2025-2026

online courses catalog

HIGH SCHOOL CATALOG

(grades 9-12)

CLONLARA HIGH SCHOOL ONLINE COURSE CATALOG

Clonlara School partners with Edmentum EdOptions Academy's Genius platform and eDynamic Learning to offer students a diverse range of courses tailored to their unique learning needs. Genius courses are led by Edmentum EdOptions Academy instructors, while eDynamic Learning courses are taught by their own team of educators. The course platform (Genius or eDynamic) is noted in each course title.

- Courses labeled with + require additional materials to complete course content.
    - eDynamic Learning provides you with this catalog of courses needing supplemental materials.
- Middle school students can earn up to two (2) high school credits in core subject areas or foreign language during their middle school years (grades 6-8).

MATH

AP® Calculus A (Genius) semester 1, 0.50 credit
AP® Calculus B (Genius) semester 2, 0.50 credit

Calculus grounds the study of calculus in real-world scenarios and integrates it with the four STEM disciplines. The first semester covers functions, limits, derivatives and the application of derivatives. The course goes on to cover differentiation and antidifferentiation, applications of integration, inverse functions, and techniques of integration.

AP® Statistics A (Genius) semester 1, 0.50 credit
AP® Statistics B (Genius) semester 2, 0.50 credit

Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college level course, AP® Statistics prepares students for the AP® exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.

Algebra 1 A (Genius) semester 1, 0.50 credit
Algebra 1 B (Genius) semester 2, 0.50 credit

Algebra 1 v7.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. The specific standard alignment for each lesson is visible to both educators and students. In addition to the emphasis on alignment, the lessons in the new course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills.

Algebra 1 A Honors (Genius) semester 1, 0.50
Algebra 1 B Honors (Genius) semester 2, 0.50

Algebra 1 v7.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. The specific standard alignment for each lesson is visible to both educators and students. In addition to the emphasis on alignment, the lessons in the new course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills.

Algebra 2 A (Genius) semester 1, 0.50 credit
Algebra 2 B (Genius) semester 2, 0.50 credit

Algebra 2 v7.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

Algebra 2 A Honors (Genius) semester 1, 0.50 credit
Algebra 2 B Honors (Genius) semester 2, 0.50 credit

Algebra 2 v7.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support

student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

Calculus A (Genius) semester 1, 0.50 credit
Calculus B (Genius) semester 2, 0.50 credit

Calculus is the mathematics of change. It is used to solve complex problems that are continuously evolving and would otherwise be unsolvable with only algebra and geometry. This online advanced placement course is designed to prepare students to become deep mathematical thinkers. They will explore the calculus concepts of limits, differentiation, and integration and apply those concepts in meaningful ways. The course is split into two semesters. The first semester focuses on the concepts of functions, limits, and differentiation and their applications. The second semester builds off the first semester to focus on integrations. It will cover topics such as the definite and indefinite integral and their applications, inverse function, and techniques for integrating.

Consumer Mathematics (Genius)
1 semester, 0.50 credit

This course explains how four basic mathematical operations – addition, subtraction, multiplication, and division – can be used to solve real-life problems. It addresses practical applications for math, such as wages, taxes, money management, and interest and credit. Projects for the Real World activities are included that promote cross-curricular learning and higher-order thinking and problem-solving skills.

Financial Mathematics A (Genius) semester 1, 0.50 credit
Financial Mathematics B (Genius) semester 2, 0.50 credit

Financial Algebra is designed to instruct students in algebraic thinking while also preparing them to navigate a number of financial applications. Students will explore how algebraic knowledge is connected to many financial situations, including investing, using credit, paying taxes, and shopping for insurance. In studying these topics, students will learn about the linear, exponential, and quadratic relationships that apply to financial applications. In addition, the course will help prepare students to tackle the wide variety of financial decisions they will face in life, from setting up their first budget to planning for retirement.

Geometry A (Genius) semester 1, 0.50 credit
Geometry B (Genius) semester 2, 0.50 credit

Geometry v6.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering a focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforced connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

Geometry A Honors (Genius) semester 1, 0.50 credit
Geometry B Honors (Genius) semester 2, 0.50 credit

Geometry v6.0 is a completely re-designed course that offers 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering a focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforced connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

Mathematics 1 A (Genius) semester 1, 0.50 credit
Mathematics 1 B (Genius) semester 2, 0.50 credit

Mathematics I is a completely re-designed course that offers 100% alignment to the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous

versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

Mathematics 2 A (Genius) semester 1, 0.50 credit
Mathematics 2 B (Genius) semester 2, 0.50 credit

Mathematics II is a completely re-designed course that offers alignment to the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

Mathematics 3 A (Genius) semester 1, 0.50 credit
Mathematics 3 B (Genius) semester 2, 0.50 credit

Mathematics III is a completely re-designed course that offers 100% alignment to the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making.

Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

Personal and Family Finance (eDynamic)

1 semester, 0.50 credit

We all know money is essential in life, and the financial decisions you make today may have a lasting effect on your future. Explore how to spend and save your money wisely, and learn key financial concepts around taxes, credit, and money management. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.

Personal Finance and Money Management (eDynamic)

1 semester, 0.50 credit

Thinking about your adult life and planning for your future is exciting. You will likely need to work for your money, but you can also make your money to work for you. Build a strong financial future starting now by learning how to evaluate your spending habits, create a budget, establish good credit, and save and invest. Reaching your life goals will be much easier when you really understand how money works and having a solid financial plan to reach them.

Personal Finance (Genius)

1 semester, 0.50 credit

Personal Finance is a one-semester course that teaches financial literacy skills to help students plan and achieve career and personal goals. This course focuses on consumer economics, financial services, and personal financial management. Students learn how to budget, spend, invest, and make every day financial decisions. The course also provides an exploration of careers in personal finance and consumer services.

Precalculus A (Genius) semester 1, 0.50 credit
Precalculus B (Genius) semester 2, 0.50 credit

Precalculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. Precalculus also provides a detailed look at trigonometric functions, their graphs, the trigonometric identities, and the unit circle. Finally, students are introduced to polar coordinates, parametric equations, and limits.

Precalculus A Honors (Genius) semester 1, 0.50 credit
Precalculus B Honors (Genius) semester 2, 0.50 credit

Honors Precalculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. Precalculus also provides a detailed look at trigonometric functions, their graphs, the trigonometric identities, and the unit circle. Finally, students are introduced to polar coordinates, parametric equations, and limits.

Probability & Statistics (Genius)
1 semester, 0.50 credit

This course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions.

SCIENCE

Agriscience 1: Introduction (eDynamic)+
1 semester, 0.50 credit
Environmental Science

The word “agriculture” often evokes images of farms, fields, and livestock, and while all of these representations are correct and essential, the field of Agriculture is so much more! In Agriscience I: Introduction, you’ll explore how agriscientists play key roles in improving agriculture, food production, and the conservation of natural resources along with the technologies used to keep the field thriving. Are you ready to explore the diverse careers in agriscience and how you can prepare to positively impact the planet? Let’s get growing!

Agriscience 2a: Exploring Horticulture (eDynamic)+
1 semester, 0.50 credit
Elective Science - Environmental

Get ready to dig deep beneath the water table to examine how plants and ecosystems impact the world of agriculture science. In this course, you will explore the uses and life cycle of plants as well as

plant parts, genetics, functions, and processes. You will also develop an understanding of the horticulture industry, ethical impact and trends of the trade, and career opportunities in this fruitful field. Grab your gloves and prepare to leach some agriscience knowledge.

Agriscience 2b: Sustaining Human Life (eDynamic)+

1 semester, 0.50 credit
Elective Science - Environmental

Are you ready to embark on a botanical adventure? From home gardens to farms, dive into the world of plants and discover how to keep your plants thriving! This course provides an overview of the principles of landscape design, including the tools that help with planning and application to residential projects. Learn how to transplant and propagate, manage pests and diseases, and keep plants healthy through the proper use of pruning and weeding. Explore horticulture's impact on the environment and the role that you play. This course is your ticket to a greener and more vibrant world.

Anatomy (Genius)

1 semester, 0.50 credit
Elective Science

In this course students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study the main systems of the body- including integumentary, skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. In addition to identifying the bones, muscles, and organs, students will study the structure of cells and tissues within the body.

Anatomy and Physiology A (Genius) semester 1, 0.50 credit
Anatomy and Physiology B (Genius) semester 2, 0.50 credit

Elective Science

Anatomy and Physiology focuses on the anatomy and physiology of the human body. Students learn about the organization and structure of the body, common medical terminology, and the structures and functions of cells and tissues. They also learn about the cardiovascular, immune, respiratory, digestive, and renal/urinary systems and common diseases and disorders associated with these systems. The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

Anatomy and Physiology 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Elective Science

Whether you plan on pursuing a career in health sciences or simply looking to gain an understanding of how the human body works, you'll first need to understand the relationship between anatomy and physiology. Learn how to read your body's story through understanding cell structure and their processes, and discover the functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems.

Anatomy and Physiology 1b: Discovering Form and Function (eDynamic)+

1 semester, 0.50 credit
Elective Science

From the beat of the heart to the breaths we take, the human body is a network of amazing systems that work together in harmony. Explore what keeps us alive and discover more about the cardiovascular, respiratory, lymphatic, immune, digestive, urinary, and reproductive systems. Through in-depth explanations and real-world patient case studies, you'll gain an understanding of how body systems interact and support each other, equipping you with the knowledge to understand everyday wellness and complex medical conditions.

AP® Biology A (Genius) semester 1, 0.50 credit

AP® Biology B (Genius) semester 2, 0.50 credit

Core Science

To generate skills for lifelong learning, 25 percent of the lessons in Advanced Biology use student-driven, constructivist approaches for concept development. The remaining lessons employ direct-instruction approaches. In both cases, the lessons incorporate multimedia-rich, interactive resources to make learning an engaging experience. The AP® approach to advanced biology topics helps students achieve mastery of abstract concepts and their application in everyday life and in STEM-related professions.

AP® Chemistry A (Genius) semester 1, 0.50 credit

AP® Chemistry B (Genius) semester 2, 0.50 credit

Core Science

AP® Chemistry includes most of the 22 laboratory experiments recommended by the College Board to provide a complete advanced experience in a blended environment. More than 25 percent of the online lesson modules are inquiry-based and employ online simulations, data-based analysis, online data-based tools, and —kitchen sink labs that require no specialized equipment or supervision. Many of the lessons include significant practice in stoichiometry and other critical, advanced chemistry skills.

AP® Environmental Science A (Genius) semester 1, 0.50 credit
AP® Environmental Science B (Genius) semester 2, 0.50 credit
Elective Science - Environmental

AP® Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. The equivalent of an introductory college-level science course, AP® Environmental Science prepares students for the AP® exam and for further study in science, health sciences, or engineering. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Frequent no- and low-stakes assessments allow students to measure their comprehension and improve their performance as they progress through each activity. Students also perform hands-on labs and projects that give them insight into the nature of science and help them understand environmental concepts, as well as how evidence can be obtained to support those concepts.

Astronomy 1a: Introduction (eDynamic)
1 semester, 0.50 credit
Elective Science

Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe.

Astronomy 1b: Exploring the Universe (eDynamic)
1 semester, 0.50 credit
Elective Science

Ready to explore our amazing and dynamic universe even further? You'll be taken on an exciting journey through the solar system to explore the sun, comets, asteroids, meteors, life cycles of stars, and planets' properties. Become familiar with the concepts of space travel and settlements, and what it could be like to live and work in space. How exciting!

Biology A (Genius) semester 1, 0.50 credit
Biology B (Genius) semester 2, 0.50 credit
Core Science

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). Lab materials note: Most hands-on labs employ relatively common household materials. A few labs require specialized scientific equipment or materials, such as a microscope, slides, or biological samples. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Biology with Virtual Labs A (Genius) semester 1, 0.50 credit
Biology with Virtual Labs B (Genius) semester 2, 0.50 credit

Core Science

This inquiry- and virtual-lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose.

Biology with Virtual Labs A Honors (Genius) semester 1, 0.50 credit
Biology with Virtual Labs B Honors (Genius) semester 2, 0.50 credit

Core Science

This inquiry- and virtual-lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose.

Biotechnology 1a: Introduction (eDynamic)

1 semester, 0.50 credit
Elective Science

Biotechnology is a cutting-edge, high-demand field that encompasses everything from plant and animal breeding to genetics. Discover how biotechnology has changed the world around us, from food to genetics. Explore historical applications with modern discoveries. Understand how regulations and ethics govern the course of biotechnology and learn of its importance to the field of medicine.

Biotechnology 1b: Unlocking Nature's Secrets (eDynamic)

1 semester, 0.50 credit
Elective Science

Dig deeper into the world of biotechnology! Learn how and why biotechnology is so important to the agricultural, pharmaceutical, and genetic fields of study. You'll learn about mapping the human genome, the role of antibiotics, how medicine is created to combat diseases, and the future of the biotechnology field. It's time to explore the depth and breadth of this fascinating field!

Biotechnology A (Genius) semester 1, 0.50 credit
Biotechnology B (Genius) semester 2, 0.50 credit

Elective Science

Biotechnology focuses on the fundamentals of biotechnology. In semester A, students become familiar with the basics of cell biology and molecular biology. They describe the structures and functions of DNA, RNA, and proteins, and they are introduced to the concepts of polymerase chain reactions, recombinant DNA technology, and protein engineering. Finally, students learn the significance of safety protocols in the laboratory and apply advanced laboratory techniques to perform an experiment. Topics covered in semester B include genetics, regulations that apply to biotechnology, and biotech careers. Students learn about the contributions of various scientists, the importance of the discovery of DNA, and genetic engineering. They explore biotechnology in industry, agriculture, and medicine and discuss the latest trends in the field and its impact on society. The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos keep students engaged. Simulations help students practice various laboratory techniques. And the practice test at the end of the course helps students reinforce their understanding of key concepts.

Chemistry A (Genius) semester 1, 0.50 credit
Chemistry B (Genius) semester 2, 0.50 credit

Core Science

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school chemistry along with additional concepts and standards typically included in a full-year high school chemistry course. Content topics include atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, and energy and changes in matter. It also addresses additional concepts and standards typically included in a full year high school chemistry course, including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).Lab materials note: Most hands-on labs employ relatively common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, test tubes, and chemical reagents. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Chemistry A Honors (Genius) semester 1, 0.50 credit
Chemistry B Honors (Genius) semester 2, 0.50 credit

Core Science

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school chemistry along with additional concepts and standards typically included in a full-year high school chemistry course. Content topics include atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, and energy and changes in matter. It also addresses additional concepts and standards typically included in a full year high school chemistry course, including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). Lab materials note: Most hands-on labs employ relatively common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, test tubes, and chemical reagents. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Environmental Science A (Genius) semester 1, 0.50 credit
Environmental Science B (Genius) semester 2, 0.50 credit
Elective Science

Environmental Science is designed to introduce students to the main concepts of environmental science. It will help students gain knowledge of the natural processes that occur in nature and understand their importance and relevance. Students will also gain awareness of some of the environmental issues and challenges we face in the world today, such as land use and management, wildlife conservation, resource and waste management, and the different kinds of pollution. Finally, students will learn about energy sources and production, sustainable development, and environmental policies.

Forensics 1a: Introduction (eDynamic)
1 semester, 0.50 credit
Elective Science

Our notions of forensics are often fictionalized, containing fantastic notions of what forensic science really is. In this course, you'll explore the truth behind the science from its history to its modern-day developments. You will learn how detectives conduct thorough investigations as well as common equipment and methods that are used throughout the field. Finally, you will learn about collecting and analyzing the most common types of evidence found at a crime scene and how they guide investigators to answers. Let's track your interests and continue your pursuit of justice through science!

Forensics 1b: The Science of Crime (eDynamic)
1 semester, 0.50 credit
Elective Science

You've investigated the surface and have started building a case, but now it's time to examine the field of forensics further. In this course, you will delve into the details, studying DNA analysis, forensic anthropology, tool marks, arson, impressions, toxicology, questioned documents, and digital forensics. You will also explore the different specialties within a forensics team. You'll learn more about what each field entails, what that specialist does at the scene and in the lab, and what conclusions can be made based on their analysis. Let's continue strengthening your case and interests for this fascinating field.

Forensic Science: Secrets of the Dead (eDynamic)
1 semester, 0.50 credit
Elective Science

Fingerprints. Blood spatters. Gunshot residue. If these things intrigue you rather than scare you, then forensic science may be for you. Explore the riveting job of crime scene analysis, and learn the techniques and practices applied during a crime scene investigation, including how clues and data are recorded and preserved. Discover how technology is applied to make discoveries and bring criminals to justice.

Forensic Science 2: More Secrets of the Dead (eDynamic)

1 semester, 0.50 credit
Elective Science

The best way to battle crime these days is not with a weapon, but with science. Dig deeper into the science of forensics and the basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology. Find out how scientists use everything from insects to bones to help them solve crimes. And discover how advanced techniques and technology can lead to catching even the craftiest criminal.

Great Minds in Science: Ideas for a new Generation (eDynamic)

1 semester, 0.50 credit
Elective Science

Does life exist on other planets? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions. Like such famous minds from history as Edison, Einstein, Curie, and Newton, today's scientists are finding ways to revolutionize our lives and the world. Explore the extraordinary work of past individuals and how their ideas may very well shape the world of tomorrow.

High School Earth & Space Science A (Genius) semester 1, 0.50 credit
High School Earth & Space Science B (Genius) semester 2, 0.50 credit

Core Science

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school Earth and space science. Content topics include scientific processes and methods, the universe, the Precambrian Earth, the Earth's materials and tectonics, the hydrosphere and atmosphere, and human interactions with the Earth's systems and resources. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). Lab materials note: Most hands-on labs employ relatively common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, and a water testing kit. These few specialized labs are optional but provide valuable laboratory experience.

School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

High School Earth & Space Science A Honors (Genius)

semester 1, 0.50 credit

High School Earth & Space Science B Honors (Genius)

semester 2, 0.50 credit

Core Science

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school Earth and space science. Content topics include scientific processes and methods, the universe, the Precambrian Earth, the Earth's materials and tectonics, the hydrosphere and atmosphere, and human interactions with the Earth's systems and resources. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). Lab materials note: Most hands-on labs employ relatively common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, and a water testing kit. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Integrated Physics & Chemistry A (Genius) semester 1, 0.50 credit

Integrated Physics & Chemistry B (Genius) semester 2, 0.50 credit

Core Science

The lessons in this course employ direct-instruction approaches. They include application and Inquiry-oriented activities that facilitate the development of higher-order cognitive skills, such as logical reasoning, sensemaking, and problem solving. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose.

Integrated Physics & Chemistry A Honors (Genius)

semester 1, 0.50 credit

Integrated Physics & Chemistry B Honors (Genius)

semester 2, 0.50 credit

Core Science

The lessons in this course employ direct-instruction approaches. They include application and Inquiry-oriented activities that facilitate the development of higher-order cognitive skills, such as logical reasoning, sensemaking, and problem solving. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose.

Introduction to Astronomy (Genius)

1 semester, 0.50 credit

Elective Credit

Introduction to Astronomy is a one-semester course that is designed to enable students to learn the basics of astronomy. The course begins with coverage of the history of astronomy from ancient times to modern times. Students then learn to identify the movements of the Sun, Moon, planets, and stars across the sky and to describe the formation of the solar system and the role of the Sun and Moon in the solar system. The course goes on to cover the causes of seasons on Earth and why Earth can sustain life. The course culminates in a study of the stars, galaxies, and the Milky Way, various theories of cosmology, and advantages and disadvantages of space exploration. The target audience for this course is high school students.

Introduction to Forensic Science (Genius)

1 semester, 0.50 credit

Elective Science

Introduction to Forensic Science is designed to introduce students to the importance and limitations of forensic science and explore different career options in this field. They also learn to process a crime scene, collect and preserve evidence, and analyze biological evidence such as fingerprints, blood spatter, and DNA samples. Moreover, they learn to determine the time and cause of death in homicides and analyze ballistic evidence and human remains in a crime scene. Finally, they learn about forensic investigative methods related to arson, computer crimes, financial crimes, frauds, and forgeries.

Introduction to Marine Biology (Genius)

1 semester, 0.50 credit

Environmental Science

Introduction to Marine Biology is designed to introduce students to oceanic features and processes, ocean habitats and ecosystems, life forms in the ocean, and types of interactions in the ocean. Students will learn about the formation and characteristic features of the oceans. They will learn about the scientific method and explore careers available in marine biology. The course then covers the characteristic features of different taxonomic groups, habitats, life forms, and ecosystems that exist in the oceans and different adaptations marine creatures possess to survive in the ocean. Students will learn about succession and the flow of energy in marine ecosystems, as well as the resources that the oceans provide and the threats that the oceans face from human activities.

Introduction to Veterinary Science (Genius)

1 semester, 0.50 credit
Elective Science

Introduction to Veterinary Science is designed to introduce students at the high school level to the fundamentals of veterinary science. The students will explore the history of veterinary science and the skills and requirements for a successful career in the veterinary industry. They will also explore the anatomy and physiology of animals, learn how to evaluate animal health, and determine effective treatments for infectious and noninfectious diseases in animals. Additionally, they will learn about zoonotic diseases, and the impact of toxins and poisons on animal health.

Marine Science 1a: Introduction (eDynamic)+

1 semester, 0.50 credit
Environmental Science

From tiny puddles to vast oceans, water allows for processes that impact all things around us from wildlife and the air we breathe to our health and more! In this course, you will examine the essential nature of water and how its special properties support all life on Earth. Through the lens of the Scientific Method, you will engage with scientific inquiry to study aquatic ecosystems and how water, land, and weather all work together to create unique living environments. You will also learn about scientists who were critical to aquatic science and how to form valid and reliable conclusions from your study of water like they did. Let’s dive in and see what makes water vital to life.

Marine Science 1b: Our Blue Planet (eDynamic)+

1 semester, 0.50 credit
Environmental Science

Water is the flowing lifeline of the Earth, and it impacts the life of every living creature. But have you ever stopped to think about humans impact on water? In this course, you will discover more about the role we play in both threatening and protecting water sources. You will explore climate change

and other events that concern Earth's water sources and expand your knowledge of marine science careers. You will also plan and execute a cumulative research project exploring an aquatic environment near you using the Scientific Method. Let's dive in and continue your exploration of the World's water!

Pathophysiology 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

It takes the mind of a detective to uncover the cause of disease, and this is where your investigative brain and desire to heal people comes in! In this course, you'll build foundational knowledge needed to understand disease in all forms along with signs, symptoms, and prevention. You'll learn how medical professionals arrive at the right diagnosis that leads to proper treatment and a successful outcome. You'll also sharpen your sleuthing skills, learning how to collect and work with data, develop and test hypotheses, and design a study, and you'll even research potential STEM careers! Grab your detective hat and get ready to explore the tiny world of pathogens.

Pathophysiology 1b: Beyond the Pathogen (eDynamic)+

1 semester, 0.50 credit

Now that you have a basic understanding of pathophysiology, it's time to turn up the magnification on your microscope and get a good look at the most common body system disorders and diseases. In this course, you will examine the pathologies of common causes of mortality as well as other pervasive concerns tackling diagnosis, treatment, and prevention. You will investigate factors that contribute to disease like age, gender, heredity, and lifestyle, and then you'll go global, looking at worldwide environmental concerns and world health challenges. Crank that magnification and let's continue your exploration of this exciting science.

Physical Science A (Genius) semester 1, 0.50 credit

Physical Science B (Genius) semester 2, 0.50 credit

Core Science

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school physical science. Content topics include structure and properties of matter, chemical reactions, forces and motion, force fields, energy, and waves. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). (Credit Recovery versions available) *NCAA Approved*Lab materials note: All hands-on labs employ relatively common household materials. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Physics A (Genius) semester 1, 0.50 credit
Physics B (Genius) semester 2, 0.50 credit
Core Science

Physics introduces students to the physics of motion, properties of matter, force, heat, vector, light, and sound. Students learn the history of physics from the discoveries of Galileo and Newton to those of contemporary physicists. The course focuses more on explanation than calculation and prepares students for introductory quantitative physics at the college level. Additional areas of discussion include gases and liquids, atoms, electricity, magnetism, and nuclear physics. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items— such as paper and a pencil—if they choose.

Physics A Honors (Genius) semester 1, 0.50 credit
Physics B Honors (Genius) semester 2, 0.50 credit
Core Science

Physics introduces students to the physics of motion, properties of matter, force, heat, vector, light, and sound. Students learn the history of physics from the discoveries of Galileo and Newton to those of contemporary physicists. The course focuses more on explanation than calculation and prepares students for introductory quantitative physics at the college level. Additional areas of discussion include gases and liquids, atoms, electricity, magnetism, and nuclear physics. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items— such as paper and a pencil—if they choose.

Revolutionary Ideas in Science (Genius)
1 semester, 0.50 credit
Elective Science

Revolutionary Ideas in Science is a one-semester course with lessons that cover the discoveries and inventions in science from pre-historic to present times. This course covers topics such as: prehistoric science, technology, ancient and medieval science, the scientific revolution, thermodynamics and electricity, and many more. This two-semester course is focused on the concepts related to robots and how to construct a robot. Students will learn about the history and applications of robotics. Students will learn about job opportunities and employability skills in the field of robotics. Students will also learn about the basic concepts of six simple machines, electricity, electronic circuits, Boolean algebra, magnetics, and their applicability to robotics. Students will apply safety procedures and construct a simple robot. Students will also learn about project management and engineering design process. Students will learn about the programming languages used in robotics. Students will create a simple robotic arm. Students will also construct a robot using programming. Students will learn about

ethics and laws related to robotics. Students will also learn how to test and maintain a robot. Online discussions and unit activities require students to develop and apply critical thinking skills, while the included games appeal to a variety of learning styles and keep students engaged. Required lab materials note: This course contains hands-on labs that employ relatively common household materials to provide a valuable laboratory experience. Please refer to the Student Syllabus or Teacher's Guide for a detailed list of required lab materials and options for purchasing kits.

Veterinary Science: The Care of Animals (eDynamic)

1 semester, 0.50 credit
Elective Science

Whether you want to step into the wild side of veterinary medicine or just take care of loveable dogs and cats, explore how to care for domestic, farm, and wild animals, diagnose their common diseases and ailments, and learn about different veterinary treatments. If you have always been drawn to the world of our furry, scaly, and feathered friends, this is the course for you!

SOCIAL STUDIES & SOCIAL SCIENCES

African American History (eDynamic)

1 semester, 0.50 credit

Throughout U.S. history, how have African Americans helped shaped American culture? This course answers that question by tracing African Americans' accomplishments and obstacles, beginning with the slave trade on up to the modern Civil Rights movement. Learn about the political, economic, social, religious, and cultural factors that have influenced African American life, meet individuals who changed the course of history, and explore how the African American story still influences current events.

Anthropology 2: More Human Mysteries Uncovered (eDynamic)

1 semester, 0.50 credit

How does your culture influence you? Many of our ancient cultures and languages were shaped by the geographical locations of our ancestors. And by examining their views on life, death, art, and survival, we begin to understand how ancient cultures flourished. In looking back and learning about cultures, we are better equipped to understand the world around us.

AP® Macroeconomics (Genius)

1 semester, 0.50 credit

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science and history.

AP® Microeconomics (Genius)

1 semester, 0.50 credit

AP® Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP® Microeconomics prepares students for the AP® exam and for further study in business, history, and political science.

AP® Psychology (Genius)

1 semester, 0.50 credit

AP® Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of an introductory college-level survey course, AP® Psychology prepares students for the AP® exam and for further studies in psychology or life sciences.

AP® U.S. History A (Genius) semester 1, 0.50 credit

AP® U.S. History B (Genius) semester 2, 0.50 credit

AP® U.S. History develops critical thinking skills by encouraging multiple views as students realized that there are often multiple accounts of a single historical event that may not be entirely consistent. Electronic discussion groups encourage collaboration, and a variety of practice activities are provided,

from multiple choice actions to advanced interactions. Units include: The Historical Process; Early America; Revolutionary America; The Civil War; Populism and Progressivism; the emergence of the U.S. as a world power; and contemporary themes. This course has been authorized by the College Board® to use the AP® designation.

AP® U.S. Government and Politics (Genius)

1 semester, 0.50 credit

AP® US Government and Politics is a one-semester course in which students learn about the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP® US Government and Politics prepares students for the AP® exam and for further study in political science, law, education, business, or history.

Archaeology: Detectives of the Past (eDynamic)

1 semester, 0.50 credit

Imagine what it must feel like to uncover an artifact from the past! Archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. Explore the techniques, methods, and theories Archaeologists use to conduct their studies to locate and unlock the secrets of a long and colorful past. Let’s get exploring!

Black History in America 1a: Introduction (eDynamic)

1 semester, 0.50 credit

By examining the stories of brave men and women who persevered, built community and contributed to our nation’s goals—sometimes amid great persecution—we can all learn how to pave a brighter future. Learn about the incredible history of Black people who have left a mark on the fabric of the United States to the ways the country has wrestled with its past to understand slavery, emancipation, and the fight for civil rights in our nation.

Black History in America 1b: Exploring the Black Experience (eDynamic)

1 semester, 0.50 credit

By examining the stories of brave men and women who persevered, built community and contributed to our nation’s goals—sometimes amid great persecution—we can all learn how to pave a brighter

future. Learn about the incredible history of Black people who have left a mark on the fabric of the United States to the ways the country has wrestled with its past to understand slavery, emancipation, and the fight for civil rights in our nation.

Contemporary World History A (Genius) semester 1, 0.50 credit
Contemporary World History B (Genius) semester 2, 0.50 credit

Contemporary World History is a yearlong course designed to strengthen learners' knowledge about the modern world. Multimedia tools, including custom videos, custom maps, and interactive timelines, will engage learners as they complete this course. Learners will explore the importance of geography, the influence of culture, and the relationship humans have with the physical environment. They will also focus on the responsibility of citizens, democracy in the United States, U.S. legal systems, and the U.S. economy. Ultimately, learners will complete this course as global citizens with an understanding of how to help and better their community and the world.

Economics (Genius)
1 semester, 0.50 credit

This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System.

Ethnic Studies (Genius)
1 semester, 0.50 credit

In one semester of five units, Ethnic Studies explores the history, culture, and experiences of different ethnic and racial groups. The course looks at the lives of Indigenous peoples, African Americans, Latin Americans, and Asian Americans and Pacific Islanders in the United States. By studying the experiences of people in these groups, you will develop a deeper understanding of their contributions, struggles, and achievements. In this course, you will explore the effects of historical as well as current laws and policies. Many laws and policies have focused on specific groups of people based on race or ethnicity. You will learn about the ways in which ethnic groups have shaped and contributed to American society. You will also explore the obstacles groups have faced while working to gain citizenship and equality. And through discussion, research, and projects, you will learn how the impacts of race, ethnicity, and identity lead people to have very different lives.

Ethnic Studies 1a: Introduction (eDynamic)
1 semester, 0.50 credit

Learning about cultures outside of our own is important when it comes to understanding the human condition. In this course, you will learn about the histories, experiences, cultures, and issues of different racial and ethnic groups all living within United States. You will examine the concepts of identity, dominant culture, and perspective including bias, stereotyping, discrimination, and prejudice. You will also study key events that shaped the nation's history to help you build a better understanding of the United States' varied cultures and their point of view. Let's work to develop a deeper understanding of our peers and embrace our diversity.

Ethnic Studies 1b: Embracing Cultures (eDynamic)

1 semester, 0.50 credit

You have studied the big picture of diverse cultures around you, but now it's time to zoom in and investigate what ethnic studies means to the individual. In this course, you will explore how knowledge of different cultures shapes our views of ourselves, our communities, and the world around us. You will examine the reasons for and outcomes of people moving place to place, mitigation and healing of intergenerational trauma, social movements, alternative futures for marginalized groups, and more. Let's work to develop a deeper understanding of ethnic studies for ourselves and our peers.

High School Civics (Genius)

1 semester, 0.50 credit

National Civics is a one-semester course offering seven units that cover topics including the origins of American government, the structure and function of our government, rights and responsibilities of citizens, the American federal system, political parties and the election process, basic economic principles, and current matters regarding domestic and foreign policy. The course includes a variety of unit and lesson activities that examine the history, culture, and economy of the nation that encourage research and reflection. In these activities, students will examine seminal documents and landmark Supreme Court cases in American political history, analyze changes in federal and executive power over time, explore the political election process and data related to recent voting trends, research and propose a public policy plan, as well as compare and contrast the functions of the national government with state and local governments. The course also prepares students to pass the civics portion of the USCIS Naturalization Test.

High School World History A (Genius) semester 1, 0.50 credit
High School World History B (Genius) semester 2, 0.50 credit

In World History, learners will explore historical world events with the help of innovative videos, timelines, and interactive maps and images. Learners will develop historical thinking skills and apply them to their study of European exploration, the Renaissance the Reformation, and major world

revolutions. They will also study World War I, World War II, the Cold War, and the benefits and challenges of living in the modern world.

High School World History A Honors (Genius) semester 1, 0.50 credit
High School World History B Honors (Genius) semester 2, 0.50 credit

In World History, learners will explore historical world events with the help of innovative videos, timelines, and interactive maps and images. Learners will develop historical thinking skills and apply them to their study of European exploration, the Renaissance the Reformation, and major world revolutions. They will also study World War I, World War II, the Cold War, and the benefits and challenges of living in the modern world.

History of the Holocaust (eDynamic)
1 semester, 0.50 credit

“For the dead and the living, we must bear witness.” Discover the harrowing details of the history of the rise of anti-Semitism that contributed to the start of the Holocaust and the power of the Nazi party. Learn of the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II, and what has been done since to combat genocide.

Holocaust Studies (Genius)
1 semester, 0.50 credit

Holocaust Studies is a one-semester course that describes the tragic mass murder of millions of Jews during the Nazi rule in Germany and its impact on the international community. In this course, students will trace the history of Jews living in Europe and the origins of anti-Semitism. Students will learn about the early life of Adolf Hitler and his rise to power. The course also describes how the Nazis exterminated the Jews and how the Jews resisted. Students will also learn about the liberation of the Jews and the impact of the Holocaust on the non-Jewish community. The course also covers the outcome of postwar trials.

Human Geography: Our Global Identity (eDynamic)
1 semester, 0.50 credit

Modern humans have been roaming the Earth for about 200,000 years. How do the places we live in influence the way we live? How do geography, weather, and location relate to our customs, beliefs, and lifestyles? Learn how diverse people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Let’s explore the important relationship between humans and their environments.

Introduction to Anthropology (Genius)

1 semester, 0.50 credit

Introduction to Anthropology is a one-semester course that introduces students to the field of anthropology. Students will explore the evolution of anthropology as a distinct discipline; learn about anthropological terms, concepts and theories; and discuss the evolution of humans and human society and culture. Students will also learn about social institutions, such as marriage, economy, religion, and polity. The target audience for this course is high school students.

Introduction to Anthropology (eDynamic)

1 semester, 0.50 credit

What makes us human? Is it our ability to use language, tools, or technology? Trace the history of homo sapiens and explore our evolutionary trail through an anthropologic lens to observe our movement from cave dwellers to modern humans. Learn how we forged our way and developed all of the things that make us humans, such as our cultures, languages, and religions.

Introduction to Archaeology (Genius)

1 semester, 0.50 credit

Introduction to Archaeology is a one-semester course that introduces students to the work and techniques involved in archaeology, and the career prospects of an archaeologist. This course covers subject areas such as the history of modern archaeology; discoveries in archaeology; careers in archaeology; research techniques; evidence; site excavation; and many more.

Introduction to Philosophy (Genius)

1 semester, 0.50 credit

Introduction to Philosophy provides students with an introduction to the field of philosophy and its great, timeless questions. This one-semester course is intended as a practical guide to help students understand the subject matter of philosophy, its main branches, and the major ideas and issues discussed in each branch. Students will explore the origin and evolution of philosophy as a discipline and learn about the times, lives, and intellectual contributions of essential philosophers.

Introduction to Women’s Studies: A Personal Journey Through Film (eDynamic)+

1 semester, 0.50 credit

Break down stereotypes and learn about feminism and the women's movement. Learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, "History is Herstory too."

Introduction to World Religions (Genius)

1 semester, 0.50 credit

Introduction to World Religions is a one-semester course that familiarizes students with the origins, history, beliefs, and practices of various prominent world religions, primal religions, and contemporary religious movements. The target audience for this course is high school students. This course covers primal religious traditions, Hinduism, Buddhism, Jainism, Sikhism, Zoroastrianism, Judaism, Christianity, Islam, Confucianism, Taoism, and Shinto and contemporary religious movements.

Personal Financial Literacy (Genius)

1 semester, 0.50 credit

Personal Financial Literacy offers an engaging, scaffolded curriculum that introduces key topics and principles necessary to financial literacy. The one-semester course covers earning and spending; savings and investing; credit and debt; protection of assets; and financial planning and decision-making. Through real-life scenarios and hands-on activities, the course explores choosing among banking and investment options, shopping for an auto loan, choosing among career and college options, financing options for continuing education, planning for retirement, and creating and living within a budget. As a social studies course, Financial Literacy is designed to complement courses in Economics and Mathematics for Personal Finance. This course is built to state standards and further informed by standards from the Council for Economic Education's National Standards for Financial Literacy and the Jump$tart Coalition for Personal Financial Literacy's National Standards in K-12 Personal Finance Education.

Personal Psychology 1: The Road to Self-Discovery (eDynamic)

1 semester, 0.50 credit

Have you ever wondered why you do the things you do? Or how our behavior changes as we age? Psychology can give you the answers! Trace the development of personality and behavior from infancy through adulthood. Are you ready to explore the world of human behavior? Explore all that psychology can offer to help you to truly understand the human experience.

Personal Psychology 2: Living in a Complex World (eDynamic)

1 semester, 0.50 credit

Why do you sometimes remember complex things but forget all of a sudden where you left your shoes? Why is your personality similar or different from your siblings? Why do some things motivate you more than others? Discover how you learn and remember, the impact of stress on your emotions and mental health, and what influences your personality and emotions. Basically, let's explore what makes you 'you'!

Philosophy: The Big Picture (eDynamic)

1 semester, 0.50 credit

Have you ever thought about 'deep' questions like "Who am I?" "What do I really know about the world?" If so, you're not alone. Philosophers are some of the most brilliant and influential thinkers, some of whom have influenced many of our fundamental ideas in Western civilization, such as government, law, and society. Learn about famous philosophers and explore some of the same questions these great thinkers pondered.

Psychology A (Genius) semester 1, 0.50 credit
Psychology B (Genius) semester 2, 0.50 credit

Psychology gives your students an overview of the history of psychology while also giving them the resources to explore career opportunities in the field. Students will learn how psychologists develop and validate theories and will examine how hereditary, social, and cultural factors help form an individual's behavior and attitudes. Students will also evaluate the effectiveness of different types of psychological counseling and therapy and describe key statistical concepts used in psychological research and testing. Finally, students will identify and explore career opportunities in psychology.

Social Problems 1: A World in Crisis (eDynamic)

1 semester, 0.50 credit

War, crime, poverty, global warming, healthcare, effects of media, and more. Explore some of the biggest challenges facing our world today and what led to these social problems. What effects do they have on our lives and societies? What possible solutions exist for solving them? Discover what measures you can take to tackle these issues head-on and start to develop your plan of action.

Social Problems: Crisis, Conflicts and Challenges (eDynamic)

1 semester, 0.50 credit

Sometimes our world is filled with problems. Explore more of the challenges we face as individuals and as a global society and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to homelessness and obesity, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives.

Sociology (Genius)
1 semester, 0.50 credit

In the Sociology course, students will explore the evolution of sociology as a distinct discipline while learning about sociological concepts and processes. They will learn how the individual relates to and impacts society. Students will also learn about the influence of culture, social structure, socialization, and social change on themselves and others. The course combines a variety of content types, including lessons, activities, and discussions to engage learners as the discover sociology as a subject and as a career.

Sociology 1: The Study of Human Relationships (eDynamic)
1 semester, 0.50 credit

Human beings are complex creatures, and when we interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be "human"? Examine answers to these questions and many more as you explore culture, group behavior, and societal institutions and how they affect human behavior.

Sociology 2: Your Social Life (eDynamic)
1 semester, 0.50 credit

Have you ever looked at your social media feed and wondered why there is always so much fighting over social issues? Discover how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Investigate how our lives are shaped by entertainment, social institutions, and social change.

U.S. Government (Genius)
1 semester, 0.50 credit

The interactive, problem-centered, and inquiry-based units in U.S. Government emphasize the acquisition, mastery, and processing of information. Semester A units include study of the foundations of American government and the American political culture, with units 2 and 3 covering the U.S. constitution, including its roots in Greek and English law, and the various institutions that impact American politics.

U.S. History A (Genius) semester 1, 0.50 credit
U.S. History B (Genius) semester 2, 0.50 credit

U.S. History v3.0 is a two-semester course aligned to the principles of the C3 Framework. The course promotes the examination, analysis, and evaluation of important people and events in the history of the United States of America. The course also uses investigative questions to guide the examination and analysis of events. The content of the course is designed to promote understanding of the impacts historical events had on the numerous groups of diverse people who make up the United States. Clarifying Big Ideas (CBI) Lessons appear throughout the course to model critical thinking skills and strategies. These skills and strategies are woven throughout the lessons to allow students to practice using the skills in context. Activities further promote critical thinking about historical figures and encourage learners to analyze factors that impacted the decisions these figures made to shape the growth and development of the United States. The activities have learners analyze and evaluate primary and secondary sources and have them form opinions while using evidence to support their opinions.

World Geography A (Genius) semester 1, 0.50 credit
World Geography B (Genius) semester 2, 0.50 credit

In an increasingly interconnected world, equipping students to develop a better understanding of our global neighbors is critical to ensuring that they are college and career ready. These semester-long courses empower students to increase their knowledge of the world in which they live and how its diverse geographies shape the international community. Semester A units begin with an overview of the physical world and the tools necessary to exploring it effectively. Subsequent units survey each continent and its physical characteristics and engage students and encourage them to develop a global perspective.

Women's Studies (Genius)
1 semester, 0.50 credit

Women’s Studies is a one-semester course that introduces students to women’s studies, gender studies, and gender roles. The course traces the history of feminism, analyzes feminist theories, and examines intersectionality. Students will learn about social and political movements for the rights of women and other vulnerable groups. Students will also learn about social and family structures and socialization, which include identifying prejudices, biases, and stereotypes that exist in society and how the media perpetuates some stereotypes about gender roles and identities. The course also covers different forms of oppression, ways to prevent oppression, and methods to help and empower victims. Students will learn about international activism for gender equality, legal rights, and the challenges in achieving equality for all citizens from every section of society. The course combines a variety of content types, including lessons, activities, and discussions to engage learners as they discover the significance of women’s studies.

World History Survey A (Genius) semester 1, 0.50 credit
World History Survey B (Genius) semester 2, 0.50 credit

In World History Survey, learners will study major historical events from early human societies through to the present day. Multimedia tools including custom videos as well as videos from the BBC, custom maps, and interactive timelines will help engage learners as they complete this year-long course. Topics of study include early civilizations, world religions, the Renaissance, the World Wars, and the globalized world of today.

World Religions: Exploring Diversity (eDynamic)
1 semester, 0.50 credit

Throughout the ages, religions worldwide have shaped the political, social, and cultural aspects of societies. Explore the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Trace the major developments in these religions and examine their relationships with social institutions and culture, as well as the similarities and differences and connections and influences they have.

ENGLISH

AP® English Language and Composition A (Genius) semester 1, 0.50 credit
AP® English Language and Composition B (Genius) semester 2, 0.50 credit

In AP® English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP® exam and for further study in communications, creative writing, journalism, literature, and composition. Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP® Exam.

AP® English Literature and Composition A (Genius) semester 1, 0.50 credit
AP® English Literature and Composition B (Genius) semester 2, 0.50 credit

Each unit of AP® English Literature and Composition is based on a researched scope and sequence that covers the essential concepts of literature at an AP level. Students engage in in-depth analysis of literary works in order to provide both depth and breadth of coverage of the readings. Units include Close Analysis and Interpretation of Fiction, Short Fiction, the Novel, and Poetic Form and Content. Writing activities reinforce the reading activities and include writing arguments, analysis, interpretation, evaluation, and college application essays.

Business English A (Genius) semester 1, 0.50 credit
Business English B (Genius) semester 2, 0.50 credit

Business English is designed to strengthen students' ability to read and write in the workplace. Writing for business purposes is a main focus of the course. Students will learn how to communicate effectively through email and instant messaging, as well as format specific types of business messages and workplace documents. The role of digital media, visuals, and graphics in workplace communication will be explored. The importance of professionalism, ethics, and other positive skills are also emphasized in the course. Additionally, guidance is provided to help students through the process of searching, applying, and interviewing for a job.

Communication Applications (Genius)

1 semester, 0.50 credit
This course fulfills Clonlara's speech requirement.

Communication Applications is a one-semester course that teaches students how to become effective at verbal and nonverbal expression. In a rapidly changing world filled with constantly evolving technology, social media, and social networking, students need skills to send clear verbal and nonverbal messages and adapt those messages to multiple contexts. Students need to prepare to identify, analyze, develop, and evaluate communication skills in personal, academic, and professional interactions. Major topics in Communication Applications include intrapersonal and interpersonal interaction, informal communication and interviewing, and preparing and delivering informal, informational, and persuasive addresses. Students also engage in recognizing bias, elements of ethical communication, conflict resolution, evaluating media messages, group dynamics, and participate in peer review.

Creative Writing (Genius)

1 semester, 0.50 credit

Creative Writing is designed to get students to pursue creative writing as a vocation or as a hobby. To that purpose, it exposes them to different genres and techniques of creative writing and the key elements (such as plot and characterization in fiction) in each genre. Great creative writing doesn't come merely by reading about the craft—one also needs ideas; a process for planning, drafting and

revising; and the opportunity to experiment with different forms and genres. The lessons in this course familiarize students with the basic structure and elements of different types or genres of writing.

Creative Writing (eDynamic)

1 semester, 0.50 credit

Literature is an important form of art that allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of reality. Explore the writing process and find inspiration to build a story of your own and learn literary techniques to create hybrid forms of poetry and prose. Let's turn your creative thoughts and ideas into pieces of creative writing.

Creative Writing: Unleashing the Core of your Imagination (eDynamic)

1 semester, 0.50 credit

Writing can change the world. Think about the Declaration of Independence, the Bill of Rights, and Lincoln's 2nd In Augural Address. How have these writings shaped our country and the future? While you learn how to unleash the core of your imagination to develop your own creative writing, you'll also explore creative writing through foundational literary works from the 18th to 20th century of Colonialism to American Gothic to Modernism, and everything in between, while evaluating original writings and their interpretations.

English 09 A (Genius) semester 1, 0.50 credit
English 09 B (Genius) semester 2, 0.50 credit

English 09 v7.0 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for English Language Arts. In addition to an emphasis on alignment, the redesigned lessons are designed based on a clear thematic connection and build upon each other ensuring that standards are scaffolded and covered multiple times going deeper with each lesson. Texts in this course are diverse, authentic, complex, and rich in length. Students encounter texts multiple times over the course of a unit digging deeper in theme and focus standards. Each lesson follows a clear instructional model mirroring that of the traditional tier one lesson cycle: warm-up, direct teach with modeling, guided practice, independent practice, and closure. Instructional best practices are embedded throughout lessons such as close reading, modeling, and chunking. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

English 09 A Honors (Genius) semester 1, 0.50 credit
English 09 B Honors (Genius) semester 2, 0.50 credit

English 09 v7.0 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for English Language Arts. In addition to an emphasis on alignment, the redesigned lessons are designed based on a clear thematic connection and build upon each other ensuring that standards are scaffolded and covered multiple times going deeper with each lesson. Texts in this course are diverse, authentic, complex, and rich in length. Students encounter texts multiple times over the course of a unit digging deeper in theme and focus standards. Each lesson follows a clear instructional model mirroring that of the traditional tier one lesson cycle: warm-up, direct teach with modeling, guided practice, independent practice, and closure. Instructional best practices are embedded throughout lessons such as close reading, modeling, and chunking. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

English 10 A (Genius) semester 1, 0.50 credit
English 10 B (Genius) semester 2, 0.50 credit

English 10 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for English Language Arts. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. This new design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials. This fresh new look and feel for the course was inspired by educator feedback. English 10 reflects our commitment to

standards alignment and putting the needs of educators and learners first in all aspects of course design.

English 10 A Honors (Genius) semester 1, 0.50 credit
English 10 B Honors (Genius) semester 2, 0.50 credit

English 10 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for English Language Arts. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. This new design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials. This fresh new look and feel for the course was inspired by educator feedback. English 10 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

English 11 A (Genius) semester 1, 0.50 credit
English 11 B (Genius) semester 2, 0.50 credit

English 11A explores the relation between American history and literature from the colonial period through the realism and naturalism eras. English 11B explores the relation between American history and literature from the modernist period through the contemporary era and presents learners with relevant cultural and political history. Readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. The lessons in both semesters focus on developing grammar, vocabulary, speech, and writing skills.

English 11 A Honors (Genius) semester 1, 0.50 credit
English 11 B Honors (Genius) semester 2, 0.50 credit

English 11A explores the relation between American history and literature from the colonial period through the realism and naturalism eras. English 11B explores the relation between American history and literature from the modernist period through the contemporary era and presents learners with relevant cultural and political history. Readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. The lessons in both semesters focus on developing grammar, vocabulary, speech, and writing skills.

English 12 A (Genius) semester 1, 0.50 credit
English 12 B (Genius) semester 2, 0.50 credit

In keeping with the model established in English 11, these courses emphasize the study of literature in the context of specific historical periods, beginning with the Anglo-Saxon and medieval periods in Britain. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. Semester B covers the romantic, Victorian, and modern eras. End of unit tests ensure mastery of the concepts taught in each unit, and exemptive pretests allow students to focus on content that they have yet to master.

English 12 A Honors (Genius) semester 1, 0.50 credit
English 12 B Honors (Genius) semester 2, 0.50 credit

In keeping with the model established in English 11, these courses emphasize the study of literature in the context of specific historical periods, beginning with the Anglo-Saxon and medieval periods in Britain. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. Semester B covers the romantic, Victorian, and modern eras. End of unit tests ensure mastery of the concepts taught in each unit, and exemptive pretests allow students to focus on content that they have yet to master.

Gothic Literature (Genius)
1 semester, 0.50 credit

Gothic Literature is a one-semester course intended to familiarize students with the different conventions, themes, and elements of Gothic literature through the analysis of representative literary works. Students will discuss classics such as Mary Shelley’s novel Frankenstein, Ann Radcliffe’s novel, A Sicilian Romance, Nathaniel Hawthorne’s novel, The Scarlet Letter, Robert Louis Stevenson’s Gothic novella, The Strange Case of Dr. Jekyll and Mr. Hyde, and Bram Stoker’s Dracula. Students will also analyze Edgar Allan Poe’s Gothic short stories, Robert Browning’s Gothic poems, and Emily Dickinson’s poems about death, mortality, and spirituality. Finally, students will get a glimpse of Matthew Lewis and Percy Bysshe Shelley’s Gothic dramas; learn about Gothic parodies and Gothic subgenres; and discuss contemporary Gothic literature.

Gothic Literature: Monster Stories (eDynamic)

1 semester, 0.50 credit

It was a dark and stormy night, and the vampires, ghouls, and undead were on the prowl… Gothic Literature is riddled with the spooky, but did you know that this genre is so much more than a scary form of entertainment? In Gothic Literature, you'll learn about how some of the world's greatest authors from the 19th century through today used Gothic elements to tackle issues that needed serious attention: the class system, gender norms, racism, social injustice, and more! Grab your monster gear and explore why Gothic literature has retained its appeal even with today's audiences.

Journalism 1a: Introduction (eDynamic)

1 semester, 0.50 credit

Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field.

Journalism 1b: Investigating the Truth (eDynamic)

1 semester, 0.50 credit

Journalists are asked to tell the world a story every single day—and their job is, to tell the truth. Learn how to choose a topic, structure your story, research facts, hone your observational skills, and write an article following journalism tradition. Go beyond the print world and discover how journalism can lead to exciting careers that will put you right in the action.

Mythology and Folklore (Genius)

1 semester, 0.50 credit

Mythology and Folklore is a one-semester course that introduces students to myths, legends, and folklore from around the world. In this course, students will describe myths related to the creation of the world, the natural elements, and the destruction of the world. Students will identify the main characters of various dynastic dramas, love myths, and epic legends and describe their journeys. Finally, students will trace the evolution of folklore and describe folktales from around the world.

Mythology and Folklore: Legendary Tales (eDynamic)

1 semester, 0.50 credit

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.

Professional Communication (eDynamic)+

1 semester, 0.50 credits
This course fulfills Clonlara's speech requirement.

In today's global economy, professional communication is no longer limited to the basics of reading, writing, speaking, and listening. In this course, you will focus on communication in many forms- written, oral, graphic, and technological- in the workplace to enhance career options while learning how to address conflict and communicate with cultural competency. By the end of this course, you'll have the basics you need to be a standout communicator in a professional setting.

Public Speaking 1a: Introduction (eDynamic)

1 semester, 0.50 credit
This course fulfills Clonlara's speech requirement.

Do you strive to gain more confidence when speaking in front of people? Learn techniques from famous speakers throughout history while learning what it takes to make a great speech. Develop skills that will serve you well throughout your career and personal life.

Public Speaking 1b: Finding your Voice (eDynamic)

1 semester, 0.50 credit

Bring your speeches to life by learning about body language, vocal, and other techniques. Learn about logic and reason while gaining the confidence to help create and deliver great presentations and speeches. You will also critically examine your speeches and presentations and those of others to improve upon your in-person and virtual presentation skills.

Reading and Writing for Purpose (eDynamic)+

1 semester, 0.50 credit

As you move through high school to college or to your career, the types of writing and documents become more high stakes. Real-world information can be journalistic and researched-based articles, legal, insurance, college entrance forms, employment, vehicle-related documents, and more. Learn how to critically read, write, and evaluate real-world writings to set you up for your future success.

Structure of Writing (Genius)
1 semester, 0.50 credit

This semester-long course focuses on building good sentences. Students will learn how to put words, phrases, and clauses together and how to punctuate correctly. They will start using sentences in short compositions. As an extra bonus, students will add some new words to their vocabulary, and they will practice spelling difficult words. Near the end of the course, students are to submit a book report. Early in the course, encourage students to start looking for the books they want to read for the book report. They might also preview the introduction to that lesson so they know what will be expected.

The Lord of the Rings: An Exploration of the Films and their Literary Influences (eDynamic)+
1 semester, 0.50 credit

The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.

ELECTIVES

Languages

American Sign Language 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Did you know that American Sign Language (ASL) is the third most commonly used language in North America? Learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness.

American Sign Language 1b: Learn to Sign (eDynamic)+
1 semester, 0.50 credit

The predominant sign language of Deaf communities in the United States, American Sign Language, is complex and robust. Discover more of this language and its grammatical structures through expanding your vocabulary with acquiring hundreds of new signs. Additionally, explore interesting topics like Deaf education and Deaf arts and culture, and learn about careers where you can use your ASL skills.

American Sign Language 2a: Communicating (eDynamic)+
1 semester, 0.50 credit

It's time to move beyond introductory ASL signs and start forming more compelling signs for communication. Explore how expressions can enhance signs and lend dimension to conversations, while learning vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies.

American Sign Language 2b: Advancing Communication Skills (eDynamic)+
1 semester, 0.50 credit

Ready to dive deeper into learning about the Deaf community, culture, and language? Learn about sequencing, transitions, role-shifts, and future tenses. Discover how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristics of this course.

American Sign Language 3a: Community and Culture (eDynamic)+
1 semester, 0.50 credit

As you dive into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives, you'll learn, compose, and present your new-found vocabulary and narratives by immersing yourself in Deaf culture and community. From opinions, slang, and idioms, to using technology and media that offers authentic Deaf perspectives. Explore how travel, cultural differences, and geography affect sign language. And gain a better understanding of Deaf culture by learning important events and examining topics such as education, science, and literature.

American Sign Language 3b: Conversations and Culture (eDynamic)+
1 semester, 0.50 credit

Are you ready to discover ways in which Deaf culture influences the world in general? After all, the concept of culture goes far beyond an understanding of Deaf history. Through discussing Deaf culture and experiences, you'll advance your signing skills by developing verb tenses, grammar, and syntax. Apply your language skills in real conversation activities and through opportunities to debate real issues. It's also time to explore the next steps in education and career opportunities for your new intermediate ASL skills.
and eager to progress.

French 1 A (Genius)

1 semester, 0.50 credit

In French 1A, they will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. Students will also learn about some regions of the French-speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French 1 B (Genius)

1 semester, 0.50 credit

In French 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they learned in the French 1A course and communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French 2 A (Genius)

1 semester, 0.50 credit

In French 2A, students will be reintroduced to French in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. Students will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, they will discuss different types of cuisine, dining establishments, and dining etiquette. Students will build on what they learned in the French 1B course to communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French 2 B (Genius)

1 semester, 0.50 credit

In French 2B, students will be reintroduced to French in common situations, beginning with various professions and career plans for the future. They will discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. Students will also describe different hobbies, activities, and crafts that people enjoy. Finally, they will discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. Students will build on what they learned in the French 2A course to communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German 1 A (Genius)

1 semester, 0.50 credit

In German 1A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their German studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German 1 B (Genius)

1 semester, 0.50 credit

In German 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they have learned in the German 1A course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German 2 A (Genius)

1 semester, 0.50 credit

In German 2A, students will be reintroduced to German in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what they learned in the German 1B course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German 2 B (Genius)

1 semester, 0.50 credit

In German 2B, students will be reintroduced to German in common situations, beginning with various professions and career plans for the future. They will discuss traveling to various regions and the flora and fauna found in each region and describe types of trips, including road trips, camping, and ecotourism. They will also describe hobbies, activities, and crafts that people enjoy. Finally, students will discuss medical specialists, including dentists and veterinarians, and symptoms related to illness and injury. They will build on what they learned in the German 2A course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 1 A (Genius)

1 semester , 0.50 credit

In Spanish 1A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of social life. Students will start with basic sentence structures and grammatical tools, and they will learn to communicate by listening, speaking, reading, and writing in Spanish as they learn new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting.

Spanish 1 B (Genius)

1 semester, 0.50 credit

In Spanish 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being and travel and tourism. They will build on what they learned in the Spanish 1B course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 2 A (Genius)

1 semester, 0.50 credit

In Spanish 2A, students will be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. Students will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what you learned in Spanish 1B to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 2 B (Genius)

1 semester, 0.50 credit

In Spanish 2B, students are reintroduced to Spanish in common situations, beginning with various professions and career plans for the future. They will discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. They will also describe different hobbies, activities, and crafts that people enjoy. Finally, students will discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. They will build on what they have learned in the Spanish 2A course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. They will build on

this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 3 A (Genius)

1 semester, 0.50 credit

In Spanish 3A, students will be reintroduced to Spanish in common situations, beginning with various daily routines, describing friends and family, childhood memories and activities, and childhood hopes and aspirations. They will discuss and describe art, such as paintings and sculptures, and literature, such as novels and novellas, and give reactions and form opinions about art and literature. Students will also understand the process of selecting and applying to a university, aspirations at the university, and dealing with leaving home and moving into a dormitory. Further, students will describe university life and expectations from the university experience. They will explore the dynamics and challenges of multiethnic and developing societies, environmental and social issues, causes and possible resolutions, and learning about unfamiliar countries using technology. Finally, they will discuss current events reported in the media, different types of classified and other types of advertisement in the media (both print and online), the sections and supplements of a newspaper or magazine, and various jobs available in the media. Students will build on what they learned in Spanish 2 to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 3 B (Genius)

1 semester, 0.50 credit

In Spanish 3B, students will be reintroduced to Spanish in a variety of situations, beginning with multiculturalism, bilingualism, cultural influences on traditions, customs, food, and social experiences, and legends and folklore from different cultures. Students will discuss and describe genres of music, poetry, drama, and short stories, and proverbs from different cultures. They will also explore how geographical features affect the weather, and how the geography and weather affect the clothing, food, and livelihoods of the local population. Students will also understand the history of Venezuela and how the Spanish conquerors and indigenous people shaped the culture of the country, and they will learn about the South American independence movement, including some significant freedom fighters and their struggles to win independence. They will also discuss religions practiced in Argentina, the cultural icons of the country and how they compare to cultural icons from other countries, sports and activities in Argentina, some national symbols, such as the gauchos, and idioms and sayings from Argentina. Finally, students will discuss types of wildlife and natural and agricultural resources found in Costa Rica, the human resources of the country that help overcome economic and natural disasters, and how to write formal and informal letters to share experiences. They will build on what they learned in Spanish 3A to communicate by listening, speaking, reading, and writing in

Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Arts

3D Modeling 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself!

3D Modeling 1b: Set the Scene (eDynamic)+
1 semester, 0.50 credit

Many buildings that are rendered in the real world first are constructed in a digital 3D world that depicts the aesthetics, environment, and conditions of what will come to be. In this course, you will be introduced to the tools and techniques needed to create works of 3D art. You will bring your objects to life with color, textures, lighting, and shadow all while simulating the movement of world around. Are you ready to bring beautiful objects to life in a 3D world? Let's get started today!

Animation 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation!

Animation 1b: Animating your Creativity (eDynamic)+
1 semester, 0.50 credit

Ready to turn your ideas into amazing animations? In this course, you will learn everything from basic shapes to crafting stories and developing characters with personality. You will explore 3D animation, discovering how to make storyboards, set up cameras, use tools like lighting, texturing, and rendering to make your work stand out. But that's not all – you will also add sound, like music, effects, and ambient noise, to make your animations come alive. Whether you're just starting out or levelling up your skills, this course will help you create animations that are professional-quality and awesome.

Art History and Appreciation (Genius)

1 semester, 0.50 credit

This course explores the main concepts of art, expression, and creativity as it helps students answer questions such as what is art; what is creativity; and how and why people respond to art. It covers essential design principles such as emphasis, balance, and unity. Units include: Art, History, and Culture; Western and World Art Appreciation; and Art and the Modern World.

Art in World Cultures (eDynamic)+

1 semester, 0.50 credit

Art tells a story. Go on a journey of when humans began creating art in prehistoric times to ancient Roman, early Christian, and Medieval periods. Explore the artistic characteristics of the Renaissance, Americas, Baroque, Romantic, and more. Learn the elements and design principles of art, and about some of the greatest artists in the world, while creating your own art, both on paper and digitally. It's time to tell your story through art

Audio/Video Production 1 A (Genius) semester 1, 0.50 credit
Audio/Video Production 1 B (Genius) semester 2, 0.50 credit

Audio/Video Production 1 is designed to enable students to learn the basics of audio/video production. The course will help students develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities, video production (including using advanced techniques), and careers and ethics in audio/video production. The course is based on Career and Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the audio/video production industry.

Audio/Video Production 2 A (Genius) semester 1, 0.50 credit
Audio/Video Production 2 B (Genius) semester 2, 0.50 credit

Audio/Video Production 2 is designed to enable students to develop the knowledge and skills related to audio/video techniques that they can use in their careers. This course covers the elements of audio/video production, preproduction activities, production activities, postproduction activities,

media production techniques, media formats and distribution, and media ethics and critique. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the audio/video production industry.

Audio/Video Production 3 A (Genius) semester 1, 0.50 credit
Audio/Video Production 3 B (Genius) semester 2, 0.50 credit

Audio/Video Production 3 is designed to enable students to understand basic concepts in audio/video manufacturing. Students will learn about preproduction techniques, advanced production techniques, advanced post-production techniques, mastering production techniques, special effects and animation, and audio/video careers and production laws. The course is based on Career Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in audio/video production.

Digital and Interactive Media A (Genius) semester 1, 0.50 credit
Digital and Interactive Media B (Genius) semester 2, 0.50 credit

Digital and Interactive Media is a comprehensive introduction to careers in the rapidly expanding world of digital art. The course covers creative and practical aspects of digital art as well as careers, training, and emerging technologies in digital media. Students will learn concepts involved in digital media, such as graphic design, principles of design, digital printing, digital communication systems, and digital publishing. This course explores various career options and students will create a digital portfolio.

Digital Design 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Are you an artistic person drawn to the idea of creating graphic elements? Then a career in digital design may be for you! In this course, you will learn the basic principles of design, the tools needed to succeed in the industry and how to design objects for specific purposes and audiences. You'll also learn how to market yourself and open your own design business all while building a portfolio. Let's align your skills and dreams today for a career in digital design!

Digital Design 1b: Express your Ideas Visually (eDynamic)+
1 semester, 0.50 credit

Are you ready to dig deeper and discover more about the world of digital design? In this course, you will continue building the foundational skills necessary to become a successful graphic designer. You will learn and apply effective communication and people skills, explore and implement the design process, create images, properly use equipment, and evaluate and market your own designs. By the

end of the course, you'll better be able to decide if a career in digital design is for you… and if the answer is yes, you'll be well on your way to designing a bright future!

Digital Media Web Design 2a: Build a Portfolio Website (eDynamic)+

1 semester, 0.50 credit

Did you know that you are consuming digital media every time you open an app or use your computer or tablet? Digital media may be a webpage, video, image, podcast, form, or more. Explore how you can develop webpages that embed different media and interactivity for excellent user experience through programming languages such as HTML and CSS. Examine trends and opportunities, education requirements, student organizations, and industry certification options. It's your turn to start designing websites and experiences for digital media consumers.

Digital Media Web Design 2b: Build an eCommerce Website (eDynamic)+

1 semester, 0.50 credit

Think of the best online stores you've visited. What do you think makes them unique? How do they keep buyers engaged and purchasing? Before you can design a great eCommerce store, it's essential to understand how one works. Learn the trends, design principles, and security strategies. Explore what it means to adhere to ethical and legal requirements and complying with industry standards and accessibility. It's time to start designing the next best eCommerce site!

Digital Photography 1a: Introduction (eDynamic)+

1 semester 0.50 credit

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.

Digital Photography 1b: Creating Images with Impact (eDynamic)+

1 semester, 0.50 credit

Let's further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring your photos to life, and using this knowledge, build a portfolio of your work to pursue a career in this field!

Digital Photography: Discovering your Creative Potential (eDynamic)

1 semester, 0.50 credit

We are surrounded by images, in advertisements, on websites, in magazines, and on billboards. Learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own. Examine various aspects of the photography field including specialty areas, ethics, and famous photographers throughout history.

Graphic Design and Illustration A (Genius) semester 1, 0.50 credit
Graphic Design and Illustration B (Genius) semester 2, 0.50 credit

The Graphic Design and Illustration course allows students to develop an understanding of the industry with a focus on topics such as history of graphic design, types of digital images, graphic design tools, storing and manipulating images, design elements and principles, copyright laws, and printing images. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in careers in the graphic design industry.

Introduction to Visual Arts (Genius)
1 semester, 0.50 credit

Introduction to Visual Arts is designed to enable all students at the high school level to familiarize themselves with different types of visual arts. Students will trace the history of art, describe various art forms, and identify the elements of art. After examining the principles of design, students will delve into the parameters involved in evaluating and critiquing art.

Music Appreciation (Genius)
1 semester, 0.50 credit

In a time of an increasing emphasis on STEM courses and skills, it remains essential to provide your students with opportunities to explore the arts from both an informational and career-oriented perspective. In Music Appreciation, students will explore the history and evolution of music, learn the elements of music and musical notations, and the contributions of popular music artists and composers. A variety of lessons, activities, and discussions will help to develop an awareness and appreciation of music that will develop not only critical thinking skills, but life enriching skills as well.

Music Appreciation: The Enjoyment of Listening (eDynamic)
1 semester, 0.50 credit

Have you ever heard a music piece that made you want to get up and dance, sing, or even cry? Regardless of the genre, music moves us. Explore the elements and pieces of music. And learn through the historical context, musicians and composers, and influence of music from the Middle Ages to the 21st century, on how to listen and really hear the different music that makes up our world.

Principles of Arts, Audio/Video Technology, and Communications A (Genius) semester 1, 0.50 credit
Principles of Arts, Audio/Video Technology, and Communications B (Genius) semester 2, 0.50 credit

Principles of Arts, A/V Technology, and Communications appeals to students' familiarity with a variety of sensory inputs and stimuli. With an emphasis on visual arts, the lessons in the course introduce learners to careers in design, photography, performing arts, fashion, and journalism, among others. This course covers inherently engaging topics that will stimulate your students as they consider careers in which the arts, technology, and communications intersect.

Professional Photography A (Genius) semester 1, 0.50 credit
Professional Photography B (Genius) semester 2, 0.50 credit

Few recent technical innovations have changed an industry as fundamentally as digital photography has changed everything about the way we capture our lives in the way we take, edit, store, and share pictures. Professional Photography provides a practical, hands-on guide to help students understand the skills required to achieve success in photography careers. This course will cover various topics, such as types of photography, using digital cameras, photographic lighting and composition, manipulating images, printing photos, darkroom development, evaluating photographs, and print production. By the end of the courses, students will learn how to create a photography portfolio.

Theater, Cinema, and Film Production (Genius)
1 semester, 0.50 credit

Theater, Cinema, and Film Production is a one-semester course that explores what goes into the making of a theater and film production. The course’s lessons focus on the pre-production, production, and post-production stages of theater and film productions. Students will be introduced to theater and film, and their different genres and subgenres. They will also learn about roles and responsibilities of the cast and crew, including the director, actors, screenplay writers, set designers, wardrobe stylists and costume designers, and makeup artists. The course also covers technical aspects, such as lighting and sound. Students will also learn about the influence of the audience on theater, cinema, and film production. The course combines a variety of content types, including lessons, activities, and discussions to keep students engaged as they discover the world of theater, cinema, and film production.

Theatre, Cinema and Film Production 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Lights! Camera! Action! Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life!

Theatre, Cinema and Film Production 1b: Lights, Camera, Action! (eDynamic)+

1 semester, 0.50 credit

Lights, camera, action … take two! Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen.

Information Technology

Advanced Networking 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

The world has never been more connected than it is today and through advancing network technologies, tomorrow will be even more tightly united. In this course, you will learn about a variety of different networks, their layers, and the different needs they address. You'll uncover best practices for setting up secure remote access connections, techniques to troubleshoot and think strategically, and correct documentation. Lastly, you'll learn tips to successfully communicate in the workplace. Get ready to support tomorrow's connectedness today!

Advanced Networking 1b: Protecting Your Network (eDynamic)+

1 semester, 0.50 credit

You've learned the basics of networks, and now it's time to dig deeper into the intricacies and inner workings of these channels. In this course, you'll learn the methods used to manage traffic, transmissions, and users based on organizational needs and the important decisions that go into building an optimal network. You'll explore types of malicious attacks and the role that risk management plays in the strategic planning to prepare for, monitor, and efficiently remediate damage. Lastly, you'll investigate processes that can be used to prevent, monitor, and notify of these events to employ action plans quickly. Get ready to advance your networking prowess! Let's get started!

AP® Computer Science A (Genius)

1 semester, 0.50 credit

AP® Computer Science is designed to introduce students to the basic concepts of computer programming. Students learn how to compile and run a Java program. They learn to use arithmetic, relational, and logical operators. They learn to use different decision-making and loop statements. They learn to create classes, methods, String objects, and an ArrayList object. They learn to perform sequential search, binary search, selection sort, and insertion sort on an array. They learn to implement object-oriented programming design. They learn to implement inheritance, polymorphism, and abstraction. Further, they describe privacy and legality in the context of computing.

Artificial Intelligence (Genius)

1 semester, 0.50 credit

This one-semester course is focused on the history, applications, and innovations of artificial intelligence. Students will learn about intelligence agents, problem solving using search algorithms, knowledge representation, and reasoning in artificial intelligence. Students will also learn about the basic concepts of machine learning and natural language processing (NLP). Students will also learn about expert systems, computer vision and robotics. This 12-lesson course also covers ethics and safety related to artificial intelligence. Online discussions and course activities require students to develop and apply critical thinking skills, while the included games appeal to a variety of learning styles and keep students engaged.

Coding 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret?

Coding 1b: Plan, Design and Develop (eDynamic)+

1 semester, 0.50 credit

You have already learned a lot about the language of coding, and now, it's time to become even more fluent and multilingual! In this course, you'll continue working with Python, but you'll also add other languages like HTML, CSS, and JavaScript to your coding toolkit as you build and style a web

app! You'll explore data structures to process information, how to stay on schedule and prepare for app updates, and how to improve the functionality, look, and safety of your app. Each new coding challenge we meet invites us to expand our skills, and there's always room for creativity when you you're working with code. Let's get to it!

Computer Applications (Genius)

1 semester, 0.50 credit

Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study web publishing and design, spreadsheets and database software. This course allows students to explore careers in the fields of business and information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them. Computer Applications is an introductory level Career and Technical Education course applicable to programs of study in Business Management and Administration, Information Technology, and other career clusters.

Computer Maintenance 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Computers are soldered into all aspects of our daily life, and when they stop working, it can seem like our network has collapsed. If you are fascinated by the inner workings of computers and how to keep them running, then a career in computer maintenance may be for you! In this course, you'll learn how computers are set up starting with the software and operating systems and what to do when hardware and software issues are encountered. You'll learn different types of data communication, various power supply units, essential components like motherboards and memory and much more! Grab your personal expansion card, and let's hardwire some new knowledge about computer maintenance.

Computer Maintenance 1b: Network Needs (eDynamic)+

1 semester, 0.50 credit

Almost anywhere we go today, from malls to coffee shops, and even our homes are an intertwined web of wired, wireless, and cloud-based networks that access our personal data. In this course, you'll dig into computer networks and their extensive capabilities. You'll explore data exposure and how to

mitigate threats, discuss the fundamentals of network design and layout, learn how cloud-based services store data, discover the differences between wired and wireless networks, and dream of possibilities as you explore fun network options like smart home systems. Let's continue navigating the complex world of computer maintenance.

Computer Programming 1 A (Genius) semester 1, 0.50 credit
Computer Programming 1 B (Genius) semester 2, 0.50 credit

Computing for College and Careers is intended as a practical, hands-on guide to help students understand basic computer skills required in their college education as well as in their career. This course covers basic computer hardware components, software applications, productivity applications such as word processing software, spreadsheet software, and presentation software, and new hardware and software technologies such as virtualization, cloud computing, green computing, and blockchain technology. This course also explores various career options and provides guidelines on privacy, security, and ethical issues related to software and internet use.

Computer Science Essentials (Genius)
1 semester, 0.50 credit

Computer Science Essentials offers a focused curriculum designed around foundational computer science concepts, including computer systems, programming, networks, and data management. The course also introduces students to foundational computer science skills such as coding, troubleshooting, and being a responsible digital citizen. Course topics include the history and impact of computers; careers in computer science; computing laws and ethics; bias and equity issues in computing; algorithms and coding; data storage, organization, and analysis; hardware and software; robotics; networks and the internet; cybersecurity and online safety; website design; and the use of abstraction in computing. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. A variety of activities encourage students to explore different aspects of computer science. Lab activities guide students through coding their own programs. Project and Explore activities reinforce critical thinking, research, writing, and communication skills. In addition, Project activities guide students through the development of different types of computer artifacts. In Discussions, students conduct research on current computing topics and then exchange ideas with their peers. Practice activities provide additional opportunities for students to apply learned concepts and practice their writing, reasoning, and computer literacy skills.

Computing for College and Careers A (Genius) semester 1, 0.50 credit
Computing for College and Careers B (Genius) semester 2, 0.50 credit

Computing for College and Careers is intended as a practical, hands-on guide to help students understand basic computer skills required in their college education as well as in their career. This course covers basic computer hardware components, software applications, productivity applications such as word processing software, spreadsheet software, and presentation software, and new hardware and software technologies such as virtualization, cloud computing, green computing, and blockchain technology. This course also explores various career options and provides guidelines on privacy, security, and ethical issues related to software and internet use.

Computing for College & Careers 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Technology has made an impact on nearly all facets of our lives, and it will continue to make an impact on yours as you make your way into college and career! In this course, you are going to pull back the veil on what goes into some of the technology we use every day. You will investigate computer hardware and software and learn what goes into building a computer while exploring programs and applications, you'll study the history of the internet and how to use its capabilities even more effectively, and you'll also dive deep into email and some of today's most powerful processing tools. Get ready to really know the technology you have at your fingertips so you can continue to make it work for you!

Computing for College & Careers 1b: Refining Your Interests (eDynamic)+

1 semester, 0.50 credit

You have looked at the building blocks of some technologies you use on a daily basis, and now it's time to dig even deeper to see how it can help determine your future! In this course, you'll analyze modern websites, learn design elements and principles, and even create your very own website. You'll learn to write algorithms, use common web languages, and explore some of the basics of AI all while becoming a good digital citizen. Lastly, you'll explore various careers in computing, learn about industry certifications, and see how a resume and portfolio can help you. Let's look to the future!

Concepts of Engineering and Technology (eDynamic)

1 semester, 0.50 credit

Learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. Explore the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. By examining astounding engineering feats and complex ongoing issues, you'll begin to question whether the word impossible really exists

Cybersecurity 1a: Foundations (eDynamic)+

1 semester, 0.50 credit

We depend more on the technologies we interact with every day; and we put more and more of our personal data out there online. Can all of that data really be kept “secret”? Learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. Dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

Cybersecurity 1b: Defense Against Threats (eDynamic)+

1 semester, 0.50 credit

Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyberattacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. Cybersecurity will play an increasingly larger role in our personal and professional lives in the years to come.

Digital Media Fundamentals 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Discover your talent for building digital media applications using text, graphics, animations, sounds, videos, and more! Learn about the elements that make impressive media, such as typography, color theory, design, and manipulation. Explore careers to apply your digital media skills and find your place in this fast-paced and exciting field!

Digital Media Fundamentals 1b: Producing for the Web (eDynamic)+

1 semester, 0.50 credit

Let’s polish your digital media skills and help you learn all about web design. Incorporate your creative ideas into websites and discover the basics of marketing to understand how your work can be used effectively. You’ll also explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career in this exciting field.

Foundations of Game Design 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game!

Foundations of Game Design 1b: Storytelling, Mechanics, and Production (eDynamic)+

1 semester, 0.50 credit

Now that you have the basics of game design down, let's use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.

Game Design 2a: Build a World (eDynamic)+

1 semester, 0.50 credit

Are you ready to enter this multi-billion-dollar industry and start applying your technical skills into a compelling package that will catch the eye of an employer? Beginning with conceptualization and the design process, you'll develop your game's story elements, narrative, plot, characters, and assets. Using game design software, you'll bring your game to life by applying lighting, audio, visual effects, player choice options, AI, and consider the type of controls to use for your game. Build a world players can get immersed in.

Game Design 2b: Launch a Game (eDynamic)+

1 semester, 0.50 credit

You've already done the groundwork, and now it's time to level up and launch! In Game Design 2b, you'll take your runner game to new heights and enter the land of fire and ice using the cool tools that Unity has to offer! Get ready to build atmospheric landscapes, mountain runs, stair builds, and implement obstacles to keep your relic safe! Then, your real-world game begins: test and evaluate your game and prepare for a market launch! All of the moving parts of the game development process come together in this course, so you can unleash your game into the world!

Game Design for Chromebooks 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Are you ready to take your passion for game design and turn it into a real-life prototype? In this course, you'll learn the fundamentals of game design including scripting in JavaScript, game mechanics, audio editing, storytelling, and game world development. And the best part? You'll apply these skills to build an arcade-style galactic adventure game using PlayCanvas! Let's get ready to blast off into the world of game design!

Game Design for Chromebooks 1b: From Prototype to Product (eDynamic)+

1 semester, 0.50 credit

Get ready to add some super charged rocket fuel to your galactic adventure game prototype because it's time for it to blast into the stratosphere as a full-blown product! In this course, you'll build on your prototype focusing on techniques to add difficulty but also increase the fun. "Fun" may sound like an elusive quality to achieve but understanding your audience's needs and potential immersive elements as well as the alignment and flow of your game progression will put you well on the way to creating a hit! Get ready to launch your game for all to see and collect the interstellar acclaim that follows!

Game Development (Genius)

1 semester, 0.50 credit

Game Development teaches students the ins and outs of game development to prepare them for a career in the field. This course covers the history of video games, character development, mobile game design, user interface design, social gaming, and the principles of development design and management methodologies. While fun and highly engaging, the course focuses on laying a strong foundation for a career in game development.

Introduction to Android Mobile App Development (Genius)

1 semester, 0.50 credit

Introduction to Android Mobile App Development is a one-semester course that familiarizes students with the knowledge, skills, and training required for a career in Android mobile app development. This course introduces the process involved in creating a mobile app and provides a tour of the history of and upcoming trends in mobile app development. The course provides students the opportunity to explore how to start a mobile app development company. Finally, the course culminates in students creating a new project in Android Studio, creating the user interface of an app, and making it interactive in Android Studio.

Introduction to Cybersecurity (Genius)

1 semester, 0.50 credit

Introduction to Cybersecurity introduces students to the field of cybersecurity, focusing primarily on personal computer use and vulnerabilities while also highlighting the wider scope of cybersecurity from a societal and career perspective. Specific topics include computer security, VPN and wireless security, risk management, and laws, standards, and ethics related to cybersecurity

Introduction to iOS Mobile App Development (Genius)

1 semester, 0.50 credit

Introduction to iOS Mobile App Development is a one-semester course that familiarizes students with the knowledge, skills, and training required for a career in iOS mobile app development. This course introduces the process involved in creating a mobile app and provides a tour of the history of and upcoming trends in mobile app development. The course provides students the opportunity to explore how to start a mobile app development company. Finally, the course culminates in students learning about the iOS develop

Introduction to Networking 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

What would happen if we didn't have the internet? The internet is one example of a network, so you can only imagine why networking careers are essential. Start exploring the fundamentals of networking, learning about the different parts of a computer and hardware, network operating systems, and understanding how common network devices can be connected. You'll get hands-on to explore different types of cables used to create networks – and even make cables in Wired Networking activities. Get started with your introduction to networking!

Introduction to Networking 1b: Network Oversight (eDynamic)+

1 semester, 0.50 credit

Network administrators are responsible for the oversight of an organization's computer network. This includes installing hardware and software but also relies on considerable technical skills to resolve network issues. Discover how to set up a network, troubleshoot problems, monitor network security, infrastructure, performance, and contribute to creating policies and procedures. As a network admin, you'll help keep businesses safe and running correctly.

Introduction to Programming 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Have you ever wondered how your favorite software is created? Explore the software development life cycle from start to finish while developing your own programming skills with Python. Explore the power of data and algorithms along with their influence on the world. Launch yourself into the endless possibilities a career as a programmer can bring you!

Introduction to Programming 1b: Problem Solving Through Programming (eDynamic)+

1 semester, 0.50 credit

Dig deeper and expand your knowledge as you discover how programming can solve a vast array of problems. Plan and develop a problem-solving program while performing testing, debugging, and

quality assurance procedures. Design and plan your own app as part of your capstone project to give you a thorough introduction to the world of programming.

Introduction to Social Media (Genius)

1 semester, 0.50 credit

Introduction to Social Media is a one-semester course intended to familiarize students with the evolution and rapid growth of social media. The course explores different types of social media platforms, their features, and their benefits and risks. Students will learn about wikis and crowdsourcing and how social media is used for marketing. The course also covers online security and privacy risks, safety guidelines, and what it means to be a good digital citizen.

Learning in a Digital World: Digital Citizenship (eDynamic)+

1 semester, 0.50 credit

We use technology to communicate with friends and family, find never-ending entertainment options and do our schoolwork. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.

Microsoft Access: Office Fundamentals Series (eDynamic)+

1 semester, 0.50 credit

Learn to create, manage, and link databases for essential business operations. Develop your database, design, and planning skills and learn to implement security features to protect and back-up your important data. Put your new skills into practice with a capstone project. The content of this course will be applicable to the Microsoft Office Suite certification exam.

Microsoft Excel: Office Fundamentals Series (eDynamic)+

1 semester, 0.50 credit

Discover the real-world uses of Microsoft Excel and its impact on business, academic, and personal applications. Move from inserting and manipulating data, to working with tables, charts, graphs, and calculations. Content of this course will also be applicable to the Microsoft Office Suite certification exam.

Microsoft Outlook: Office Fundamentals Series (eDynamic)+

1 semester, 0.50 credit

Master your email and learn about Outlook's functions to produce professional communications, helping you to succeed in business and in life. Understand effective communication techniques, working with attachments, formatting, replying, and organizing. Be prepared for your day with other features such as calendars, contacts, and tasks. Content of this course will also be applicable to the Microsoft Office Suite certification exam.

Microsoft PowerPoint: Office Fundamentals Series (eDynamic)+

1 semester, 0.50 credit

Learn to create clean and professional presentations while also building your skills as a speaker, leader, and marketer! Create and format presentations while inserting multimedia, images, transitions, and animations to make a dynamic final product! Content of this course will also be applicable to the Microsoft Office Suite certification exam.

Microsoft Word: Office Fundamentals Series (eDynamic)

1 semester, 0.50 credit

Learn to effectively and efficiently use one of the most common tools of business, school, and personal correspondence! Discover how to format and style documents using fonts, colors and editing tools, create tables, use bullets and numbering, and insert images. Skills you learn in this course can be applied immediately and prepares you to take the MOS Word certification exam, and content is applicable to the Microsoft Office Suite certification exam.

Networking Fundamentals A (Genius) semester 1, 0.50 credit
Networking Fundamentals B (Genius) semester 2, 0.50 credit

This course is a two-semester course focused on the concepts of networking. Students will learn about careers in networking and employability skills required for a career in networking. Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, and Internet of Things (IoT) technologies. Students will learn about networking devices, cables, media, and connectors. Students will learn to set up a small wired network. Students will learn about network security threats and preventive measures to secure a network. This course also covers network planning, administration, troubleshooting, and maintenance. Students will learn about wireless networking standards and access methods. Students will learn to set up and secure a wireless network. Students will learn about virtual private networks and cloud computing. Students will also learn to troubleshoot issues related to wired and wireless networks. Unit activities in the course help students to develop and apply critical thinking skills. Animations included in the lesson keep students engaged. Students can understand technical concepts very easily. Simulations provide students with a real computer environment to practice various procedural steps.

Network Security Fundamentals 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Have you seen news headlines about cyber data breaches or hacks? With so many businesses working hard to ensure that their data and their customers' information stay safe and secure, it's no wonder that careers in cybersecurity are in high demand. Learn what information security is, hackers, viruses, spyware, network systems, identifying potential vulnerabilities, protecting against attacks, and creating a disaster and response plan if breaches do occur. Could you be the security specialist that stops the next cyberattack?

Network Security Fundamentals 1b: Forensics and Permissions (eDynamic)+

1 semester, 0.50 credit

As the world becomes increasingly more interconnected by technology, computer and mobile-based crimes are becoming more prevalent. Explore cyber forensics, encryption, cryptography and cryptology, user, and password management to mitigate large data breaches, and other threats, vulnerabilities, and security issues. Discover what it takes to enter this high-demand career field. As a cybersecurity specialist, you'll never get bored with trying to keep individuals and organizations safe!

Operational Cybersecurity 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Even when we use the strongest bricks, Firewalls can be breached, and other security measures can be exploited by malicious cyberattacks. In this course, you will assume your role as Chief Information Security Officer (CICO) responsible for a data network's design, maintenance, and end-user training. You will explore essentials of keeping networks safe and secure through the use of cryptology, keys, and certificates before moving into the important practice of risk assessment. In the end, your attention will shift to mitigating and managing identified risks and working with key stakeholders to improve the organization's security posture and disaster response. Are you ready to help businesses protect personal information and outsmart cyber attackers? Grab your white hat, BYOD, and let's get started!

Operational Cybersecurity 1b: Security and Planning in the Workplace (eDynamic)+

1 semester, 0.50 credit

More and more, companies are under attack by malicious cyber attackers compromising the security of sensitive employees, customers, and societal data. In this course, you will dive into data security in the workplace and will learn ways to mitigate cyber threats that lurk in dark corners. You will step into the familiar shoes of CISO, this time at a startup company, making decisions about access and authentication protocols, security planning, and expanding the business in a safe way. Lastly, you will

explore real-world security breaches, how they were solved, and step-by-step instructions to set up robust security policies. Let’s continue forging your cybersecurity stronghold against cyber attackers and keep sensitive data secure.

Principles of Information Technology A (Genius) semester 1, 0.50 credit
Principles of Information Technology B (Genius) semester 2, 0.50 credit

Principles of Information Technology prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. This course allows students to explore careers in information technology and business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Students will learn what to expect in the field of Information Technology and begin exploring career options in the field. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them. Principles of Information Technology is a full-year introductory Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access*, as well as IC3 certification. *Microsoft is a registered trademark of Microsoft Corporation in the United States and/or other countries. This course was originally created for Apex Courses.

Principles of Information Technology 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Ready to develop your understanding and proficiency in computers? Explore a range of concepts to gain the foundational knowledge you’ll need to start exploring careers in this field to find out which ones suit your interests and abilities. Learn about computer hardware and maintenance to data management and storage options to network systems, administration, and troubleshooting. Then dive into word processing, spreadsheets, and databases to cement your knowledge of information technology!

Principles of Information Technology 1b: Working with Computers (eDynamic)+

1 semester, 0.50 credit

Take the IT knowledge you have to a more advanced level. Starting with an overview of programming, algorithms, and compilers, you'll then learn the basics of web page design and creating graphics. Explore security and cybercrime, emerging technologies, presentation software, and intellectual property laws. Finally, you will prepare for the future by discovering various careers in this field and planning your education!

Programming 2a: Procedural Programming (eDynamic)+

1 semester, 0.50 credit

Congratulations; you're speaking a different language! A programming language that is. But do you want to learn more? Discover the most popular programming languages and what they have to offer the software world. Explore data, algorithms, and objectives and how they are essential to language 'speak'. Learn the software development life cycle and how it can be implemented so you can create projects, such as a prototype for an app you'll code and a working to-do list website.

Programming 2b: Creative Programming (eDynamic)+

1 semester, 0.50 credit

Get ready to take your programming abilities to the next level in Programming 2b! You'll start by developing a simple web page using HTML, CSS, and JavaScript and then you'll practice your Python skills, making your own photo editor and sound player! Using API, you'll practice adding a weather widget to a website and you'll ensure page safety using encryption techniques through Python. You'll test, you'll inspect, you'll collaborate, and for your finale, you'll craft a graphical user interface for an app using Python's Tkinter! Let's get ready to program!

Robotics 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Are you fascinated with how machines work? Robots are machines, and they are all around us, from helping doctors in surgeries to helping to keep our homes clean. Explore the physics, mechanics, motion, and the engineering design and construction aspects used to develop robots. Learn how models are created through both sketches and software. Discover STEM careers and the education needed to enter this high-demand field.

Robotics 1b: Intelligent Robots (eDynamic)+

1 semester, 0.50 credit

The robots have invaded… and they're here to make our lives easier. You've learned about the basics of robotics and STEM careers, but now we're going to learn about manipulating the physical world to create desired effects. In this course, you'll learn to manipulate electrical signals to create logic and memory, how to quantify the physical world through variables, and how to have an impact through tools. You'll discover how to choose the best tools and materials, how to create AI, and how to take an idea from initial planning to a completed project. Let's continue the pursuit of a career in robotics so the friendly invasion can thrive!

Robotics 2a: Design a Robot (eDynamic)+

1 semester, 0.50 credit

From outer space to the oceans and everywhere in between, robots are doing everything from solving complex problems to simply making daily life easier. But there has to be a beautiful mind behind the machine, and this is where you come in! In this course, you will identify a problem and using the skills you've learned, you will apply the principles of engineering and robotics to design an innovative robot to solve the problem. Robotics engineers are problem solvers_are you ready to step up?

Robotics 2b: Build Your Robot (eDynamic)+

1 semester, 0.50 credit

You have learned how to think like a robotics engineer, and now, it's time to design and build like one to breathe life into your machine. In this course, you'll explore how to add more complexity to your creations to make them more efficient, capable, and better able to handle advanced tasks. You will also learn how models and simulations can enhance robotic development and construction. After a real-world safety review, a deeper dive into advanced applications and systems, and improving your prototype, you'll finalize and launch your robot. Are you ready to continue improving the world with your machine? Let's automate!

Security Fundamentals A (Genius) semester 1, 0.50 credit
Security Fundamentals B (Genius) semester 2, 0.50 credit

Security Fundamentals is designed to enable students at the high school level to develop the critical skills and knowledge necessary for careers in cybersecurity. Students will learn about the basic concepts of cybersecurity, basic computer components, file management, types of networks, Open Systems Interconnection (OSI) model, network protocols, and IP addresses. This course then covers security threats, prevention methods, and legal and ethical issues in cybersecurity. After gaining an understanding of security agencies, security topologies, quality control systems, and physical security devices, students will explore securing network devices, data security, data backup and recovery, and risk management.

Social Media: Our Connected World (eDynamic)+

1 semester, 0.50 credit

Do you have any social media accounts? Learn the ins and outs of such social media platforms as Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.

Touch Systems Data Entry: Keyboard Like a Pro (eDynamic)+

1 semester, 0.50 credit

Watching a keyboard wizard work their magic over the keys is mesmerizing, and now, you can learn the magic of their movements! In this course, you'll build a solid foundation of typing skills, develop good habits and techniques, and build confidence as you become a typing wiz. You'll also learn proper finger placement, correct posture to improve speed and accuracy, and explore future careers where typists thrive. Get ready to become a typing magician today!

Web Development 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

How many times per day do you access the internet, including social media? The web is an important part of our daily lives, so it's no surprise that web development is one of the hottest career fields. Start to explore professional web development, including how to create content for the web. You'll learn about topics such as servers, file organization, HTML, CSS, Javascript, and the development stack that will let you build any website you can dream up.

Web Development 1b: Planning and Designing (eDynamic)+

1 semester, 0.50 credit

Websites need to be functional, but they need to look great while doing the job! Now that you've learned how to create web content, you'll learn how to apply design principles, like color combinations and font choices, to achieve the greatest impact. You'll also learn the behind-the-scenes tasks of organizing your files, ensuring website accessibility, following intellectual property regulations, and performing site backup and maintenance. Let's unravel the web development process!

Web Development 2a: Sketching and Scripting (eDynamic)+

1 semester, 0.50 credit

You've already experienced web development on a smaller scale, but now, it's time to kick it up a notch! You'll hit the ground running with the Agile methodology of software development and how it plays into leadership and teamwork amongst developers. You'll also approach web development from a different perspective- your users! - and you'll learn to speak the language of JavaScript to enhance your web development efforts. Your efforts will commence in a professional portfolio that will allow you to experience GitHub to display your work. Let's get that framework going!

Web Development 2b: Website Goes Live (eDynamic)+
1 semester, 0.50 credit

You've done a ton of work on your website already, and now, it's time to put the finishing touches on it and make it work for you! In this course, you'll explore topics and hone skills to help you perfect your portfolio so it's ready to share with future employers. You'll discover common coding errors and security threats, website accessibility and reliability, and become more fluent and efficient in JavaScript. You'll also learn how to make on-the-job choices and adjustments and refine communication with your clients. In the end, you'll turn your website into a presentation to share with friends and family so you can showcase your achievements.

Web Technologies A (Genius) semester 1, 0.50 credit
Web Technologies B (Genius) semester 2, 0.50 credit

The Web Technologies course provides students with the essentials of web design and helps them discover what makes a site truly engaging and interactive. Lessons on topics such as design principles, graphics, and web standards help students understand the elements of effective and dynamic web design. Students will create web pages in HTML, use JavaScript to create basic scripts, create DHTML and XML documents, and use a WYSIWYG editor. Finally, students will learn how to launch a website and describe the administration of web servers.

Health and Fitness

Adaptive Physical Education (Genius)
1 semester, 0.50 credit

This course is designed specifically for students with physical limitations. The content is similar to Fitness Fundamentals 1, but additional modification resources are provided to allow for customized exercise requirements based on a student's situation. In addition, students learn the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students research the benefits of physical activity, as well as the techniques, components, principles, and guidelines of exercise to keep them safe and healthy.

Advanced Physical Education 1 (Genius)
1 semester, 0.50 credit

This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly, while participating in physical activities and applying principles they've learned. Basic anatomy, biomechanics, physiology, and sports nutrition are all integral parts of this course. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Advanced Physical Education 2 (Genius)
1 semester, 0.50 credit

This course gives the student an in-depth view of physical fitness by studying subjects such as: biomechanics, nutrition, exercise programming, and exercise psychology. Students will apply what they learn by participating in a more challenging exercise requirement. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Allied Health Assistant 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Are you passionate about helping people and making a difference in their lives? If you’re planning on going into the healthcare field, then this course is for you! Explore your options by learning how to properly care for your patients and provide for the administrative needs of healthcare. Learn to prepare exam rooms, schedule, bill, and document all while solidifying your professional skills in communication, privacy, safety, and ethics.

Allied Health Assistant 1b: Skills and Specialties (eDynamic)+
1 semester, 0.50 credit

Allied health encompasses a broad range of different health care professionals who provide a range of skills in the fields of dentistry, pharmaceutical, medicine, nursing, nutrition, rehabilitation, and more. This course is the second course of the Allied Health concentrator sequence and gives you the needed skills to pursue any of these careers in allied health.

Allied Health Careers A (Genius) semester 1, 0.50 credit
Allied Health Careers B (Genius) semester 2, 0.50 credit

Allied Health Careers focuses on the health care delivery system and careers in allied health services. In semester A, students begin by learning the structures and functions of various body systems. They

explore common diseases and disorders of each system and discuss strategies and factors that influence overall health and wellness. In addition, semester A covers medical terminology, diagnostic imaging techniques, electrocardiography, common laboratory tests, and respiratory care. Semester B focuses on the skills and knowledge needed by allied health professionals in various health care fields. It also covers information concerning safety, law, and ethics in health care settings. In addition, students learn important workplace skills related to communication, teamwork, and leadership. The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos keep students engaged. And the practice test at the end of the course helps students reinforce their understanding of key concepts.

Applied Medical Terminology A (Genius) semester 1, 0.50 credit
Applied Medical Terminology B (Genius) semester 2, 0.50 credit

Applied Medical Terminology helps students understand the structure and meaning of medical terms and identify medical terminology associated with various body systems. As the health care industry becomes more complex, developing expertise in accurately and efficiently identifying medical terms and their specific application is essential to a growing variety of health care careers. This course begins to prepare your students for those careers.

Certified Nurse Aide A (Genius) semester 1, 0.50 credit
Certified Nurse Aide B (Genius) semester 2, 0.50 credit

The course is designed to enable students to learn the key skills and information that they need to work as certified nurse aides. The course will help students develop an understanding of the human body, physical and nutritional needs, mental health needs and teach them to provide culturally competent and quality care to clients in a safe and healthy environment. The course is based on the NNAAP Exam syllabus and is designed to prepare students to take the exam and become certified nurse aides. The course has animations and videos that demonstrate key skills that students must acquire to work as nurse aides. The practice test at the end of the course gives students practice on the written exam that they'll need to give to become certified nurse aides.

Comprehensive Physical Education (Genius)
1 semester, 0.50 credit

In this course students will explore concepts involving personal fitness, team sports, dual sports, and individual and lifetime sports. Students will focus on health-related fitness as they set goals and develop a program to improve their fitness level through cardio, strength, and flexibility training. In addition, they will learn about biomechanics and movement concepts, as they enhance their level of skill-related fitness. Students will learn about game play concepts and specifically investigate the rules, guidelines, and skills pertaining to soccer, softball, volleyball, tennis, walking and running,

dance, and yoga. Throughout this course students will also participate in a weekly fitness program involving elements of cardio, strength, and flexibility training.

Drugs & Alcohol (Genius)

1 semester, 0.50 credit

This course delves into the types and effects of drugs, including alcohol, tobacco, steroids, over the counter drugs, marijuana, barbiturates, stimulants, narcotics, and hallucinogens. Students learn about the physiological and psychological effects of drugs, as well as the rules, laws, and regulations surrounding them. The difference between appropriate and inappropriate drug use will also be discussed. In addition, students will learn about coping strategies, healthy behaviors, and refusal skills to help them avoid and prevent substance abuse, as well as available resources where they can seek help.

EKG Technician 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Our hearts are essential to our survival. And EKG technicians play an important role in administering tests and evaluating data given by the electrocardiogram (EKG) to treat patients effectively. Explore the cardiovascular system and its anatomy, and its role in our body, health, and lives. If you're a people person and want to work in healthcare, build the knowledge and skill base to prepare you for a cardiovascular career.

EKG Technician 1b: Analysis and Response (eDynamic)+

1 semester, 0.50 credit

Does the thought of becoming an EKG Technician still make your heart skip a beat? Continue your journey through the peaks and valleys of EKG waves and really dig into the details of the cardiac code to fulfill your ultimate goal: saving lives! This course will prepare you to interpret different EKG waves, how to spot wave abnormalities, how to differentiate between different disorders, and how to treat those disorders. Let's get ready to continue your adventure into the world of cardiology and a possible career as an EKG Technician!

Emergency Medical Responder 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Have you ever wondered what happens after making a 911 call? Get a realistic look into the day-to-day, fast-paced life of an EMR and how their roles and responsibilities fit into the larger picture with Emergency Medical Services. Discover how to conduct a patient assessment when you arrive on a scene and assess and treat various medical emergencies. If you've ever dreamt of being on the front

lines, providing quality care to save someone's life, then explore the exciting career as an Emergency Medical Responder.

Emergency Medical Responder 1b: Prepared for Action (eDynamic)+

1 semester, 0.50 credit

Being an emergency medical responder is dynamic and challenging. EMRs are first responders who are prepared for action! Explore how to care for diverse patients and in unique and even difficult situations. From advanced trauma to childbirth, from mass casualties to special conditions. EMRs are trained to care for, treat, move, and transport patients in various situations and play a vital role as part of an EMS response team.

Exercise Science (Genius)

1 semester, 0.50 credit

This course takes an in-depth examination of the effects of exercise on the body. Through this course, students will learn basic anatomy, biomechanics, and physiology, as well as proper principles and techniques to designing an effective exercise program. The study of nutrition and human behavior will also be integrated into the course to enhance the students' comprehension of this multifaceted subject.

Family & Consumer Science (Genius)

1 semester, 0.50 credit

Family & Consumer Science prepares students with a variety of skills for independent or family living. Topics covered include childcare, home maintenance, food preparation, money management, medical management, clothing care, and more. They also focus on household, personal, and consumer health and safety. In addition, students learn goal setting and decision-making skills, as well as explore possible career options.

Family Living & Healthy Relationships (Genius)

1 semester, 0.50 credit

In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life-- including information on self- discovery, family, friendships, dating and abstinence, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development from infancy to adulthood. They also focus on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.

First Aid & Safety (Genius)

1 semester, 0.50 credit

In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety of emergency situations. They also learn the procedures for choking and CPR for inf ants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness.

Fitness Basics 1 (Genius)

1 semester, 0.50 credit

This course provides students with a basic understanding of fitness and nutrition. Students will learn about exercise safety, team and individual sports, nutrition, and the importance of staying active throughout their lifetime. Students conduct fitness assessments, set goals, develop their own fitness program, and participate in weekly physical activity.

Fitness Basics 2 (Genius)

1 semester, 0.50 credit

This course provides students with a basic understanding of fitness and nutrition. Students will learn about exercise safety, team and individual sports, nutrition, and the importance of staying active throughout their lifetime. Students conduct fitness assessments and participate in weekly physical activity.

Flexibility Training (Genius)

1 semester, 0.50 credit

This course focuses on the often-neglected fitness component of flexibility. Students establish their fitness level, set goals, and design their own flexibility training program. They study muscular anatomy and learn specific exercises to stretch each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles to flexibility training. This course explores aspects of static, isometric, and dynamic stretching, as well as touch on aspects of yoga and Pilates. This course also discusses good nutrition and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving flexibility training, as well as elements of cardio and strength training.

Group Sports (Genius)

1 semester, 0.50 credit

This course provides students with an overview of group sports. Students learn about a variety of sports, yet do an in-depth study of soccer, basketball, baseball/softball, and volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct fitness assessments and participate in regular weekly physical activity.

Health (Genius)

1 semester, 0.50 credit

This course is based on a rigorously researched scope and sequence that covers the essential concepts of health. Students are provided with a variety of health concepts and demonstrate their understanding of those concepts through problem solving. The five units explore a wide variety of topics that include nutrition and fitness, disease and injury, development and sexuality, substance abuse, and mental and community health. Health & Personal Wellness This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Health 2 (Genius)

1 semester, 0.50 credit

Health Careers In this course, students explore a variety of career options related to the health care field, including medicine, nursing, physical therapy, pharmacy, dental careers, sports medicine, personal training, social work, psychology, and more. Students will learn about various options within each field, what each of these jobs entails, and the education and knowledge required to be successful. In addition, they will focus on basic job skills and information that would aid them in health care and other career paths.

Health Extended (Genius)

1 semester, 0.50 credit

Health Extended is a valuable, skills-based health education course designed for general education in grades 9 through 12. Health helps students develop knowledge, attitudes, and essential skills in a

variety of health-related subjects, including mental and emotional health, social health, nutrition, physical fitness, substance use and abuse, disease prevention and treatment, and injury prevention and safety. Through use of accessible information and project-based learning, students apply the skills they need to stay healthy. These skills include identifying and accessing valid health information, practicing self-management, identifying internal and external influences, communicating effectively, making healthy decisions, setting goals, and advocating. Students who complete Health build the skills they need to protect, enhance, and promote their own health and the health of others. This course is built to state standards.

Health 1: Life Management Skills (eDynamic)+

1 semester, 0.50 credit

What does it mean to be healthy? In the simplest terms, it means taking care of our body and mind. Explore the connections between your physical, mental, and social health. Learn how to promote better health by decreasing stress and finding a fuller vision for your life through lifestyle choices, interactions with others, healthcare, and making sensible dietary choices. Build your plan to ensure your overall health, happiness, and well-being!

Health and Physical Education 1a: Introduction (eDynamic)

1 semester, 0.50 credit

Your health is more than skin deep- or should we say muscle deep? There are many factors that influence your fitness from biological predispositions to the foods you eat, the sleep you get, your psychology, and more! This course will go beyond the superficial of fitness and dig into the science behind it. You will explore the basics of how to assess your baseline fitness, design and implement a fitness plan, fuel your body to achieve your fitness goals, and stay safe while improving your health. Physical fitness is a journey, not a destination: start your expedition now!

Health and Physical Education 1b: Invest in your Health (eDynamic)+

1 semester, 0.50 credit

You've already HIIT the mat and warmed up your understanding of health and fitness, but now we're going to stretch your understanding and feed your healthy habits. In this course, you will learn about the four domains of health- physical, mental, emotional, social- and their interconnection, how to set goals for healthy living, and how relationships and choices can impact your health. You'll also explore different entities and influences and their role in your daily health as well as how to build healthy communities to help you thrive. Let's continue building the foundation for well-rounded, healthy living so you can flourish: mind, body, and spirit!

Health Information Management A (Genius) semester 1, 0.50 credit
Health Information Management B (Genius) semester 2, 0.50 credit

Health Information Management introduces students to the U.S. healthcare system and the basic concepts related to health information management. Students will gain an understanding of information systems in health care; the evolving role of health data in health information systems; and how professionals in this field use data to support the clinical, financial, administrative, and research functions of an organization. This course offers students insight into career opportunities in health information management and opportunities for advancement and employability skills for a successful career. Students will also learn about the key laws, regulations, and ethical standards that govern professionals in health information, such as the Health Insurance Portability and Accountability Act (HIPAA), the American Health Information Management Association (AHIMA) Code of Ethics, and laws on worker safety.

Health Science 1 A (Genius) semester 1, 0.50 credit
Health Science 1 B (Genius) semester 2, 0.50 credit

Health Science 1 is based on Career and Technical Education (CTE) standards to help students develop technical knowledge and skills needed for success in careers in the health science industry. The course will engage students to understand the basic structure and function of the human body, biomolecules such as proteins, carbohydrates, and lipids, and biological and chemical processes. Students will also learn to identify and analyze diseases and medical procedures related to each body system, while developing an understanding of medical terminology.

Health Science 2 A (Genius) semester 1, 0.50 credit
Health Science 2 B (Genius) semester 2, 0.50 credit

Health Science 2 is designed to enable students to learn the basics of health science. In the course, students will develop an understanding of the academic qualifications, personal skills, training, and use of healthcare tools required to work in the healthcare industry. The course is based on Career and Technical Education (CTE) standards to help students develop technical knowledge and skills needed for success in the healthcare industry.

Health Science: The Whole Individual (eDynamic)+
1 semester, 0.50 credit

Finding effective solutions to different health problems is one of our greatest challenges. How close are we to finding a cure for cancer? What’s the best way to treat diabetes and asthma? You’ll be introduced to disciplines such as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases,

and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment of human life in our future.

Health Science 2: Patient Care and Medical Services (eDynamic)

1 semester, 0.50 credit

Explore the roles health care professionals play in treating patients. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution.

Health Science Foundations 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Health science careers are not only in high demand, but they offer a diverse range of careers for all types of people interested in helping others. Acquire foundational knowledge required to pursue a career in the healthcare industry, and the education, training, and credentials needed to attain them. Learn basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities. Explore communication, teamwork, and leadership techniques – providing a solid basis for those wanting to advance through the health sciences.

Health Science Foundations 1b: Professional Responsibilities (eDynamic)+

1 semester, 0.50 credit

Making sure that you, your patients, and your colleagues stay safe, you'll begin analyzing your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. Examine infection control, first-aid, CPR, and measuring a patient's vitals. Learn about numerical data, such as systems of measurement, medical math, and reading and interpreting charts. And examine effective teamwork and leadership characteristics while building your employment skills.

Health Science: Nursing (eDynamic)+

1 semester, 0.50 credit

The demand for nurses has never been higher! Learn what it takes to become a nurse, pursue a career, and understand the practice of nursing and the healthcare system. With a strong focus on patient care, you'll explore safety, communication and ethics, relationship building, and how to develop wellness strategies for your patients. From emergency to rehabilitative care, to advances and

challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.

Health Science: Public Health (eDynamic)+

1 semester, 0.50 credit

What is public health? Who decides which diseases get funding and which do not? What are the reasons for health inequality? Study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role of worldwide current and future technologies and the ethics and governance of health on a global scale and discover unique career opportunities you can pursue to make a difference.

Health Science Theory 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

From doctors and nurses to x-ray technicians and medical aides, the field of healthcare offers numerous roles that will allow you to make a difference in the lives of patients. In this course, you'll learn all about the foundations of healthcare from how the industry works around the world, to the different professions that fall within the field. You'll also learn medical terminology and calculations, the difference between diagnostic and therapeutic careers, and the legal and ethical considerations. Let's start building the foundation of a career in healthcare today!

Health Science Theory 1b: Health Science Skills (eDynamic)+

1 semester, 0.50 credit

You've built a solid foundation of knowledge of the healthcare field, and now it's time to probe deeper into the healthcare profession. In this course, you'll review key aspects of the broad category of safety as well as learn how to assess and treat patients for an array of injuries. You'll learn how to identify emergencies, trauma and complex care, and the basics of CPR and life support. Lastly, you'll explore the importance of collaborating with other team members to manage and resolve conflicts. Let's suit up to learn how you can positively impact patients in the field of healthcare.

HOPE (Health Opportunities through Physical Education) 1 (Genius)

1 semester, 0.50 credit

This comprehensive health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on

throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

HOPE (Health Opportunities through Physical Education) 2 (Genius)

1 semester, 0.50 credit

This comprehensive health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Intro to Coaching (Genius)

1 semester, 0.50 credit

This course focuses on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, sports nutrition and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision-making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.

Intro to Group Sports 1 (Genius)

1 semester, 0.50 credit

This course provides students with an overview of group sports. Students learn about a variety of sports, and an in-depth study of soccer of basketball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about game strategy and the benefits of sports. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct a pre- and post-fitness assessment, as well as participate in regular weekly physical activity.

Intro to Group Sports 2 (Genius)

1 semester, 0.50 credit

This course provides students with an overview of group sports. Students learn about a variety of sports and do an in-depth study of baseball/softball, and volleyball. Students learn the history, rules, and guidelines of each sport, as well as practice specific skills related to each sport. Students also

learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct a pre- and post-fitness assessment, as well as participate in regular weekly physical activity.

Intro to Individual Sports 1 (Genius)

1 semester, 0.50 credit

This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, Pilates, dance, water sports, and cross training. Students learn the history, rules, and guidelines of each sport, and practice specific skills related to each sport. Students also learn about the components of fitness, FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.

Intro to Individual Sports 2 (Genius)

1 semester, 0.50 credit

This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, Pilates, dance, water sports, and cross training. Students learn the history, rules, and guidelines of each sport, and practice specific skills related to each sport. Students also learn about the components of fitness, FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.

Intro to Nursing 1 (Genius)

2 semesters, 1.0 credit

This two-semester course introduces students to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, crisis management will be included.

Intro to Nursing 2 (Genius)

2 semesters, 1.0 credit

This two-semester course introduces student s to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, and crisis management will be included.

Life Skills (Genius)

1 semester, 0.50 credit

This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives, including personal nutrition and fitness skills, time & stress management, communication & healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students will explore possible colleges and careers that match their needs, interests, and talents.

Lifetime & Leisure Sports (Genius)

1 semester, 0.50 credit

This course provides students with an overview of dual and individual sports. Students learn about a variety of sports and do an in-depth study of martial arts, Pilates, fencing, gymnastics, and water sports. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the components of fitness, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

Medical Assistant 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Have you ever wondered how a health professional knows how to diagnose an illness? Or what medications to prescribe to a patient depending on the person’s body and their signs and symptoms? Learn about different diagnostic technology used and essential body systems and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness. This career field is flourishing, and now is the time to be part of it!

Medical Assistant 1b: Medical Assisting in Action (eDynamic)+

1 semester, 0.50 credit

It's time to grab your latex gloves and snap them back into place so you can get a deeper look into the world of medical assisting! In this course, you'll explore patient care and procedures, testing and care coordination, pharmacology and safety, and reimbursement and the law. You'll also narrow your areas of interest so you can better determine what type of medical assisting may be best for you. Are you ready to continue on the road to medical assisting? Grab your lab coat and let's get going!

Medical Coding and Billing A (Genius) semester 1, 0.50 credit
Medical Coding and Billing B (Genius) semester 2, 0.50 credit

Medical Coding and Billing prepares high school students for a career as a medical coding and billing specialist. The topics covered in this course provide a strong foundation for students planning to take a certification exam, such as the Certified Professional Coder (CPC) exam or the Certified Coding Associate (CCA) exam. This course presents an overview of the U.S. healthcare delivery system and explains what medical coders and billers do to keep this system operating efficiently. After a review of the anatomy and physiology of humans, students will then explore medical coding and billing jobs in different settings, including hospitals, physicians' offices, and insurance companies. This course also provides coverage of the ICD-10-CM, CPT®, HCPCS, and ICD10-PCS coding systems and an overview of the medical billing process and healthcare revenue cycle management.

Medical Diagnostic Technology 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Have you ever wondered how a health professional knows how to diagnose an illness? Or what medications to prescribe to a patient depending on the person's body and their signs and symptoms? Learn about different diagnostic technology used and essential body systems and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness. This career field is flourishing, and now is the time to be part of it!

Medical Diagnostic Technology 1b: Exploring Systems and Procedures (eDynamic)+
1 semester, 0.50 credit

Our bodies are complex, and when we start feeling ill, a doctor or specialist must analyze and diagnose what could be wrong. Learn about different diagnostic technology, procedures, essential body systems, and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness. This career field is flourishing, and now is the time to be part of it!

Medical Lab Assisting 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

Getting to the root of medical issues and uncovering ailments is the core of the medical field. Are you drawn to the idea of being part of a team who helps identify diseases and health-related issues? Then the role of a medical lab assistant may be for you! In this course, you will learn what it takes to become a skilled medical lab assistant including understanding medical ethics, communicating with patients, performing blood draws, and managing specimens, lab safety, and potential career paths! Grab your lab coat and latex gloves, and let's draw some new knowledge to help others!

Medical Lab Assisting 1b: Clinical Lab Safety and Procedures (eDynamic)+

1 semester, 0.50 credit

You've pulled back the patient curtain and have learned the basics of the world of a medical assistant. Now, it's time to dig deeper and peer into the anatomy of the role so you can determine which type of medical assistant best suits you. In this course, you will learn more about patient care and procedures, testing and care coordination, pharmacology and safety, reimbursement, and the law. You will also narrow your own areas of interest, research organizations to shadow, and ultimately prepare for certification. Throw that curtain wide open, and let's continue the pursuit of a medical assistant!

Medical Lab Assisting 2a: Blood and Point of Care Testing (eDynamic)+

1 semester, 0.50 credit

It's time to roll up your sleeves—and your patient's sleeves, too— and dig into phlebotomy even deeper. In this course, you will explore advanced phlebotomy techniques, blood disease pathology and testing procedures, and more about blood typing. You'll build on your knowledge of blood cell behavior, counting, and clotting and all about the blood screening process from start to finish. You will also learn about lifespan considerations, troubleshoot issues common to the MLA, and expand your knowledge of point-of-care testing and reporting values. Now push those sleeves up high, and let's get started!

Medical Lab Assisting 2b: Immunology, Urinalysis, and Forensics (eDynamic)+

1 semester, 0.50 credit

You have learned so much about the critical role a medical lab assistant plays, but you're not done yet! In this course, you will build on your knowledge of techniques and testing and deepen your understanding of physiology and disease. You'll further explore the immune system and immunology, advanced specimen collection methods, antigens and antibodies, and you'll even dip into forensics. You will also learn coding essentials and the ins and outs of an effective, ethical medical lab. Let's continue examining the details of your future career and workplace!

Medical Office Administration 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Caring for a patient takes more than a medical degree: it takes a team! In this course, you will build your knowledge of medical terminology, medical office processes, the technology that keeps an office humming, and the laws that keep it operating ethically. You'll also explore different office roles all while building the beginnings of a portfolio. Let's march through the waiting room and throw open the doors to a career as a Medical Office Admin today!

Medical Office Administration 1b: Vital to the Front Office (eDynamic)+

1 semester, 0.50 credit

You have learned some of the basics of what it takes to become a successful medical office administrator, and now, it's time to grow your understanding even further! In this course, you will complete a deeper dive about the variety of roles available in the medical office along with the skills needed to not only run the front of the office but to excel in the position as well. Finally, you'll focus on you and how to apply all that you've learned to get your foot in the door to begin a career in medical office administration. Let's get started!

Medical Terminology (Genius)

1 semester, 0.50 credit

In this course students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology for common tests, procedures, pharmacology, disease, and conditions.

Medical Terminology 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. Build your proficiency and confidence with this course and prepare yourself for a career in health sciences.

Medical Terminology 1b: Discovering Word Foundations (eDynamic)+

1 semester, 0.50 credit

Discover the medical terminology associated with even more body systems to increase your ability to master prefixes, suffixes, and roots. Connect this language to real-world patients and clinical settings through practical applications and specific scenarios. Launch your health knowledge with detailed medical terms.

Medical Therapeutics A (Genius) semester 1, 0.50 credit
Medical Therapeutics B (Genius) semester 2, 0.50 credit

Medical Therapeutics focuses on identifying employment and entrepreneurial opportunities in medical therapeutics. Students create a career plan and develop a variety of skills related to communication, teamwork, and leadership. They also learn about laws, ethics, and workplace and equipment safety, as well as electronic health records and the health care delivery system. Students also explore the major body systems and identify common diseases and disorders of each system. Finally, students demonstrate proficiency in the use of medical terminology. The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The end-of-semester test at the end of the course helps students reinforce their understanding of key concepts.

Nursing Assistant 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

If you ever wanted a career that is centered around the care of others and that directly impacts the most vulnerable populations, then it's time to explore what it means to be a Nursing Assistant. This role can be the first step on your nursing career ladder or into other healthcare positions. Learn career options, ethical and legal responsibilities, anatomy and physiology, patient care, and safety. Discover what it takes to start your journey into this highly needed field.

Nursing Assistant 1b: Patient Care (eDynamic)+
1 semester, 0.50 credit

As a Nursing Assistant, you are heavily involved in the care of your patients. But what does a typical day look like? How do you care for your patients during your shift? From hospital settings to home health care, from pre- and postoperative to rehabilitation. Discover how best to communicate and work with your team to ensure a safe environment, prevent, and control infectious diseases, advocate for your patient's rights, and provide appropriate care – even for the most complex patient needs.

Nutrition and Wellness (eDynamic)
1 semester, 0.50 credit

To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how

food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.

Nutrition and Wellness (Genius)

1 semester, 0.50 credit

Nutrition and Wellness is a one-semester introductory course that covers the basics of nutrition and health. The course introduces students to nutrients, their food sources, their functions, nutrient recommendations, and food labeling. Students will learn about the digestive and metabolic processes in the human body and discuss factors that affect health, wellness and fitness, and the nutritional needs through the life and for specific conditions. Food management principles, such as safe food handling practices, foodborne pathogens and illnesses, food preparation and presentation techniques, menu planning, and technological advances and marketing trends in the food industry are covered in this course. Finally, students will explore career options in the field of nutrition and wellness and learn about goal setting, planning a career, and workplace skills and ethics.

Outdoor Sports (Genius)

1 semester, 0.50 credit

This course provides students with an overview of dual and individual sports. Students learn about a variety of sports and do an in- depth study of hiking and orienteering, golf, and dual volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the FITT principles, benefits of fitness, and safety and technique. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

Personal Fitness (eDynamic)

1 semester, 0.50 credit

Whether you're a seasoned athlete or a fitness rookie, learning about your health will help you level up! In this course, you will explore your health influences, try out a wide variety of activities, and apply cutting-edge principles of nutrition, safety, and the body in motion to your fitness journey. You will also design your own fitness program based on personal goals with expert guidance so you can put your health plans into action! It's time to take your personal fitness to the next level!

Personal Health & Fitness (Genius)

1 semester, 0.50 credit

This combined health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Personal Training Career Prep (Genius)

1 semester, 0.50 credit

This course examines the role and responsibilities of a personal trainer. Students will learn the steps to become a personal trainer, including performing fitness assessments, designing safe and effective workouts, and proper nutrition principles. Concepts of communication and motivation will be discussed, as well as exercise modifications and adaptations for special populations. Students will also examine certification requirements, business and marketing procedures, and concerns about liability and ethics. In addition, throughout the course students will be able to explore various exercises, equipment, and tools that can be used for successful personal training.

Personal Training Concepts (Genius)

1 semester, 0.50 credit

This course examines basic concepts in fitness that are important for personal fitness, as well as necessary foundational information for any health or exercise career field. Areas of study include musculoskeletal anatomy and physiology, terms of movement, basic biomechanics, health related components of fitness, FITT principles, functional fitness skills, safety and injury prevention, posture and technique, nutrition, and weight management.

Pharmacology 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

If you ever thought about pursuing a gratifying career in biomedical sciences, pharmacology is a must. Pharmacology is the fascinating study of the chemistry, origins, and types of medications. Whether you plan on going into medicine, nursing, dentistry, veterinary medicine, or pharmacy, you'll need to learn the effects of medicines on different biological systems, appropriate dosages, and how the body responds to different medications.

Pharmacology 1b: Analysis and Effects (eDynamic)+

1 semester, 0.50 credit

When implemented with care, medicine can cure illnesses and even save lives, but when distributed incorrectly, therapeutics can cause great harm. In this course, you will delve deeper into the study of medicine and treatments available to patients. You will learn about available medications for specific diseases, the way therapeutics work in the body, different drug classifications, the law behind administering drugs, and what a Pharmacy career can look like. Are you ready to continue injecting your brain with essential knowledge for a career in the medical field? Let's continue your journey of care.

Physical Education (Genius)

1 semester, 0.50 credit

This course's three units include Getting Active, Improving Performance, and Lifestyle. Unit activities elevate students' self-awareness of their health and well-being while examining topics such as diet and mental health and exploring websites and other resources. In addition to being effective as a stand-alone course, the components can be easily integrated into other health and wellness courses. Physiology In this course, students will examine the functions of the body's biological systems--including skeletal, muscular, circulatory, respiratory, digestive, nervous, and reproductive systems. In addition to understanding the function of each system, students will learn the function of cells, blood, and sensory organs, as well as study DNA, immunity, and metabolic systems.

Principles of Health Science A (Genius) semester 1, 0.50 credit
Principles of Health Science B (Genius) semester 2, 0.50 credit

Principles of Health Science provides knowledge and skills students need for careers in health care. Students explore the services, structure, and professions of the health care system and get guidance on choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine. Students focus on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, creating medical records, and practicing good communication, collaboration, and leadership. In addition, students will expand their understanding of health and safety systems, how to address emergency situations, and deal with infection control issues. Students will also explore topics in medical science, terminology, procedures, and regulations - including an overview of physiology and medical measurements. Using real-life scenarios and application-driven activities, students learn the responsibilities and challenges of being health care professionals and deepen their knowledge of various career options. In addition to building their understanding of technical concepts and skills, students evaluate the qualifications required for specific careers and develop personal career plans to pursue work in the health care industry and extend their knowledge of oral and written communication in health science. Principles of Health Science is a full-year Career and Technical Education course for programs of study in health sciences. This course is built to state and national standards.

Rehabilitation Careers A (Genius) semester 1, 0.50 credit
Rehabilitation Careers B (Genius) semester 2, 0.50 credit

Rehabilitation Careers focuses on the skills and knowledge needed by professionals in rehabilitation therapy. Students are introduced to various careers in rehabilitation and learn about employment opportunities in this field. They learn about the anatomy and structure of the human body and common medical terminology. They also learn about the musculoskeletal system, cardiovascular system, respiratory system, nervous system, immune system, endocrine system, integumentary system, sensory system, urinary system, and digestive system. The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

Running (Genius)
1 semester, 0.50 credit

This course is appropriate for beginning, intermediate, and advanced runners and offers a variety of training schedules for each. In addition to reviewing the fundamental principles of fitness, students learn about goals and motivation, levels of training, running mechanics, safety and injury prevent ion, appropriate attire, running in the elements, good nutrition and hydration, and effective cross-training. While this course focuses mainly on running for fun and fitness, it also briefly explores the realm of competitive racing. Students conduct fitness assessments and participate in weekly physical activity.

Sports Medicine 1a: Introduction (eDynamic)+
1 semester, 0.50 credit

What do you think of when you hear the phrase “sports medicine professional”? Believe it or not, the term encompasses a much larger range of career options than jobs typically associated with this field. Explore some of the most popular career pathways, day-to-day responsibilities, emergency care for athletes, and legal obligations. Discover what nutrition, healthy lifestyle, and fitness truly mean, and dive into anatomy, human biomechanics, and exercise modalities. Learn how to get started in this exciting field.

Sports Medicine 1b: Injury Prevention (eDynamic)+
1 semester, 0.50 credit

You’ve warmed up those muscles and stretched your understanding of basic human biomechanics, but now it’s time to power forward your learning even further! In Sports Medicine 1b: Injury Prevention, you’ll expand your understanding of the human body to provide a greater context for injury in a variety of scenarios. You’ll learn how to evaluate an injury, onsite tests to perform, and

when to refer a patient to a medical professional. You'll also explore the anatomy of specific body areas to better understand injuries that may occur as well as ways to prevent injury. Are you ready to keep athletes functioning at peak levels? Grab your sports tape and let's hit the field of sports medicine!

Sports Medicine 2a: Working with Clients (eDynamic)+

1 semester, 0.50 credit

You've learned the basics about how the body works and how to attend to athletes' injuries, but now, it's time to get personal! Time to personalize and plan for clients, that is! In this course, you will learn to develop dietary and exercise regimes for clients based on their needs and goals. You'll even have an opportunity to turn plans into action by designing workouts for your own example gym. Let's hit the ground running and continue building towards a career as a trainer!

Sports Medicine 2b: Personalizing Your Practice (eDynamic)+

1 semester, 0.50 credit

"Five, four, three, two, one—rest." You've learned what it looks like to work one-on-one with clients as a sports medicine professional, and now it's time to focus on the group. In this course, you will be introduced to teaching group exercise classes and providing rehabilitation services to clients facing injury and disease. You will also learn about laws that govern the work of sports medicine professionals, business concerns like insurance and staffing, and what you need to consider if you start your own fitness facility. It looks like it's time for the next set! Let's get started!

Sports Officiating (Genius)

1 semester, 0.50 credit

In this course, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sport official plays in maintaining fair play.

Strength Training (Genius)

1 semester, 0.50 credit

This one-semester course by Carone Fitness focuses on the fitness components of muscular strength and endurance. Throughout this course students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while

training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training.

Walking Fitness (Genius)

1 semester, 0.50 credit

This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to re viewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving walking, as well as elements of resistance training and flexibility.

Business Administration and Management

Accounting 1a: Introduction (eDynamic)

1 semester, 0.50 credit

Accounting is more than numbers and spreadsheets; it's about unlocking the secrets of financial success and understanding how to drive a company forward. The individual who understands business finances holds sway in the organization. From decoding financial statements to mastering corporate ethics, real-world scenarios expose you to accounting principles and provide opportunities to apply your knowledge. Whether you're exploring if accounting aligns with your career aspirations or you dream of becoming an entrepreneur and want to gain a deeper understanding of managing the "books", this course will empower you to navigate accounting and make excellent decisions.

Accounting 1b: Making the Sense of the Money (eDynamic)

1 semester, 0.50 credit

This course is not about crunching numbers; it's about understanding how accounting shapes business and how you can make a difference. Building on what you already know, this course takes you deeper into real-life applications of the accounting cycle. You will explore how modern tools, like inventory management, payroll, and cutting-edge technology, are shaping accounting today. Think like a boss as you work on a project throughout this course: managing internal controls for your own fictional company. Accounting is your chance to make an amazing impact in business and life.

Accounting 1: Making Sense of the Money (eDynamic)

1 semester, 0.50 credit

This course is not about crunching numbers; it's about understanding how accounting shapes business and how you can make a difference. Building on what you already know, this course takes you deeper into real-life applications of the accounting cycle. You will explore how modern tools, like inventory management, payroll, and cutting-edge technology, are shaping accounting today. Think like a boss as you work on a project throughout this course: managing internal controls for your own fictional company. Accounting is your chance to make an amazing impact in business and life.

Accounting A (Genius) semester 1, 0.50 credit
Accounting B (Genius) semester 2, 0.50 credit

Accounting empowers high school students with the essential skills they need to understand accounting basics. Topics covered include the fundamentals of bookkeeping, financial statements, accounting based on the type of firm, specialized accounting tasks, and skills, regulations, and ethics for careers in accounting. Engaging and relevant, this course helps students with an accounting career orientation, and students in need of an overview of essential accounting principles.

Accounting I A (Genius) semester 1, 0.50 credit
Accounting I B (Genius) semester 2, 0.50 credit

Accounting I examines how to make decisions about planning, organizing, and allocating resources using accounting procedures. Throughout the course, students focus on double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording revenues, expenses, assets, and liabilities; and the preparation of financial statements. This course allows students to explore careers in accounting while learning skills applicable to any professional setting. Students will engage in project-based activities such as analyzing financial statements; implementing the accounts payable and accounts receivable process; and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for workplace. In addition, students will evaluate the roles and qualifications required for specific accounting careers so they can identify opportunities of interest to them.

Accounting II A (Genius) semester 1, 0.50 credit
Accounting II B (Genius) semester 2, 0.50 credit

Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources. This course allows

students to explore careers in accounting while learning financial skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements, implementing the accounts payable and accounts receivable process, and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers, so they can identify opportunities that interest them.

Advertising and Sales Promotion (eDynamic)+

1 semester, 0.50 credit

Great marketing strategies can be powerful. Every year companies spend approximately $200 billion promoting their products and services – and that's just in the United States alone! Explore how marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. Learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry.

Business Applications (Genius)

1 semester, 0.50 credit

Business Applications prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them. Business Applications is an introductory level Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. This course is built to state and national standards. Students who successfully complete the course can go on to obtain the Microsoft® Office Specialist: Microsoft® Office Word certification.* *Microsoft is a registered trademark of Microsoft Corporation in the United States and/or other countries. This course was originally created for Apex Courses.

Business Communications 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

No matter what career you're planning to pursue, excellent professional communication will be key to your success. Upgrade your abilities in speaking, listening, writing, using, and reading body language, and communicating in teams and groups. Discover how to plan, create, and deliver business presentations and communicate through graphics. In no time, you'll be communicating with confidence, stand out from your peers, and impress your employer.

Business Communications 1b: Listen, Speak, and Write in the Workplace (eDynamic)+

1 semester, 0.50 credit

You've learned your audience, found your voice, and can read the body's unspoken words. Now, it's time to limber up those fingers and learn the P's and Q's of communicating in a business setting. In this course, you're going to take the basic writing skills you've developed and revise them so you can take new approaches to planning, building, and distributing documents for a business audience. You'll continue to explore the essentials of writing while drafting new understandings of business documents, and then you'll learn to apply your business communication skills to job applications, interviews, and presentations. No matter your career of choice, learning to effectively communicate will help your professionalism grow leaps and bounds. Let's get writing!

Business Information Management 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Do you dream of owning your own business someday, or working for a company in a leadership position? Wherever your path may lead you, having the essential knowledge of business types, requirements to start a business, understanding of finances, business law, marketing, sales, customer service, and more, will ensure you're on the path to success. Let's explore your passion for business in this course!

Business Information Management 1b: Data Essentials (eDynamic)+

1 semester, 0.50 credit

Now that you have the basics of business down from the previous course, it's time to become better acquainted with the application of information management in business. Learn about professional conduct, teamwork, and managerial skills, while also examining careers in business technology. The basics of word processing, spreadsheets, databases, and presentation software are also explored so that you become better prepared for jobs in this field.

Business Information Management A (Genius) semester 1, 0.50 credit
Business Information Management B (Genius) semester 2, 0.50 credit

Business Information Management is designed to enable students to develop information management skills that they can use during their careers in business organizations. This course covers career opportunities available in business information management, computing technology for business, and connecting through the internet. Additionally, students will learn to work with documents, spreadsheets, presentation programs, and databases, how to design web pages, and project management skills. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the business information management industry.

Business Law 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Whether you plan on starting your own business or being in charge of one, it is crucial you understand how to keep the company compliant. Explore what it means to run an ethical business, how to keep intellectual property, technology, and e-commerce safe and protected, understand insurance and taxes, and how to have a healthy workplace environment. Keep the business safe and growing by following the law.

Business Law 1b: Legal Aspects of Business (eDynamic)+

1 semester, 0.50 credit

Whether you plan to start your own business, work for an organization, or go into law, it's essential to understand more complex legal requirements that impact business operations and decisions. This is especially true as companies grow and expand domestically and internationally. Explore the differences between criminal and civil law. Examine how state and federal regulations work to protect consumer and employees' rights, protect society and the environment, and understand how business contracts can work to protect everyone.

Business Ownership 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Do you dream of a future where you can have creative freedom, working in an industry you love, where you can get up every morning excited about the day will bring? In this course, you'll learn the skills you'll need in order to take your dream and transform it into a successful business. You'll explore foundations like generating ideas to qualifying opportunities, analyzing the market, and identifying skills for successful deployment. You'll learn to keep your business rolling and growing through effective workplace leadership and training while incorporating technological innovations to keep your business competitive. Are you ready to turn your dreams into reality? Let's get goaling!

Business Ownership 1b: Reach for the Stars (eDynamic)+

1 semester, 0.50 credit

You've defined your business and made a plan to launch your vision, and now, it's time to turn that business into a well-oiled machine! In this course, you'll familiarize yourself with tried-and-true strategies for success! You'll distinguish market segments, develop the appropriate market mix, brand your business, create a top-notch customer service environment, and calculate financial factors for the crucial first year- and every year after! Owning a booming business doesn't happen by accident. Let's learn what it takes and execute on the essentials to turn your business vision into a reputable reality!

Digital Marketing 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Digital marketing is where creativity meets strategy, and innovation is the name of game. Explore how to captivate audiences in the digital landscape. From mastering social media platforms to crafting compelling content that leaves a lasting impression and evaluating the successes (and failures) of innovative brands, students learn the secrets behind building a powerful online presence. Analyzing the consumer and their journey, students learn the power of storytelling and how to pull their promotional strategy into a multi-channel campaign.

Digital Marketing 1b: Creating Online (eDynamic)+

1 semester, 0.50 credit

How do your favorite brands become famous online? Learn how companies connect with an audience by exploring the details behind social media campaigns and mastering the art of content creation. Get hands-on with positioning, promoting, and building communities while learning about the behind the scenes of planning and data analytics. With videos, real-life examples, and case studies, you will see what works (what does not) in digital marketing. Plus, you gain insight into the different careers in this exciting marketing field. Get ready to discover the power of digital marketing!

Entrepreneurship 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true!

Entrepreneurship 1b: Make your Idea a Reality (eDynamic)+

1 semester, 0.50 credit

You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!

Entrepreneurship A (Genius) semester 1, 0.50 credit
Entrepreneurship B (Genius) semester 2, 0.50 credit

Entrepreneurship is a course that is based on Career Technical Education (CTE) standards designed to help students understand the roles and attributes of an entrepreneur, marketing and its components, selling process, and operations management. In this course, students will explore entrepreneurship and the economy, marketing fundamentals, managing customers, production and operations management, money, and business law and taxation.

Human Resources Principles A (Genius) semester 1, 0.50 credit
Human Resources Principles B (Genius) semester 2, 0.50 credit

Human Resources Principles examines the main functions of human resources management, including planning, recruitment, selection, training, development, compensation, and evaluation. In so doing, the course provides students with the tools to hire, manage, and fire employees. Students will also explore the unique role of human resources in the larger organization. This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create a recruiting plan, develop a strategy to promote a positive organizational culture, and analyze the impact of globalization on human resources. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Human Resources Principles is a full-year intermediate or capstone Career and Technical Education course applicable to programs of study in the Business, Management and Administration career cluster. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate Professional in Human Resources, Certified Administrative Manager, or Certified Associate in Project Management (CAPM)®.

International Business (Genius)
1 semester, 0.50 credit

International Business is a one-semester course that covers the fundamentals of international business, international business transactions, and how a business can go global. In this course, students will learn about international business and how globalization has impacted it. They will learn about global trade and investment policies, and politics and laws that impact international business. Students will also learn about the International Monetary Fund, foreign exchange and global capital

markets, key world economies, and economic cooperation across countries. The course also covers strategies to enter the international market along with factors like strategic planning, marketing, global sourcing, and logistics, human resource management, and employability skills. Students also learn about the cultural elements involved in conducting international business.

International Business (eDynamic)

1 semester, 0.50 credit

International business has transformed in recent decades, with companies like Google, Uber, Nike, and Amazon expanding globally. Increased interconnectivity, advanced technology, and support for international trade have opened the doors —or borders—for businesses, big and small, to join the world economy. Going global involves more than just setting up “shop” abroad. This course explores crucial aspects of global success: interacting with different countries and cultures, overcoming language barriers, understanding business laws, handling risks of political and economic changes, and managing global supply chains. Discover how your favorite brands went global and how you can too!

Introduction to Business and Technology A (Genius) semester 1, 0.50 credit
Introduction to Business and Technology B (Genius) semester 2, 0.50 credit

Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students will also learn the essentials of working in a business environment, managing a business, and owning a business. This course allows students to explore careers in business and information technology while learning skills applicable to any professional setting. Through a variety of hands-on activities, students will engage with word processing, presentation, and spreadsheet software and explore operating systems, networking, and the Internet. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Introduction to Business and Technology is a full-year introductory Career and Technical Education course applicable to programs of study in the Business, Management and Administration and Information Technology career clusters, as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access, as well as IC3 certification.

Introduction to Finance (Genius)

1 semester, 0.50 credit

Introduction to Finance is designed to enable students at the high school level to develop financial skills that they can use during their careers in business organizations. Financial literacy is an essential capability for students as they prepare for the workforce, and this course provides the information they need to determine if a career in finance is right for them. The course introduces learners to a variety of topics, including investment strategies, money management, asset valuation, and personal finance. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the finance industry.

Law & Order: Introduction to Legal Studies (eDynamic)

1 semester, 0.50 credit

Imagine if there were no laws and people could do anything they wanted. Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Explore the importance of laws and how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you'll learn to appreciate the larger legal process and how it safeguards us all.

Legal Environment of Business A (Genius) semester 1, 0.50 credit
Legal Environment of Business B (Genius) semester 2, 0.50 credit

Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law. Students also explore the impact of laws, regulations, and judicial decisions on society at large. This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will prepare legal documents, create a compliance plan, and research consumer protection issues. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Legal Environment of Business is a full-year intermediate or capstone Career and Technical Education course applicable to programs of study in the Business, Management and Administration career cluster. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Accredited Legal Professional, Certified Administrative Manager, or Certified Associate in Project Management®.

Management 1a: Introduction (eDynamic)

1 semester, 0.50 credit

From the shift managers at small businesses to the CEOs of large companies, effective management is key to any organization's success. Explore foundational management concepts such as leadership, managing teams, entrepreneurship, global business, finance, and technology and innovation. Engage in a capstone that pulls all of the concepts you've learned together, allowing you to see how management ideas can be applied to a business case study. Get started with learning the fundamentals of successful management.

Management 1b: Insight and Oversight (eDynamic)

1 semester, 0.50 credit

Every business and company needs management of some type. But what skills must you master in order to become an effective professional? Explore the ins and outs of this career, the responsibilities businesses have towards customers, and hiring the right employees. Gain an understanding of human resources (HR) to ensure job satisfaction and take action to ensure that all rules and laws are being followed. Learn how to become an effective manager in any field.

Management Fundamentals A (Genius) semester 1, 0.50 credit
Management Fundamentals B (Genius) semester 2, 0.50 credit

Management Fundamentals explores the main functions of managing activities and personal in a business environment. Students will gain awareness about the nature of Human Resources, training and development, as well as the legalities of business and the nature and sources of law affecting managerial administration. With a greater understanding of contracts, government relations, and the ability to mechanize ethically the relationships between employees, consumers, and business interests, students enter the world of business administration prepared for the challenges of maintaining a worthwhile and positive organization. This full year course is also applicable to the Business Management and Administration program of study in Indiana in alignment with Perkins V and NLPS requirements and is built to state standards. Students may take this course to satisfy the Concentrator A option in the aforementioned pathway.

Marketing Foundations 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Explore the fast-paced and exciting world of marketing! Learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Examine how to identify target markets, perform market research, and develop successful marketing strategies. Discover the legal and ethical considerations of business and marketing, along with the impact of government on business.

Marketing Foundations 1b: Building Your Base (eDynamic)+

1 semester, 0.50 credit

Dig deeper into the world of marketing and what it means for business success! Become a marketing mix pro by studying understanding branding, advertising, promotion strategies, and more, through real-world applications and practices. And explore the secrets of advertising and promotion. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field!

Marketing 2a: Global Business and Trade (eDynamic)+

1 semester, 0.50 credit

Can you think of a brand that first launched in the U.S. and then became popular in other countries? Facebook™ did this very thing! Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. Discover how business and marketing work around the world. You'll learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more.

Marketing 2b: Developing a Sales Team (eDynamic)+

1 semester, 0.50 credit

How does a business make money? If you said sales, then you're right! This course explores the secrets to sales. You'll learn expectations, best practices, sales planning, building a clientele that becomes long-term buyers, and how to stay motivated to sell, sell, sell! If sales management is your goal, you'll learn about management styles, how to find, hire, train, motivate, and compensate your team.

Marketing, Advertising, and Sales (Genius)

1 semester, 0.50 credit

Issues in marketing, advertising, and sales promotion are evolving rapidly in an increasingly digital environment. The Marketing, Advertising, and Sales course effectively helps your students prepare for a career in that environment through a comprehensive look at essential marketing principles, interactive tools and channels, and the growing impact of data in marketing and advertising. This course provides an overview of all the fundamental topics necessary to effectively put your students on a career path that unleashes their creativity and develops and leverages their critical thinking skills.

Office Administration 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Businesses worldwide and across every industry are always on the lookout for highly skilled administrative professionals to help their business be successful and thrive. Explore what it means to have effective verbal and written communication, speaking, and listening skills to work with diverse

people and teams. Then dive into learning how to leverage various technology and software businesses use to stay connected and productive.

Office Administration 1b: Running the Office (eDynamic)+

1 semester, 0.50 credit

You have learned some of the skills that an administrative professional must possess, but now it's time to take those skills to the next level! You will explore the responsibilities of an administrative professional to understand what a typical workday looks like and even what goes into searching for an administrative professional role: searching, applying, and (the most exciting part!) securing. Do you love the idea of being the glue in a successful business, helping everything run smoothly and properly? Then let's continue your journey into the career of an administrative professional!

Principles of Business Management A (Genius) semester 1, 0.50 credit
Principles of Business Management B (Genius) semester 2, 0.50 credit

Principles of Business Management prepares students for the responsibilities of starting and managing a business in today's economic climate. Students will interact with the mechanisms of management systems from the perspective of business leadership, with emphasis on honing their technical toolset to operate effectively in a changing landscape, develop a functional awareness of the economic relationship between finance and marketing, and attain an understanding of what it takes to both start and ethically run an enterprise with organizational goals in mind.

Principles of Business, Marketing, and Finance A (Genius) semester 1, 0.50 credit
Principles of Business, Marketing, and Finance B (Genius) semester 2, 0.50 credit

Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the marketplace, as well as understanding product placement and promotion. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends. Using hands-on activities, students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, distribution and management, while also focusing on economics and interpersonal skills. This course also addresses exploring career options in business and marketing as well as securing and keeping a job. Principles of Business, Marketing, and Finance is a full-year Career and

Technical course for programs of study in Business Administration and Management. This course is built to state and national standards. This course was originally created for Apex Courses.

Principles of Business, Marketing, Finance 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Discover the fundamental knowledge that will help you pursue a career in business, as well as always generating interest and buzz around the products and services offered. Explore different types of businesses and ownership forms, the impact of governments on business, and the marketing of goods and services. Learn about globalization, free trade, and various economic systems, as well as the impact of technology on business, business ethics, and social responsibility.

Principles of Business, Marketing, Finance 1b: Targeting Your Business Insight (eDynamic)+

1 semester, 0.50 credit

Get ready to learn about responsible business practices that challenge the status quo. Explore topics like marketing, finance, and running ethical businesses by analyzing the strategies of young entrepreneurs, such as Brian Chesky and Joe Gabbia, and Kylie Jenner. Every unit applies concepts to real-life practices through IRL features—Business IRL, Marketing IRL, Accounting IRL—to help you see the relevance of business principles. Follow the creation of Random Acts of Coffee, a fictional sustainable café with a pay-it-forward mission, as you devlop your own business ideas. By the end, you will complete a business plan with sections like financial projections and marketing strategies. This course can help you build a business that makes a difference—while preparing for future success!

Professional Sales and Promotion: 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

“Sell me this pen.” It seems like an easy request, but the art of selling takes nuance, expertise, and an ability to navigate the complexities of client needs. In this course, you’ll learn about the bigger picture of the sales cycle. You’ll examine the role of today’s sales professional along with the skills and qualities needed for success, and you’ll learn the ins and outs of the sales process and how it is driven by recognizing and responding to customer needs. Before long, you’ll be a part of the well-oiled engine that drives the entire commercial economy. But first, can you sell me this pen?

Professional Sales and Promotion: 1b: Secrets of Sales Success (eDynamic)+

1 semester, 0.50 credit

They say money makes the world go round, but sales is what keeps the world spinning. In this course, you’ll explore the power of promotion and how to rise to the ranks of an elite sales and promotions rep. You’ll dive into what it takes to be a stellar seller, how salespeople work together in teams to

meet goals, and how the savviest sales managers employ proven sales methods mixed with technology, tools, and psychological insights to build and operate an efficient sales team. Are you ready to keep the world in motion? Let's uncover the secrets of sales success.

Sports and Entertainment Marketing (Genius)
1 semester, 0.50 credit

Sports Entertainment and Marketing is a one-semester course intended to help students gain an insight into the field of sports, entertainment, and recreation marketing. This course covers fundamental concepts in sports, entertainment, and recreation marketing. It also covers essential skills related to advertising, sponsorship, and marketing campaigns. In addition, the course covers crucial workplace skills, such as teamwork and leadership skills.

Sports and Entertainment Marketing 1a: Introduction (eDynamic)
1 semester, 0.50 credit

The bright lights. The roaring crowds. The chants and cheers and applause. If you are drawn to the electricity of large events and the challenge of making events successful, a career in sports and entertainment marketing may be for you! In this course, you will trace the development of these industries, dissect their dual nature, and discover what it takes to pitch, promote, and deliver on these services. You 'll also explore the necessary steps to chart your own career path from among the professional roles that these industries need to operate. Let's get off the sidelines and hop into the primetime of the sporting and entertainment worlds!

Sports and Entertainment Marketing 1b: Promoting the Main Event (eDynamic)
1 semester, 0.50 credit

Get ready to drop your spectator status for an all-access pass to enter the exciting world of sports and entertainment marketing! In this course, you'll secure a solid foundation of effective marketing by studying the different roles and levels and how they relate to one another. Then, you'll explore the modern marketing methods professionals use to take an event concept and make it successful. Finally, you'll get up to speed on industry terminology and touchpoints with the help of HR. Get ready to flash that pass and gain all-star access to the stage and arena!

Career and Technical Education

Academic Success (Genius)
1 semester, 0.50 credit

As in other areas of life, success in academics results from learning and practicing positive habits. This one semester elective provides practical, hands-on guidance on developing and improving study habits and skills, regardless of a student's level of accomplishment. Academic Success includes five lessons and two course activities in a flexible structure that is adaptable to the needs and circumstances of individual students. The course can also be used for college-level developmental education.

Applied Engineering 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Discover how technology has changed the world around us by pursuing technological solutions to everyday problems. While using scientific and engineering methods, learn how electricity, electronic systems, magnets, and circuits work. Understand the design process and bring your ideas to life. Explore how engineering advances your ideas and the world!

Applied Engineering 1b: Solving Problems Together (eDynamic)+

1 semester, 0.50 credit

Do you like to invite solutions to solve problems? Applied engineering has advanced areas such as energy, transportation, health and genetics, alternative energy, food packaging, etc. Explore various inventions and solutions that have solved problems across industries. Examine how artificial intelligence and technology are making an impact on breakthroughs. Evaluate the range of robotic and STEM-related career options available for you to make a difference in lives with your contributions and innovations.

Biotechnician 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

There are so many mysteries that need unraveling in the world today that can help us grow better crops, cure diseases, combat pollution, solve crimes, and so much more. If you love the idea of solving problems to make the world a better place, a career as a biotechnician may be for you. In this course, you'll learn the basics of lab safety, how to perform tasks crucial to experimentation, biological basics, and about the exciting careers available in the field of biotechnology. Not all heroes wear capes. Some wear lab coats. Grab yours and let's get started!

Biotechnician 1b: Advancements in Biotechnology (eDynamic)+

1 semester, 0.50 credit

You've scratched the genetic surface of a biotechnician's world, but now, we're going to dive deeper into mankind's future. In this course, you'll explore essential topics that structure the reality of

biotechnology such as the role genetics and epigenetics play in influencing human traits, the creation and purpose of recombinant DNA, and how the human immune response can be tweaked to fight disease. You'll also explore GMO's and biofuels and how an idea becomes reality in the biotech industry. Let's continue learning about how you can change the world in a role as a biotechnician.

Biotechnician 2a: Moving into the Lab (eDynamic)+

1 semester, 0.50 credit

Are you ready to have an authentic, positive impact on human life? In this course, you will dive even deeper into the role of a biological technician to understand how genetic engineering works. You will explore managing a biotech laboratory, Microscopy and Spectroscopy, mammalian cell culture, what the day-to-day duties of a biotechnician involve, and more. You will also explore experimental design as it relates to genetic engineering to plan your own experiments. Get ready to break down the building blocks of the human design!

Biotechnician 2b: The Future of Biotechnology (eDynamic)+

1 semester, 0.50 credit

You've examined the DNA of the biotechnology field, and now have a solid understanding of the day-to-day duties. In this course, you will build on the basics and learn how a career as a biotechnician could change the world! You will explore genetics- diseases, therapies and testing, AI and precision medicine, CRISPR and agricultural sciences, and much more. You will also explore job opportunities in the field of biotechnology and tips for planning a career. Get ready to engineer your understanding of biotechnology!

Career Explorations (Genius)

1 semester, 0.50 credit

Career Explorations is intended as a practical, hands-on guide to enable students to explore career opportunities in different career clusters and pathways. In addition to exploring career options, students will develop an academic and career plan, learn essential skills for success in college and a variety of careers, and prepare to enter the job market. Career Explorations also helps students build confidence as they prepare to embark on their chosen careers.

Careers in Criminal Justice 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Have you ever wondered what steps take place as people as they move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order.

Careers in Criminal Justice 1b: Finding Your Specialty (eDynamic)+
1 semester, 0.50 credit

Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, and federal levels, and even in the private sector. Explore some of the various occupations in this field, while simultaneously learning how they interact with each other and other first responders. Discover various interviewing techniques to uncover the truth. Understand the importance of making ethical decisions, and how you need to keep your sense of right and wrong in check to be successful in this field.

Child Development 1a: Journey Through Childhood (eDynamic)+
1 semester, 0.50 credit

If you're considering a career in education, medicine, psychology, or areas that involve toddlers to teens, you'll need to know how they grow and develop. In this course, you will learn about the ages from womb through adolescence and the teen years. You'll explore essential topics like nature vs. nurture, developmental theories and stages, nutrition, safety precautions, family planning, and more! Let's get started learning!

Child Development 1b: Working with Children (eDynamic)+
1 semester, 0.50 credit

You have learned the basics of child development, and now it's time to dig deeper into the psyche and behaviors of children. In this course, you will learn about setting boundaries, creating rules, and enforcing consequences when working with children. You will explore helping kids and teens manage stress, provide support for children with disabilities and enrichment for gifted children, how to perform first aid, and more. You will also set goals for your future career working with children and adolescents. Let's continue beyond the basics and expand into the world of child development.

Child Development and Parenting A (Genius) semester 1, 0.50 credit
Child Development and Parenting B (Genius) semester 2, 0.50 credit

Child Development and Parenting is designed to familiarize students with the various stages of child development as well as the factors that may prevent the healthy development of a child. This course explores the development, health, nutrition, and safety of children at various stages. In addition, the course covers career opportunities in the field of childcare and development.

College and Career Preparation I (Genius)

1 semester, 0.50 credit

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers. In College and Career Preparation I, students obtain a deeper understanding of what it means to be ready for college. Students are informed about the importance of high school performance in college admissions and how to prepare for college testing. They know the types of schools and degrees they may choose to pursue after high school and gain wide exposure to the financial resources available that make college attainable. Career readiness is also a focus. Students connect the link between interests, college majors, and future careers by analyzing career clusters. Students come away from this course understanding how smart preparation and skill development in high school can lead into expansive career opportunities after they have completed their education and are ready for the working world. Students who complete College and Career Preparation I have the basic skills and foundation of knowledge to progress into College and Career Preparation II, the capstone course that provides hands-on information about the transition from high school to college and career. This course is built to the American School Counselors Association National Standards for school counseling programs.

College and Career Preparation II (Genius)

1 semester, 0.50 credit

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers. College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well financial aid options. College and Career Preparation II also instructs students in interviewing techniques and provides career guidance. Students explore valuable opportunities such as job shadowing and internships when preparing for a career. Students who complete this course obtain a deeper understanding of college and career readiness through informative, interactive critical thinking and analysis activities while sharpening their time management, organization, and learning skills that they learned in College and Career Preparation I. College and Career Preparation II prepares students with the knowledge and skills to be successful in college and beyond. This course is built to the American School Counselors Association National Standards for school counseling programs.

Cosmetology: Cutting Edge Styles (eDynamic)

1 semester, 0.50 credit

We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? Just like all careers, cosmetology requires certain skills and characteristics. You will

learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course!

Cosmetology 2: The Business of Skin and Nail Care (eDynamic)+

1 semester, 0.50 credit

This vibrant industry needs skilled and personable professionals well-versed in the latest trends and technological advances. Explore what the day-to-day life of a cosmetologist is like and discover that cosmetology is much more than knowing and applying techniques. Learn skin care and facials, how to give manicures and pedicures, how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology.

Cosmetology 3a: Introduction to Hair Skills (eDynamic)+

1 semester, 0.50 credit

Cosmetology is a specialized field with a high skill set. Examine the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. You'll learn about hair types, face shapes, and color theory. And, to effectively prepare you for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined.

Cosmetology 3b: Waving, Coloring and Advancing Hair Skills (eDynamic)+

1 semester, 0.50 credit

Let's delve into the realm of hairstyling and cutting techniques! Explore a variety of wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Discover manual curling and the use of chemicals to curl and straighten hair, as well as safety when working with chemicals. Expect to be well versed with a plethora of hair skills upon completion.

Criminology: Inside the Criminal Mind (eDynamic)

1 semester, 0.50 credit

Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.

Culinary Arts 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Thinking of a career in the food service industry or looking to develop your culinary skills? Explore basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

Culinary Arts 1b: Finding your Palate (eDynamic)+

1 semester, 0.50 credit

Did you know that baking is considered a science? Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. Explore careers in the culinary arts for ways to channel your newfound passion!

Culinary Arts 2: Baking, Pastry and More (eDynamic)+

1 semester, 0.50 credit

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, you'll build a strong foundation and grow your knowledge of this exciting industry. Explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. Enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company.

Culinary Arts A (Genius) semester 1, 0.50 credit
Culinary Arts B (Genius) semester 2, 0.50 credit

Culinary Arts is intended to help students gain an understanding of the history and development of the culinary arts as well as practical skills for careers in the culinary industry. This course covers the basics of nutrition, health, safety, and sanitation and the basic science principles used in cooking. Students will be exposed to the culinary skills required to make a variety of food items. Additionally, students will become familiar with menu planning, food presentation, different service styles, and kitchen management skills. This course is based on Career and Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in the culinary industry.

Dental Assistant 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Are you a compassionate person who genuinely cares about helping others be healthy? Learn how becoming a Dental Assistant can offer you a rewarding career as well as job security. Start with learning the different roles within a dentist's office, organizations to get involved with, and basic head,

neck, and dental anatomy. Learn what it takes to embark on a career sure to provide personal and professional fulfillment.

Dental Assistant 1b: Principles of Clinical Dentistry (eDynamic)+

1 semester, 0.50 credit

You have scraped the surface of how rewarding assistant dentistry can be, and now it's time to drill deeper into the inner workings of the role. In Dental Assistant 1b: Principles of Clinical Dentistry, you'll learn about the daily duties of a dental assistant including the structure of an office visit, managing patient records, and administrative aspects of the role. You'll also explore how patient health can impact oral health, how to prepare for and perform a patient visit, and how to succeed in a team environment. Let's continue polishing those skills to become a dental assistant today!

Dental Assistant 2a: Infection Prevention & Pharmacology (eDynamic)+

1 semester, 0.50 credit

Your passion for dentistry has strong roots, and now it's time to drill even deeper into the pulp of the science. In this course, you will continue to explore the field of dentistry through a work-based learning experience while studying how to maintain a safe environment for patients. You'll cover prevention, recognition, and management of common dental office emergencies and how to manage patient pain and medications. You'll learn about microbiology and the modes of disease related to oral care as well as explore specialties in the dental field, important responsibilities and guidelines for providers. Let's continue sharpening your cusp of knowledge as a dental assistant!

Dental Assistant 2b: Exploring Specialized Areas of Dentistry (eDynamic)+

1 semester, 0.50 credit

You've learned dental anatomy, the structure of a dental practice, and basic dental treatments; now, it's time to drill down even deeper into the world of a dental assistant. In this course, you'll explore clinical subjects: maintaining safe environments for patients, managing pain and medications, using and handling common materials in a dental setting, the basics of radiology, dental specialties and more! You'll also encounter activities designed to get you out of the classroom and into the dental world investigating and volunteering in professional settings. Lastly, you'll learn about professional organizations, gaining employment, and the certification process. Let's keep heading towards the apex of your future career!

Drafting and Design A (Genius) semester 1, 0.50 credit
Drafting and Design B (Genius) semester 2, 0.50 credit

Drafting and Design gives students a comprehensive look at the fundamental concepts of drafting and design. In this course, students will explore types of drafting tools, drafting conventions,

sketching and drawing techniques, types of views and projections, computer-aided design and drafting (CADD) operations, and the development of a prototype. This course features skill-embedded content that connects student learning to real-life experiences. Additionally, students will develop key professional and personal skills that are helpful in having a successful career in the field of drafting and design.

Early Childhood Education 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Are you curious to see what it takes to educate and nurture early learners? Use your curiosity to explore the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider!

Early Childhood Education 1b: Developing Early Learners (eDynamic)+

1 semester, 0.50 credit

Discover the joys of providing exceptional childcare and helping to develop future generations. Learn the importance of play and use it to build engaging educational activities that build literacy and math skills through each stage of childhood and special needs. Use this knowledge to develop your professional skills well suited to a career in childcare.

Electronic Communication Skills (Genius)

1 semester, 0.50 credit

Electronic Communication Skills is a one-semester course that is based on Career and Technical Education (CTE) standards to help students prepare for entry into a wide range of careers and/or into postsecondary education. The course is designed to enable students at the high school level to develop electronic communication skills that they can use in their careers. Students will learn computer basics, keyboarding techniques, working with documents and presentations, and safe use of the internet.

Essential Career Skills (Genius)

1 semester, 0.50 credit

Essential Career Skills is a one-semester course that teaches the skills required to achieve success in modern-day careers. Students will learn about personal qualities and people skills that are important in the workplace, such as work ethic, integrity, teamwork, and conflict resolution. Additionally, students will practice skills in communication, math, problem-solving, and critical thinking. The course then covers the structures and functions of business organizations, time, task, and resource

management skills, and workplace safety laws and standards. Students will then explore career goals and job opportunities and become familiar with various technologies used to perform job-specific tasks in an organization.

Fashion Design (eDynamic)+

1 semester, 0.50 credit

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating!

Food Handler and Food Manager Certifications (Genius)

1 semester, 0.50 credit

The Food Handler and Food Manager Certifications course helps students learn what they need to know to be successful in the National Restaurant Association (NRA) ServSafe® Food Handler and Manager Certification exam. The five units of the course arm students with the knowledge and skills to provide safe food to customers as a food handler or a food manager. Key topics include the principles of food safety, hygiene practices, time and temperature control, food procedures from initial purchasing to final serving, procedures for cleaning and sanitizing, and food service inspection protocols.

Food Safety: Practices & Procedures (eDynamic)+

1 semester, 0.50 credit

Do you dream of working in the food industry, dazzling guests' tastebuds with delectable dishes? Before you can deliver on your dreams, you first must know how to keep guests safe. In this course, you'll learn the ins and outs of the food industry, food preparation safety, and keeping workspaces and surfaces clean to prevent foodborne illness. You'll explore understanding and preventing pathogens from spreading to food and setting up a foodservice facility to maintain compliance. You'll also learn about the wide variety of job options and titles within the food industry. Let's get ready to learn the important safety measures that lead to your culinary dreams!

Foundations of Green Energy A (Genius) semester 1, 0.50 credit
Foundations of Green Energy B (Genius) semester 2, 0.50 credit

This is a two-semester course for high school students who want to understand the rapidly growing and evolving energy field, with special emphasis on electrical energy and on new and emerging energy technologies. The course is designed to address state standards in the Energy and STEM

domains as well as the Energy Industry Fundamentals Certificate Program (EIFCP) standards developed by the Center for Energy Workforce Development (CEWD). Unit topics include the energy industry; energy science and efficiency; electrical generation, transmission, and distribution; conventional, alternative, and emerging energy sources; health, safety, and security issues; and energy careers and pathways, from entry level to professional.

Health Science Foundations 1a: Introduction

1 semester, 0.50 credit

Do you dream of a fulfilling career that allows you to help others and continually grow? Consider the on-demand field of healthcare! In this course, you'll explore the concepts of health, wellness, and preventative care across the lifespan while also learning how the human body works. From cutting-edge technology to first-line patient care, get ready to dip your toes into the range of careers available in therapeutic services, diagnostic services, biotechnology, support services, and informatics. While learning how to apply critical skills needed by today's healthcare provider, you'll gain an understanding of the education and training necessary to launch your dream career!

Health Science Foundations 1a: Professional Responsibilities

1 semester, 0.50 credit

Are you ready to step up and become a healthcare hero? In this course, you will learn the skills that could save lives, from mastering CPR and AED to taking vital signs with confidence. Discover how to stay cool in high-pressure situations, prevent injuries, and eliminate medical errors, while gaining a solid foundation in safety and emergency skills. Along the way you will build leadership and teamwork skills that will set you apart in any healthcare role, whether you're dreaming of clinical work or a role in healthcare administration. Step into the exciting, fast-paced world of healthcare – your journey starts here.

High School Career Discovery (eDynamic)+

1 semester, 0.50 credit

Your future career is likely something you've dreamed about since you were a child. Now it's time to turn that dream into a reality! In this course, you will explore your own strengths, interests, and preferences and use that information to uncover the best career for you! You will explore 17 career clusters, learn about the skills needed to work in different industries, and choose a path to pursue. You'll build a plan to get you from high school to your first day on the job and craft a strong portfolio to land your perfect job. You've dreamed about your future career. Now it's time to create a plan and turn that dream into a goal!

Hospitality and Tourism 1: Traveling the Globe (eDynamic)+

1 semester, 0.50 credit

Where is your dream travel destination? Now imagine working there! You'll be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around leisure and travel, spotting trends, and planning events are just a few of the key aspects you will explore within this exciting field.

Hospitality and Tourism 2a: Hotel and Restaurant Management (eDynamic)+

1 semester, 0.50 credit

Are you a people person? Then hospitality may be the field for you! Learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. Discover trends and technology that make each industry exciting and innovative. Explore a variety of interesting job options from Front Desk and Concierge services to Maître d and food service.

Hospitality and Tourism 2b: Hotel and Restaurant Management (eDynamic)+

1 semester, 0.50 credit

Embark on your journey to becoming a manager in the hotel or restaurant industry by gaining knowledge and developing a variety of skills. Learn about different management styles, laws, and regulations that govern hotels and restaurants as well as how to develop job descriptions and business plans. You'll also explore how to create menus, advertise vacancies, perform interviews, and understand the financials of the hotel or restaurant.

Hotel Management 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Creating unforgettable memories through luxury and meticulous care is a service that the best hotels can offer. In this course, you will learn about the business of hospitality and the different types of hotel ownership and programs. You'll explore the essential functions of a hotel from bookings, management systems, front and back of house operations, technologies, and more. You'll also discover what it takes to keep guests happy and run a sustainable program. Let's create some management magic!

Hotel Management 1b: Exploring the Industry (eDynamic)+

1 semester, 0.50 credit

You have gained some insight into what it takes to successfully manage a hotel, and now it's time to pull back that perfectly pressed curtain a little further. In this course, you'll dig deeper into hotel organization from structure to departments and staffing needs. You'll explore management and leadership including types of managers; management styles, roles, and responsibilities; and technical and communication management skills. You'll also learn more about the big picture of the travel and tourism industry, how to handle emergencies, growth and sustainability, laws and ethics, careers in the industry, and more! Let's push those curtains wide open for a better view of your road to management.

Human and Social Services 1: Introduction (eDynamic)+

1 semester, 0.50 credit

Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. Explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you.

Human Growth and Development 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

From babies in the womb to toddlers to adolescents, human growth and development is fascinating. In this course, you'll take a deep dive into the physical, cognitive, social, and emotional growth across a child's lifespan. You'll learn about key milestones, apply theoretical frameworks that give us insight into ourselves, health and safety for ages and stages, strategies to optimize growth and development, and more! If you're considering a career in education, the social sciences, or medicine, this class will set you up for success. Let's grow your understanding of human development today by shining a light on why we do what we do!

Human Growth and Development 1b: Journey into Adulthood (eDynamic)+

1 semester, 0.50 credit

From babies in the womb to toddlers to adolescents, human growth and development is fascinating. In this course, you'll take a deep dive into the physical, cognitive, social, and emotional growth across a child's lifespan. You'll learn about key milestones, apply theoretical frameworks that give us insight into ourselves, health and safety for ages and stages, strategies to optimize growth and development, and more! If you're considering a career in education, the social sciences, or medicine, this class will set you up for success. Let's grow your understanding of human development today by shining a light on why we do what we do!

Human Resource Management 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Are you ready to step into a critical leadership role that oversees the development of every successful business' most valuable resource? In this course, you will wear the shoes of a Human Resource Management (HRM) professional and will learn how to build and manage a team to help a company reach its goals. You will also explore and perform some of the key responsibilities of a HRM professional: research, interviewing, reporting, recruiting, hiring, assessing employees, and more! Are you ready to help develop invaluable human resources that are the heart of a company and help your company thrive? Learn how to create a winning culture through human resources!

Human Resource Management 1b: People & Performance (eDynamic)+

1 semester, 0.50 credit

You've learned the basics about the critical role HRM plays in business' success, and now it's time to dive deeper into the role's main responsibilities from a practical perspective. In this course, you'll step into the shoes of an HRM professional and explore key duties such as onboarding, training and development, retaining and terminating employees, safety and risk managements, company communication, and more! You'll also learn about different career opportunities in the field of HRM, develop collateral based on real-world scenarios involving HRM tasks and responsibilities, and the role of HRM in a global environment. Let's get started!

Interior Design (eDynamic)+

1 semester, 0.50 credit

Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.

Introduction to Criminology (Genius)

1 semester, 0.50 credit

Introduction to Criminology is a one-semester course that is designed to enable students to understand basic concepts related to criminology. The target audience for this course is high school students. This course allows students to analyze and compare various theories related to criminology. Additionally, students will explore topics such as punishing offenders, deterring criminal behavior, and eliminating injustice with peace.

Introduction to Fashion Design (Genius)
1 semester, 0.50 credit

Introduction to Fashion Design focuses on the practical aspects of career preparation in the fashion design industry. The lessons in the course provide students with both breadth and depth, as they explore the full gamut of relevant topics in fashion design. This course provides students insight on the history of fashion and its place in the modern world and helps students understand terms and concepts related to fashion. Students explore fashion forecasting, predicting consumer demand, pricing, and other activities involved in the fashion process from the inspiration for a garment to creating sketches until the final product takes shape.

Introduction to Forestry and Natural Resources (eDynamic)+
1 semester, 0.50 credit

Thriving forests are an essential part of the health of the planet, from our wildlife's ecosystem to providing humans with clean air to lumber and paper products. But forests cannot protect themselves and depend greatly on humans for conservation. Learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. Forestry offers diverse professional opportunities, and for those concerned about the environment, it is a great choice.

Introduction to Manufacturing: Product Design and Innovation (eDynamic)
1 semester 0.50 credit

Have you ever wondered how products make it to store shelves? Goods we purchase must go through a manufacturing process before they can be marketed and sold. Learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will plan your own manufacturing process and create an entirely original product! See how exciting, creative, and practical this industry can be.

Introduction to Military Careers (eDynamic)
1 semester, 0.50 credit

Do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine. You will learn about the five military branches – Air Force, Army, Coast Guard, Marines Corps, and Navy – and examine which jobs you might like to pursue. From aviation to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.

Introduction to Military Careers (Genius)
1 semester, 0.50 credit

Introduction to Military Careers is a one-semester course that introduces the US military and describes each of its branches, which include the National Guard, Army, Navy, Marine Corps, Coast Guard, and Air Force. Students will learn about the relationship of the military reserve to the branches of the military. The course covers noncombat careers in the military, such as military intelligence, information technology, health care, legal services, logistics, aviation, and transportation, and other specialized careers. This course also covers enlistment and fitness requirements for military careers and personal traits that are essential for success in the military. The lessons in the course provide students with both breadth and depth, as they learn about the US Military. Online discussions and course activities require students to develop and apply critical thinking skills while appealing to a variety of learning styles and keep students engaged.

Introduction to Renewable Technologies (eDynamic)

1 semester, 0.50 credit

Renewable Technologies are becoming increasingly important as concerns about climate change, the use of fossil fuels, and population growth become foremost in the public eye. So, how do we address the world's growing concerns about energy sources? Uncover the development of new energy technologies and explore how recent approaches to renewable technologies unlock the solution needed for a safer, cleaner, and more enduring world.

Law and Order: Introduction to Legal Studies (eDynamic)

1 semester, 0.50 credit

Imagine if there were no laws and people could do anything they wanted. Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Explore the importance of laws and how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you'll learn to appreciate the larger legal process and how it safeguards us all.

Legal Admin Specialist 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

Do you picture yourself working in a law office or maybe even in a courtroom someday? A rewarding career as a legal administrator means you are responsible for the day-to-day operations in a law firm, and therefore, need to learn the fundamentals of law. You'll need to understand the specifics of researching, creating, processing, filing legal documents, and more. Jumpstart your career in law by learning what it takes to be a legal admin.

Legal Admin Specialist 1b: Taking Care of Legal Office (eDynamic)+

1 semester, 0.50 credit

Wherever your legal admin career takes you, understanding the responsibilities of a law office requires strict attention to detail, communication skills, office competence, and legal savvy. What does a legal admin need to know and what duties do they perform? How do confidentiality, cybersecurity, and client relations look different in a legal office? Learn the answers to these questions and so much more for this exciting career with endless opportunities to prove your value, learn, and grow.

Life Skills: Navigating Adulthood (eDynamic)+

1 semester, 0.50 credit

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but they don't have to be with the right tools. Learn more about yourself and prepare for the future through goal setting, decision making, surviving college and career, and how to become a valuable contributing member of society. It's your life; make it count!

Management 1a: Introduction (eDynamic)+

1 semester, 0.50 credit

From the shift managers at small businesses to the CEOs of large companies, effective management is key to any organization's success. Explore foundational management concepts such as leadership, managing teams, entrepreneurship, global business, finance, and technology and innovation. Engage in a capstone that pulls all of the concepts you've learned together, allowing you to see how management ideas can be applied to a business case study. Get started with learning the fundamentals of successful management.

Management 1b: Insight & Oversight (eDynamic)+

1 semester, 0.50 credit

Every business and company needs management of some type. But what skills must you master in order to become an effective professional? Explore the ins and outs of this career, the responsibilities businesses have towards customers, and hiring the right employees. Gain an understanding of human resources (HR) to ensure job satisfaction and take action to ensure that all rules and laws are being followed. Learn how to become an effective manager in any field.

Manufacturing 1a: Introduction (eDynamic)

1 semester, 0.50 credit

Do you ever look at your man-made surroundings and find yourself fascinated at how it was created? Modern manufacturing is the answer. In this course, you will learn the big picture of manufacturing-

categories, how companies decide what to produce, and how companies produce it- and making items in the most cost-effective way. You will also study the history of manufacturing technologies, so you can see the future possibilities for manufacturing more clearly as you start to do activities where you'll learn how your ideas can become a reality. Get ready to unveil how modern manufacturing creates the world we live in. Let's get started!

Manufacturing 1b: Your Path in Manufacturing (eDynamic)

1 semester, 0.50 credit

We live in a manufactured world. From the chair you're sitting on to each semiconductor in the screen you're looking at, most of the objects in your life came out of a factory. While the knowledge, materials, and skills needed to create these objects are distinct, there are many commonalities in the manufacturing process. Ideas need to be generated, resources need to be managed, and teams need to be led. This course will cover many of these commonalities, including managing resources, product development, operations, testing, teamwork, documentation, and much more. You'll learn both what is involved in the various areas of manufacturing and what a career in different fields would be like. Along the way, you'll do activities that enrich your knowledge and give you the opportunity to delve into the areas that interest you most. A career in manufacturing is a chance to help make the world we live in!

National Security: Diplomacy, Intelligence and Defense (eDynamic)

1 semester, 0.50 credit

Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. Learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Discover the requirements of our nation's most demanding career.

Peer Counseling 1 (eDynamic)

1 semester, 0.50 credit

Are you a great listener and love to help people achieve their goals? The role of a peer counselor is a rewarding one. Learn the skills of observation, listening, and emphatic communication that counselors need, while also discovering basic training in conflict resolution and group leadership. You'll learn how to be a great peer counselor, but also how to communicate effectively in personal and work relationships.

Principles of Agriculture, Food and Natural Resources (eDynamic)+
1 semester, 0.50 credit

Did you know that the world's population could be 11 billion people by 2050? With a growing population, how do we keep everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Gain a stronger sense of how we can maximize the foods and natural resources the earth provides. Learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.

Principles of Agriculture, Food, and Natural Resources A (Genius)
semester 1, 0.50 credit

Principles of Agriculture, Food, and Natural Resources B (Genius)
semester 2, 0.50 credit

In the Principles of Agriculture, Food, and Natural Resources course, students will learn about various career options in the agriculture, food, and natural resources industries. They will learn about technology, safety, and regulatory issues in agricultural science. They will also learn about topics related to agriculture, such as international agriculture and world trade, sustainability, environmental management, research, development, and future trends in the industry. The course helps students understand how the rising demand for sustainable food sources can be met while also meeting the challenge of producing higher yields to feed a growing world.

Principles of Architecture and Construction A (Genius)
semester 1, 0.50 credit

Principles of Architecture and Construction B (Genius)
semester 2, 0.50 credit

In the Principles of Architecture and Construction course, students will learn about various career options in the field. The course covers foundational concepts of architecture and construction such as architectural drawings, structure and loads, materials, and equipment used in architecture and construction. Students then learn the key concepts of urban design and its relationship with city government and about construction documents and standards. The course also covers workplace skills and ethics and basic computing skills.

Principles of Education and Training A (Genius) semester 1, 0.50 credit

Principles of Education and Training B (Genius) semester 2, 0.50 credit

Principles of Education and Training is designed to enable students at the high school level to learn the basics of education and training. Students will learn about various trends and factors that

influence the education industry. This course introduces various career opportunities in the field of education. The course topics include personal and professional skills needed in various education careers, child growth and development, child health, delivering instruction, and technology in education. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the education industry.

Principles of Engineering and Technology A (Genius) semester 1, 0.50 credit
Principles of Engineering and Technology B (Genius) semester 2, 0.50 credit

The Principles of Engineering and Technology course provides students with essential STEM knowledge and an effective overview of STEM careers. Students will become familiar with engineering systems and technologies, the process of engineering design, and manufacturing technologies and processes. Additionally, the course covers communication skills and team and resource management.

Principles of Government and Public Administration A (Genius) semester 1, 0.50 credit
Principles of Government and Public Administration B (Genius) semester 2, 0.50 credit

Principles of Government and Public Administration is designed to enable students at the high school level to explore career opportunities in the field of government and public administration and the career-related skills they need to possess as professionals in this field. Students will learn about the history and development of the US Constitution, the functions of government and public administration in the United States and working conditions necessary for safety in the field of government and public administration. This course covers topics such as: the influence of geography and technology, and networking and communication as they relate to government and public administration. The course is based on Career and Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in government and public administration industry.

Principles of Hospitality and Tourism A (Genius) semester 1, 0.50 credit
Principles of Hospitality and Tourism B (Genius) semester 2, 0.50 credit

The hospitality and tourism industry offers a dynamic career path that will pique the interest of many of your students. This course emphasizes learning the practical aspects of the industry and promotes the development of critical-thinking skills required in real-world situations. The 14-lesson course will introduce your students to the basics of hospitality and tourism and will help them evaluate their skills and prepare for a career in this growing and exciting industry.

Principles of Human Services A (Genius) semester 1, 0.50 credit
Principles of Human Services B (Genius) semester 2, 0.50 credit

The Principles of Human Services course is designed to enable students at the high school level to develop the critical skills and knowledge necessary in the human services industry in careers such as childcare, family services, and personal care services. Students will learn about various personal characteristics that they need to demonstrate in the workplace, such as integrity, and positive work ethics. This course covers topics such as employability skills, counseling and mental health services, and consumer services. The course is based on Career Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in the human services field.

Principles of Law, Public Safety, Corrections, and Security A (Genius)
semester 1, 0.50 credit
Principles of Law, Public Safety, Corrections, and Security B (Genius)
semester 2, 0.50 credit

The Principles of Law, Public Safety, Corrections, and Security course is intended as a practical, hands-on guide to help students understand the functioning of law enforcement agencies, courts, the correctional system, and security and emergency agencies. This course covers the history and development of criminal law in the United States, court procedures, the role of law enforcement agencies and private security in public safety, and the role of fire fighters and emergency responders. It also covers the ethical and legal responsibilities and working conditions in law enforcement and security. Through this course, students will understand the personal, professional, and technological skills required by professionals working in the fields of law, public safety, corrections, and security.

Principles of Manufacturing A (Genius) semester 1, 0.50 credit
Principles of Manufacturing B (Genius) semester 2, 0.50 credit

Principles of Manufacturing is a course designed to help your students understand various manufacturing processes, concepts, and systems, and to introduce them to the various career paths available to them in manufacturing. This course emphasizes STEM principles while also covering practical aspects of manufacturing such as marketing and regulatory issues, as well as issues related to launching and managing a manufacturing business.

Principles of Public Service: To Serve and Protect (eDynamic)
1 semester, 0.50 credit

Public service is a field that focuses on building a safe and healthy world, and you'll explore the many different career choices that are imperative to our comfort and success as a society. The protection of

society is not only one of our greatest challenges, but it also provides ways for people to work together to ensure safety and provide indispensable services. If you have ever contemplated being one of these real-life heroes, now is the time to learn more!

Principles of Transportation, Distribution, and Logistics A (Genius)

semester 1, 0.50 credit

Principles of Transportation, Distribution, and Logistics B (Genius)

semester 2, 0.50 credit

Principles of Transportation, Distribution, and Logistics will introduce your students to an industry that delivers what people want, when and how they want it. The TDL industry is essential to creating global economic growth through increasingly more efficient delivery of goods and services. This course will help to develop both the quantitative and qualitative skills and knowledge required for students to prepare themselves for a successful TDL career. The course also addresses the relevant logistical and geopolitical issues that impact global trade.

Professional Communications (Genius)

1 semester, 0.50 credit
This course fulfills Clonlara's speech requirement.

The Professional Communications course is designed to enable all students at the high school level to develop communication skills they will need to be successful in a profession. Students learn about the key aspects of the communication process. They learn to apply communication protocol and appropriate language skills in professional and social communication. Students also explore effective strategies to address diversity in communication. Finally, students familiarize themselves with reading, writing, speaking, and listening skills. This course covers topics such as communication in business organizations and technology for communication. The course is based on Career Technical Education (CTE) standards designed to help students prepare for communication in a wide range of professions.

Real World Parenting: Improving Family Life (eDynamic)

1 semester, 0.50 credit

Do you love children? Maybe you plan on babysitting or having your own someday. Learn how being a parent is much more than merely feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are critical aspects. Learn how to be a positive force in the development of your future children, as well as others around you.

Rehabilitation Careers A (Genius) semester 1, 0.50 credit
Rehabilitation Careers B (Genius) semester 2, 0.50 credit

Rehabilitation Careers focuses on the skills and knowledge needed by professionals in rehabilitation therapy. Students are introduced to various careers in rehabilitation and learn about employment opportunities in this field. They learn about the anatomy and structure of the human body and common medical terminology. They also learn about the musculoskeletal system, cardiovascular system, respiratory system, nervous system, immune system, endocrine system, integumentary system, sensory system, urinary system, and digestive system. The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

Restaurant Management (eDynamic)+
1 semester, 0.50 credit

Have you ever dreamed of running your own restaurant? Explore exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.

Teaching and Education 1a: Introduction (eDynamic)
1 semester, 0.50 credit

Do you love to learn? Do you enjoy sharing what you know with others? Teaching might be the perfect career for you! Teaching is so much more than a job. This is an amazing profession where every day is an opportunity to ignite curiosity in young minds. Explore what it takes, and the skills needed to be a dynamic and effective classroom teacher. From school climate to educational policies, get ready to discover the various components that impact a student's success. Plus, unlock tips and tricks that bring the classroom to life for today's diverse and tech-savvy students!

Teaching and Education 1b: In the Classroom (eDynamic)
1 semester, 0.50 credit

Now that you know what it takes to be a great teacher, are you ready to put it all into practice? Today's students are diverse, technologically savvy, and face distinct life stressors. How will you meet the needs of all learners, while simultaneously addressing the challenges of the modern classroom? From tried and true methods of lesson planning to project-based learning, discover the tricks and tips

that allow teachers to create a stimulating classroom for a wide range of students. Explore behavior management, how to plan meaningful curriculum, and ways to maintain your health and work-life balance in this field, all while keeping an eye on your future!

Workplace and Internship Readiness: Preparing for Work and Life (eDynamic)+

1 semester, 0.50 credit

Starting your first “real” job can be intimidating. But when you know what to expect and learn how to be successful, you’ll feel confident about the hiring process and prepared to put yourself out there! Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career options, and envision your own personal career path. Get ready to create a powerful launching pad that will help you blast off into a great first job experience!

online courses

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