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.

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.

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.

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.

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 equilibriums, 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).

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 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.

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 specific emphasis on speaking and comprehension, as well as writing. This is the first 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).

**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 feature 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).

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.

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.

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, and 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.

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 05
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.

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).

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.
**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.

**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.