romance and Reason

SELFG 047

Description: This course covers dating—when, why, and whom; planning, asking, accepting; dating behaviors and cautions; personality differences, relationship skills, and the role of love in relationships.

Essential Life Skills

SELFG 049

Description: In this course, students learn how to lay a foundation for successful, responsible adulthood by using time effectively, setting goals, avoiding procrastination, overcoming feelings of inadequacy, and developing self-motivation.

Leadership

SELFG 051

Description: In this course, students learn about different types of leadership, the characteristics of a leader, how leaders make effective decisions, and the secret to becoming a good leader.

Study Skills

SELFG 055

Description: This course is designed to help students master themselves and their ability to study, learn, and retain information in a manner that most aptly fits their learning style. Students will discover their learning style, learn how to use time effectively, learn listening skills, and learn tips for taking better notes.

Education and Career Planning

SELFG 057

Description: In this course, students evaluate their personal interests and values, research occupations that are of interest, and draw conclusions about themselves and the world of work.

Sociology

SOCSC 051

Description: This course is a study of the way groups act and think as a result of socialization. It also focuses on students' roles in society and how they can personally make a difference.

Psychology

SOCSC 055

Description: This course explores the basic theories and principles of psychology. It guides students to a better understanding of the self. Students will also study consciousness and adolescent development, as well as traditional topics such as behaviorism, personality, learning, and social psychology.

United States History, Part 1

SOCST 035

Description: This is a survey course emphasizing 18th-century and 19th-century historical events from the age of exploration through the American Revolution; topics will include historical events such as the colonization of America and the Revolutionary War. This is the first course in a four-part United States History series for grades seven and eight (SOCST 035, SOCST 036, SOCST 037, and SOCST 038); however, any of these courses may be taken independently of the others.

United States History, Part 2

SOCST 036

Description: This is a survey course of United States history covering the Constitutional Convention to the Civil War and Reconstruction. This is the second course in a four-part United States History series for grades seven and eight (SOCST 035, SOCST 036, SOCST 037, and SOCST 038); however, any of these courses may be taken independently of the others.

First-Year Spanish, Part 1

SPAN 041

Description: This introductory Spanish course focuses on the Latin culture—the Latin world in general as well as the culture of Spain—and is structured to help students begin conversing almost immediately in Spanish. Students will practice pronunciation, patterns, basic grammar, reading, and writing about familiar topics. Conversation practice and weekly Today's Specials (grammar, culture and vocabulary lessons) happen in the Conversation Café where students will interact with other students and course TAs. This Spanish course includes many interactive activities and live one-on-one speaking appointments. This is the first course in a six-part Spanish series (SPAN 041, SPAN 043, SPAN 051, SPAN 053, SPAN 061, and SPAN 063).

First-Year Spanish, Part 2

SPAN 043

Description: This Spanish course is a continuation of First-Year Spanish, Part 1 and introduces the Spanish language and culture (focusing on Peru, Bolivia, and Paraguay). It is structured to help students practice speaking using the vocabulary, grammar, and cultural information that they learn. Conversation practice and weekly Today's Specials (grammar, culture and vocabulary lessons) happen in the Conversation Café where students will interact with other students and course TAs. This Spanish course includes many interactive activities and live one-on-one speaking appointments. This is the second course in a six-part Spanish series (SPAN 041, SPAN 043, SPAN 051, SPAN 053, SPAN 061, and SPAN 063).

Second-Year Spanish, Part 1

SPAN 051

Description: Building on the skills that students developed during their first year of Spanish, students will focus on speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Colombia, Nicaragua, El Salvador and Honduras). Conversation practice and happens in the Conversation Café where students will interact with other students and course TAs. This Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the third course in a six-part Spanish series (SPAN 041, SPAN 043, SPAN 051, SPAN 053, SPAN 061, and SPAN 063).

Second-Year Spanish, Part 2

SPAN 053

Description: Students will focus on developing speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Venezuela, Argentina, Uruguay, and Chile). Conversation practice happens in the Conversation Café where students will interact with other students and course TAs. This new Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the fourth course in a six-part Spanish series (SPAN 041, SPAN 043, SPAN 051, SPAN 053, SPAN 061, and SPAN 063).

Third-Year Spanish, Part 1

SPAN 061

Description: Students will focus on developing speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Mexico and Guatemala). Conversation practice happens in the Conversation Café where students will interact with other students and course TAs. This new Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the fifth course in a six-part Spanish series (SPAN 041, SPAN 043, SPAN 051, SPAN 053, SPAN 061, and SPAN 063).

Third-Year Spanish, Part 2

SPAN 063

Description: Students will focus on developing speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Ecuador, Cuba, Dominican Republic, Puerto Rico, Panama, and Costa Rica). Conversation practice happens in the Conversation Café where students will interact with other students and course TAs. This Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the sixth course in a six-part Spanish series (SPAN 041, SPAN 043, SPAN 051, SPAN 053, SPAN 061, and SPAN 063).

Intermediate Swimming

SWIM 043

Description: This course will help students achieve a health-enhancing level of physical fitness through swimming. They will develop motor skills, learn about responsible personal and social behavior, and recognize the value of physical activity. Students will be required to engage in a fitness program with at least 45 days of activity spread across at most 24 weeks.

Tennis

TEN 041

This tennis course teaches the forehand, backhand, lob, serve, and other skills necessary to play tennis; written and unwritten rules of the game; and singles and doubles strategy. Access to appropriate equipment and a partner is required. Students must engage in a six-week fitness program to receive credit. Before beginning any exercise program, consult with your doctor. Participants and their legal guardians assume all responsibility and risk associated with any participation in any exercise program or related activities.

Trigonometry

TRIG 041

Description: This course focuses on trigonometric principles as an extension of algebraic and geometrical concepts. Students will study angles, arcs, the unit circle, right triangle trigonometry, the six trig functions, inverse functions, fundamental trig identities, verifying trig identities, solving trig equations, the law of sines, the law of cosines, vectors, complex numbers, and polar coordinates.

Walking Fitness

WALK 041

Description: This course will help students achieve a health-enhancing level of physical fitness through walking. They will develop motor skills, learn about responsible personal and social behavior, and recognize the value of physical activity. Students will be required to engage in a fitness program with at least 45 days of activity spread across at most 24 weeks.

English Usage

WRIT 041

Description: This is an introductory English course designed to create a full foundation for the English language by focusing on the basics of grammar, such as parts of speech, types of sentences, and commonly misused words. This course prepares students to read and write within the conventions of English.

Technical Writing

WRIT 043

Description: This course is designed to help students write to convey information clearly, concisely, and accurately; to experience comprehensive editing and copyediting; and to write instructions and memos. This course will also help students improve their writing style.

Writing Poetry

WRIT 047

Description: This course is designed to improve and enhance students' own poetic skills by teaching them how poets use the language devices of sound, sensory images, figurative expressions, and musical rhythms to share their insights through word-art. Throughout the course, students will experiment with traditional formats and with many free-verse styles of poetry.

Journalism

WRIT 049

Description: In this course, students will learn the fundamentals of modern journalism: reporting, interviewing, writing techniques, censorship issues, page design, and broadcast journalism.

Weight Training

WTRNG 041

Description: This course will help students achieve a health-enhancing level of physical fitness through weight training. They will develop motor skills, learn about responsible personal and social behavior, and recognize the value of physical activity. Students will be required to engage in a fitness program with at least 45 days of activity spread across at most 24 weeks.

Character Education: Exploring Values, Part 1

XPLR 041

Description: This course is a literary study of basic values and examines the consequences of having or lacking courage, self-discipline, respect, honesty, work, trust, and compassion. This is the first course in a three-part Character Education: Exploring Values series (XPLR 041, XPLR 043, and XPLR 045); however, any of the courses may be taken independently of the others.

Character Education: Exploring Values, Part 2

XPLR 043

Description: This course is a literary study of additional basic values; it examines the consequences of having or lacking confidence, generosity, humility, obedience, determination, reliability, tolerance, forgiveness, and excellence. Lessons include instructor-graded portfolio activities, which should be submitted as a whole before requesting the final. This is the second course in a three-part Character Education: Exploring Values series (XPLR 041, XPLR 043, and XPLR 045); however, any of the courses may be taken independently of the others.

Character Education: Exploring Values, Part 3

XPLR 045

Description: This course is a literary study of additional basic values; it examines the consequences of having or lacking mercy, patience, grace, gratitude, accountability, loyalty, patriotism, and self-sufficiency. Lessons include instructor-graded portfolio activities, which should be submitted as a whole prior to requesting the final. This is the third course in a three-part Character Education: Exploring Values series (XPLR 041, XPLR 043, and XPLR 045); however, any of the courses may be taken independently of the others.