K12

Course Catalog
2023–2024

GRADE 9–12

Course Name ↓≡	Subject	Course Description
AGR020 Introduction to Forestry & Natural Resources	Career Readiness Education	Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry and Natural Resources course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry related careers and important issues facing forestry professionals today.
AGR030 Principles of Agriculture, Food, and Natural Resources	Career Readiness Education	Food has to travel from the farm to the table, and in Principles of Agriculture, Food, and Natural Resources, you will learn about all of the steps in that journey, beginning with the history of agriculture through animal husbandry, plant science, and managing our use of natural resources. In this course, you will receive a broad understanding of the subject matter, preparing you for future hands-on learning, participation in Future Farmers of America, and supervised agricultural experiences.
AGR105 Agriscience 1: Introduction	Career Readiness Education	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!
AGR110E2-PBL Agribusiness	Career Readiness Education	This course is a Project Based Learning course (PBL). This course is designed to introduce students to the management concepts needed to manage an agricultural related business in today's competitive market. Students will maintain and use financial records, practice communication skills, learn economic principles, and sales in agriculture. By completing this course students will have gained an understanding of the business principles used in the agriculture industry from production to retail.

Course Name ⬇	Subject	Course Description
AGR111 Agriscience I I	Career Readiness Education	Science and technology are revolutionizing many areas of our lives, and agriculture is no exception! From aquaculture to genetic engineering, agriscience is finding new ways to better produce and manage plants, from the field to the garden. In this course, you'll build on your existing knowledge of plant science and delve deeper into important areas such as soil science and weed management. You'll learn more about horticulture and plant science trends from creating hybrid species to growing edible plants in unlikely places.
AGR211E3 Livestock and Poultry Production 1	Career Readiness Education	This course covers basic animal science and livestock industry information as well as current issues in animal agriculture. The course includes information students need to know about livestock and poultry animals for classroom study and beyond. The course will provide students with a solid understanding of the anatomy, physiology, nutrition, feeding, and reproduction of multiple livestock and poultry breeds.
AGR212E3 Livestock and Poultry Production 2	Career Readiness Education	This is the second semester of Livestock and Poultry Production. This course covers basic animal science and livestock industry information as well as current issues in animal agriculture. The course includes information students need to know about livestock and poultry animals for classroom study and beyond. The course will provide students with a solid understanding of the anatomy, physiology, nutrition, feeding, and reproduction of multiple livestock and poultry breeds.
AGR213E3 Livestock and Poultry Production 3	Career Readiness Education	This is the third semester of Livestock and Poultry Production. This course covers basic animal science and livestock industry information as well as current issues in animal agriculture. The course includes information students need to know about livestock and poultry animals for classroom study and beyond. The course will provide students with a solid understanding of the anatomy, physiology, nutrition, feeding, and reproduction of multiple livestock and poultry breeds.
AGR220E3 Food Technology	Career Readiness Education	This course is designed to enable students to explore the food technology industry. The course covers food preservation, packaging, and quality factors that contribute to the sustainability of the industry. In addition, the course covers how seafood, poultry, dairy, fruits and nuts, and vegetables are produced, classified, and graded to meet required guidelines. The role value-added and specialty products play in the retail market, as well as food math and measurements are also discussed.

Course Name ⬇	Subject	Course Description
AGR230 Principles of Plant Science	Career Readiness Education	This is a one-year course designed to explore the plant and soil science industry. Topics covered include, but not be limited to, agriculture careers, plant evaluation, fertilizers and soil amendments, scientific classification of plants, plant anatomy, plant processes, plant propagation, pesticides and herbicides, plant pests, soil conservation, and crop production in the United States.
AGR240 Wildlife, Fisheries, & Ecology Management 1	Career Readiness Education	This course is designed to enable students to explore various career opportunities within the Agriculture Cluster. This course covers ecological principles, environmental resources, habitat conservation, habitat management, and more.
AGR241 Wildlife, Fisheries, and Ecology Management 2	Career Readiness Education	This course is designed to enable students to explore various career opportunities within the Agriculture, Food, and Natural Resources Cluster, such as the Natural Resources Systems Pathway. The course covers waterfowl identification, ecology, and conservation and management. In addition, the course covers subjects related to common diseases and parasites of wildlife, wildlife and habitat management, and hunting and fishing regulations. Aquaculture management, aquaculture plant and animal species, propagation of aquatic plants, nutrition of aquatic species, and marketing aquaculture products are also discussed.
AGR241 Wildlife, Fisheries, & Ecology Management 2	Career Readiness Education	This course examines specific concepts related to maintaining healthy animal populations, such as aquatic plant and animal identification and nutrition, identification of waterfowl, wildlife diseases and parasites, common hunting, fishing, and land use regulations, and aquaculture. It also examines wildlife and habitat management in arid lands. The program consists of online instruction, interactive assessments, and related projects.
AGR310E2 Agricultural Mechanics 1	Career Readiness Education	This course provides a thorough introduction to agricultural mechanics, covering fundamental mechanical and engineering theory, common tools and materials, and a wide range of practical applications. The course also covers essential topics such as career opportunities, shop orientation and procedures, woodworking and metal working, tool fitting, project planning, cutting and welding, paints and paint application, power mechanics, electrical wiring, plumbing, hydraulics, concrete and masonry, and agricultural structures.

Course Name	Subject	Course Description
AGR320E2 Agricultural Mechanics 2	Career Readiness Education	This is the second semester of Agricultural Mechanics. This course provides a thorough introduction to agricultural mechanics, covering fundamental mechanical and engineering theory, common tools and materials, and a wide range of practical applications. The course also covers essential topics such as career opportunities, shop orientation and procedures, woodworking and metal working, tool fitting, project planning, cutting and welding, paints and paint application, power mechanics, electrical wiring, plumbing, hydraulics, concrete and masonry, and agricultural structures.
AGR330E2 Agricultural Mechanics 3	Career Readiness Education	This is the third semester of Agricultural Mechanics. This course provides a thorough introduction to agricultural mechanics, covering fundamental mechanical and engineering theory, common tools and materials, and a wide range of practical applications. The course also covers essential topics such as career opportunities, shop orientation and procedures, woodworking and metal working, tool fitting, project planning, cutting and welding, paints and paint application, power mechanics, electrical wiring, plumbing, hydraulics, concrete and masonry, and agricultural structures.
ART010 Summit Fine Art	Additional Electives, Art	This course combines art history, appreciation, and analysis, while engaging students in hands-on creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors.
ART016D Fine Art CR	Additional Electives, Art	This course combines art history, appreciation, and analysis while engaging students in hands-on, creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors.

Course Name	Subject	Course Description
ART020 Summit Music Appreciation	Additional Electives, Art	This course introduces students to the history, theory, and genres of music. The first semester covers basic music theory concepts as well as early musical forms, classical music, patriotic and nationalistic music, and twentieth-century music. The second semester presents modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. To comply with certain state standards for the arts, a student "performance practicum" is required for full credit each semester. The performance practicum requirement can be met through participation in supervised instrumental or vocal lessons, church or community choirs, community musical performances, or any other structured program that meets at regular intervals and provides opportunities for students to build vocal and/or instrumental skills. Parents or guardians will be required to present their student's proposed practicum to the student's teacher for approval, and validate their student's regular participation in the chosen performance practicum.
ART030 Art In World Cultures	Art	Students learn about some of the greatest artists while also creating art of their own, including digital art. The course explores the basic principles and elements of art, how to critique art, and how to examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.
ART040 Summit Art Appreciation	Art	This one-semester course will introduce learners to the various forms of the visual arts, such as painting, sculpture, film, and more. Students will learn how to look at a work of art, identify and compare key characteristics in artworks, and understand the role art has played throughout history. Through hands-on activities, virtual museum tours, discussion, and research, learners will develop an overall appreciation for the art they encounter in their daily lives.
ART046D Art Appreciation CR	Art	This one-semester course will introduce learners to the various forms of the visual arts, such as painting, sculpture, film, and more. Students will learn how to look at a work of art, identify and compare key characteristics in artworks, and understand the role art has played throughout history. Through hands-on activities, virtual museum tours, discussion, and research, learners will develop an overall appreciation for the art they encounter in their daily lives.

Course Name ⇟	Subject	Course Description
ART500E3 AP® Art History	Art	AP® Art History is two semesters long with 180 days of instruction. Each lesson is designed as a 45-minute block of learning time. Every unit is planned to represent at least one of the 10 content areas required by the College Board. A pacing guide is provided to instructors to explain which works of art should be included in each unit, with some flexibility allowed. Students explore a wide range of art, from the earliest works made by prehistoric ancestors in caves to the soaring cathedrals of the Gothic era and beyond. As they study painting, sculpture, architecture, and other artwork across cultures, students acquire tools for careful observation and analysis of visual expression. This course provides opportunities for students to practice new visual vocabulary and concepts through engaging discussions, relevant research, and reports about museum experiences. Course learning objectives and enduring understanding statements that support the three big ideas for AP Art History are integrated into each unit. Instructional activities build student skills to ensure that they master the essential knowledge statements. Students will build on these foundations as they explore works of art, scholarly resources, primary and secondary source documents, videos, museums, and virtual museum visits.
BUS020 Introduction To Restaurant Management	Career Readiness Education	Have you always dreamed of running your own restaurant? Maybe you want to manage a restaurant for a famous chef. What goes on beyond the dining room in a restaurant can determine whether a restaurant is a wild success or a dismal failure. In Restaurant Management, you'll learn the responsibilities of running a restaurant—from ordering supplies to hiring and firing employees. This course covers the different types of restaurants; managing kitchen and wait staff; food safety and hygiene; customer relations; marketing; using a point-of-sale system; scheduling employees; and dealing with difficult guests. Restaurant Management will prepare you for a steady career, whether you plan to buy a fast food franchise, operate a casual sit-down restaurant, or oversee a fine-dining establishment.
BUS024E3 Principles of Business, Mktg, Finance 1	Career Readiness Education	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.

Course Name ⬇	Subject	Course Description
BUS025E3 Principles of Business, Mktg, Finance 2	Career Readiness Education	Take your knowledge of business basics, finance, and marketing to the next level. Learn how to create a marketing strategy that promotes and attracts customers in order to sell a product or service. Explore important basics of business finance, including accounting, budgeting, and investing. And learn what careers are available in business and the important employability skills you'll need to ace the interview and land the job!
BUS030 Summit Personal Finance	Additional Electives, Career Readiness Education	In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money.
BUS032 Summit Introductory Finance	Additional Electives, Career Readiness Education	Understanding financial management concepts is an important life skill. From credit to insurance to taxes, it is imperative that students understand the consequences of their choices. Wisely managing their money, students become citizens that are more responsible. A thorough understanding of financial concepts, with practical application through activities and projects, will enable students to leave this course with applicable, useful skills for life. This course surveys the basic personal financial needs of most individuals and emphasizes the basics of budgeting, saving, checking, investments, credit, the wise use of insurance, and paying and preparing income tax returns. After high school, students face a world filled with possibilities, and the more knowledge they can acquire, the higher the probability that their financial future will be secure. Students taking this course will learn to better prepare for their financial futures.
BUS033E2 Consumer Behavior	Career Readiness Education	This course draws key concepts from marketing, psychology, sociology, and anthropology to present a strong foundation and highly practical focus on real-world applications for today's global business environment. This course incorporates current business practices, including extensive coverage of social media influences, increased consumer power, and emerging neuroscience findings. Students also examine controversies in consumer decision-making involving money, goals, emotions, charity, health, materialism, and sustainability. This edition increases its emphasis on social responsibility and ethics in marketing, examining both the dark side and constructive possibilities.

Course Name ⬇	Subject	Course Description
BUS036D Personal Finance CR	Career Readiness Education , Additional Electives	In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money.
BUS045E2-PBL Entrepreneurship 1	Career Readiness Education	This course is a Project Based Learning course (PBL). In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to develop new business ideas, attract investors, market their business, and manage expenses.
BUS045 Entrepreneurship I	Career Readiness Education	In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to develop new business ideas, attract investors, market their business, and manage expenses.
BUS055E2-PBL Entrepreneurship 2	Career Readiness Education	This course is a Project Based Learning course (PBL). Students build on the business concepts they learned in Entrepreneurship I. Students continue to explore the different functions of business, while refining their technology and communication skills in speaking, writing, networking, negotiating, and listening. The purpose of this course is to prepare students to launch a small business venture.
BUS055 Entrepreneurship 2	Career Readiness Education	Students build on the business concepts they learned in Entrepreneurship I. Students continue to explore the different functions of business, while refining their technology and communication skills in speaking, writing, networking, negotiating, and listening. The purpose of this course is to prepare students to launch a small business venture.
BUS065 Marketing 1	Career Readiness Education	Students find out what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real-world business examples. They learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management.

| Course Name ⬇	Subject	Course Description
BUS075E2-PBL Marketing 2	Career Readiness Education	This course is a Project Based Learning course (PBL). Students build on the skills and concepts learned in Marketing 1 to develop a basic understanding of marketing principles and techniques. The course encourages students to think like an entrepreneur and begin preparing for a career in business and marketing. By the end of the course, students will be prepared to start a small business venture.
BUS075 Marketing 2	Career Readiness Education	Students build on the skills and concepts learned in Marketing 1 to develop a basic understanding of marketing principles and techniques. The course encourages students to think like an entrepreneur and begin preparing for a career in business and marketing. By the end of the course, students will understand what it takes to start a small business venture.
BUS080 International Business	Career Readiness Education	From geography to culture, global business is an exciting topic in the business community today. This course helps students develop the appreciation, knowledge, skills, and abilities needed to live and work in the global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political, and legal factors influence both domestic and cross-border business. Students explore business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations. They also cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in twenty-first-century business activities.
BUS090E2 Sports and Entertainment Marketing 1	Career Readiness Education	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!

Course Name ⬇	Subject	Course Description
BUS091 Sports and Entertainment Marketing 2	Career Readiness Education	"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!
BUS113 Accounting 1	Career Readiness Education	This is the first semester of a two semester course. The course teaches accounting while placing emphasis on conceptual understanding and financial statement analysis to encourage students to apply accounting concepts to real-world situations and make informed business decisions. Topics include transactions and methods of accounting for both service and merchandising businesses. Accounting 1 prepares students for the NOCTI Accounting-Basic credential.
BUS114 Accounting 2	Career Readiness Education	This is the second semester of a two semester course. The course continues to teach accounting while placing emphasis on conceptual understanding and financial statement analysis to encourage students to apply accounting concepts to real-world situations and make informed business decisions. Topics include transactions and methods of accounting for both service and merchandising businesses. Accounting 2 prepares students for the NOCTI Accounting-Advanced credential.
BUS120 Hospitality & Tourism 1	Career Readiness Education	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.
BUS130 Intro to Business Info Management	Career Readiness Education	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!

Course Name ⇅	Subject	Course Description
BUS130-PBL Introduction to Business Info Mgmt	Career Readiness Education	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!
BUS140 Business Info Mgmt: Data Essentials	Career Readiness Education	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.
BUS140-PBL Business Info Mgmt: Data Essentials	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.
BUS210 Accounting 1a with Quickbooks	Career Readiness Education	BUS210 Accounting 1A with QuickBooks is MSi curriculum that helps students obtain the certification product in the Intuit QuickBooks Certified User Online Certification. This course provides an in-depth look at QuickBooks Online Plus, its features and benefits, and how to set up and manage a company in its environment. Topics include licensing requirements, company information, project and class tracking, automation, list management, the Chart of Accounts, recurring transactions, journal entries, and connecting QuickBooks with apps. Additionally, students will learn how to set up and manage customers, products, services, and sales settings. Finally, students will learn about vendor records, expense settings, money-in and money-out transactions, bank accounts, transaction rules, and basic reports and views. With this course, participants will be able to confidently set up and manage a company using QuickBooks Online Plus.

Course Name ⬇	Subject	Course Description
BUS210 Accounting 1a with QuickBooks	Career Readiness Education	BUS210 Accounting 1A with QuickBooks is MSi curriculum that helps students obtain the certification product in the Intuit QuickBooks Certified User Online Certification. This course provides an in-depth look at QuickBooks Online Plus, its features and benefits, and how to set up and manage a company in its environment. Topics include licensing requirements, company information, project and class tracking, automation, list management, the Chart of Accounts, recurring transactions, journal entries, and connecting QuickBooks with apps. Additionally, students will learn how to set up and manage customers, products, services, and sales settings. Finally, students will learn about vendor records, expense settings, money-in and money-out transactions, bank accounts, transaction rules, and basic reports and views. With this course, participants will be able to confidently set up and manage a company using QuickBooks Online Plus.
BUS210 Professional Sales and Promotion	Career Readiness Education	"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?
BUS211 Accounting 1b with Quickbooks	Career Readiness Education	BUS211 Accounting 1B with QuickBooks is MSi curriculum that continues exploring the accounting processes covered in the first semester. Topics include Generally Accepted Accounting Principles (GAAP), the accounting equation, legal structure, the accounting cycle, investors, double entry accounting, budgets, credit management, payroll, and reconciliations. Additionally, students will learn how to set up and complete income statements, balance sheets, cash flow statements, retained earnings statements, and T accounts. Participants in this course will gain a solid understanding of the foundations, statements, transactions, and bookkeeping work involved in accounting.
BUS211 Professional Sales and Promotion 2	Career Readiness Education	In this course, students will explore the power of promotion and how to rise to the ranks of an elite sales and promotions representative. They will learn what it takes to be a seller, how salespeople work together in teams to meet goals, and how the sales managers employ proven sales methods mixed with technology, tools, and psychological insights to build and operate an efficient sales team.

| Course Name ⬇	Subject	Course Description
BUS230 Hotel and Restaurant Management	Career Readiness Education	If you love working with people, a future in hospitality may be for you. In Part A of Hospitality and Tourism 2: Hotel and Restaurant Management, you will 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. As well, you will discover trends and technological advances that makes each industry exciting and innovative. In Part A, you can explore a variety of interesting job options from Front Desk and Concierge services to Maître d' and food service.
BUS240 Hospitality Mgmt, Marketing, and Operations	Career Readiness Education	Prepare yourself for a high energy career in hotel and restaurant management. Building upon the prior prerequisite course, learn about different management styles and how to develop job descriptions and business plans. Important topics, such as the laws and regulations that govern hotels and restaurants will also be covered. Preparing menus, advertising vacancies, performing interviews, and how to be financially conscious will all be discussed, making this course a comprehensive tool for those planning on entering the hotel and restaurant management industry.
BUS250 Hotel Management 1	Career Readiness Education	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!
BUS251 Hotel Management 2	Career Readiness Education	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.

Course Name ⬇	Subject	Course Description
BUS300 Entrepreneurship with Exam Prep	Career Readiness Education	BUS300 Entrepreneurship with Exam Prep is MSi curriculum that helps students obtain the first certification product in the Certiport Business Fundamentals Certification Program. In this course, students will gain a foundational understanding of entrepreneurship, small business ownership, and financial literacy. Students will learn how to identify potential business opportunities, design and create a business plan, analyze a company's financial state, and develop marketing and sales strategies. They will also learn the elements of production and distribution and how to identify, access, and use intellectual property.
BUS310 Introduction to Management 1	Career Readiness Education	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.
BUS310-PBL Introduction to Management 1	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.
BUS311 Management: Insight & Oversight	Career Readiness Education	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.

| Course Name ⬇	Subject	Course Description
BUS320-PBL Introduction to Business Law	Career Readiness Education	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.
BUS330 Intro to Office Administration	Career Readiness Education	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.

Course Name ↓≡	Subject	Course Description
BUS330-PBL Introduction to Office Administration	Career Readiness Education	Office Administration 1a provides students with a cohesive introduction about the necessary skills and resources available to become an effective administrative professional in the workplace. For students looking for careers with excitement, variety, and autonomy, this course highlights the agency and fulfillment found in working as an administrative professional while exposing students to unique business structures like, C Corp, LLC, non-profits, etc. Acknowledging the inter- and intrapersonal skills needed to properly collaborate and support a team, students will take steps to enhance their self-awareness in the workplace, build their cultural competency, and avoid toxic office relationship and politics. Additionally, students gain strategies to improve their written and verbal communication, skills they'll implement regardless of profession. While students may have an understanding about academic writing, this course delineates between writing in their Composition class and writing for the business world. Similar to a Public Speaking course, Office Administration 1a delivers tactics to improve the validity of a student's perspective and delivery of a student's expression, to include verbal, written, and nonverbal communication tips. Learning to write business memos, emails, and letters, use organizational structures like calendars and interoffice mail to effectively communicate, and compile and interpret reports allow students the opportunity to parallel an office administrator's responsibilities within their personal and academic lives, making the profession accessible to many. Lastly, students will be armed with the ability to succeed in the 21st Century job market. In the research lessons, students apply critical thinking to question the validity of sources, providing them with the ability to discern and question validity in their daily lives and future professional lives. Building on the student's understanding of primary and secondary research, they will learn to shift with the ever-changing technological advances in telecommunications, computer hardware, and computer software highlighting the fleeting nature of upgrades and version history they're all too familiar with in their daily lives. Building on their prior background knowledge, combined with their new knowledge and application, this course ends with practical and applicable tips to secure employment as an office administrator.

Course Name ⬇	Subject	Course Description
BUS331E2 Office Administration 2	Career Readiness Education	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!
BUS340-PBL Business Law: Legal Aspects of Business	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.
BUS400 Project Management with Exam Prep	Career Readiness Education	BUS400 Project Management with Exam Prep is MSi curriculum that teaches the project management skills required in today's business world and prepares students for the Project Management Ready certification exam. This course is designed to provide students with the skills needed to become proficient in project management. Through a combination of lectures, discussions, and hands-on activities, students will learn the core terminology, plan-based methods, agile frameworks, business analysis frameworks, and tools for project management. Students will be able to identify the key stakeholder roles, create a project management plan, track progress, and create a product roadmap.
BUS410 Intro to Business Communication	Career Readiness Education	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.

Course Name ⬇	Subject	Course Description
BUS410-PBL Intro to Business Communications	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.
BUS420 Business Communications 2	Career Readiness Education	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!
BUS430 Business Ownership 1	Career Readiness Education	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!
BUS431 Business Ownership 2	Career Readiness Education	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!

| Course Name ↓	Subject	Course Description
BUS440 Human Resource Management 1	Career Readiness Education	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!
BUS441 Human Resource Management 2	Career Readiness Education	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.
CAR010 Business and Health Explorations	Career Readiness Education	In this course students explore basic concepts in the broad areas of business and healthcare, as well as career options in each area. Business: How do business ideas become businesses? How are products marketed? How do you know if a business is making or losing money? These are among the questions that students explore in the business portion of this course. In addition to studying concepts of entrepreneurship, accounting and marketing, students explore these concepts on scales that range from a single person to nations. Healthcare: Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and measles identified and diagnosed? Health sciences provide the answers to questions such as these. This course introduces students to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. Students explore the importance of diagnostics and research in the identification and treatment of diseases.

Course Name	Subject	Course Description
CAR011 Business and IT Explorations	Career Readiness Education	In this course students explore basic concepts in the broad areas of business and information technology, as well as career options in each area. Business: How do business ideas become businesses? How are products marketed? How do you know if a business is making or losing money? These are among the questions that students explore in the business portion of this course. In addition to studying concepts of entrepreneurship, accounting and marketing, students explore these concepts on scales that range from a single person to nations. Information Technology: How do computers affect communication? How do computers work? How do you make a website? Information technology provides the answers to questions such as these. This course provides a comprehensive introduction to the essentials of Web design, from planning page layouts to publishing a complete site to the Web. Students learn how to use HTML to design their own Web pages. The course covers basic HTML tags for formatting text, as well as more advanced tags. Through real-world design scenarios and hands-on projects, students create compelling, usable websites using the latest suite of free tools.
CAR015-PBL Arts, AV Tech, and Communications Explorations	Career Readiness Education	This course is a Project Based Learning course (PBL). This course is designed as an exploration of the arts, audio/video technology, and communications pathways. Students will get an introduction to arts, audio/video technology, and communications careers so that they can better assess which pathway to pursue. In this course students explore basic concepts in the broad areas of art, audio/video technology, and communication, as well as career options in each area. Students study the concepts of technology skills, audio/video technology, communications, art appreciation, visual and performing arts, journalism and broadcasting, and telecommunications. Students complete projects to develop a deeper understanding of the essential skills and knowledge required for a career in arts, audio/video, or communications.
CAR017 Business and Marketing Explorations	Career Readiness Education	This course is designed as an exploration of the business career pathways. Students will get an introduction to business careers so that they can better assess which pathway to pursue. In this course students explore basic concepts in the broad areas of business and marketing, as well as career options in each area. Students study the concepts of marketing, financial management, and human resource management, in addition to other common business related functions. Students complete projects to develop a deeper understanding of the roles these business functions play.

| Course Name ⬇	Subject	Course Description
CAR022 Construction Explorations	Career Readiness Education	This course provides students with an introduction of the basic equipment used in the construction industry. Students learn about basic equipment operations and job responsibilities. This course prepares students to use concepts pertaining to safety, maintenance, mathematics and communication that Operating Engineers may experience.
CAR060 Introduction to Military Careers	Career Readiness Education	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.
CAR100 Summit Career Planning	Career Readiness Education	Students use an informative interactive process to explore career and life options in this one-semester elective. They begin with a thorough examination of their own interests, aptitudes, achievements, and personality styles. Instructional material then helps them match job market information, interview techniques, training requirements, and educational paths to potential careers that suit their strengths and personal priorities. Successfully completing this course gives students the ability to identify and describe their personal interests, aptitudes, and lifestyle goals; locate and evaluate information about different careers; identify the skills and knowledge needed for careers of interest and how to obtain them; and create an entrepreneurial business plan.
CAR106D Career Planning CR	Additional Electives	The Career Planning Credit Recovery course is a flexible online course. Students use an informative, interactive process to explore career and life options in this one-semester elective. They begin with a thorough examination of their own interests, aptitudes, achievements, and personality styles. Instructional material then helps them match job market information, interview techniques, training requirements, and educational paths to potential careers that suit their strengths and personal priorities. Successfully completing this course gives students the ability to identify and describe their personal interests, aptitudes, and lifestyle goals; locate and evaluate information about different careers; identify the skills and knowledge needed for careers of interest and how to obtain them; and create an entrepreneurial business plan.

| Course Name ⤵	Subject	Course Description
CAR400 Career Preparation I	Career Readiness Education	This course provides students with the tools, guidance, and opportunity to create and follow a career path. Students will conduct a personal exploration to determine their strengths and identify potential career pathways that align with their personality and interests. Students will hone their skills in securing a career by learning job search techniques, how to complete job applications, creating a resume, interview preparation and the development of a career portfolio. Finally students learn the importance of being responsible and productive employees by learning employability skills, workplace etiquette, conflict management, as well as valuable life skills.
COM110-PBL Interpersonal Communication	Career Readiness Education	This course is a Project Based Learning course (PBL) and is designed as an exploration of interpersonal communication. Students study the concepts of communication, intercultural communication, building a personal brand, how to communicate effectively, and more. Students complete projects to develop a deeper understanding of the roles these career functions play.
COM210 Introduction to Digital Media	Career Readiness Education	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!
COM220 Digital Media: Producing for the Web	Career Readiness Education	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.
COM230 Introduction to Journalism 1	Career Readiness Education	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.
COM231 Journalism: Investigating the Truth 2	Career Readiness Education	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.

| Course Name ⬇	Subject	Course Description
ENG001D English Foundations I	English	Students build and reinforce foundational reading, writing, and basic academic skills typically found in third through fifth grade for which they have not achieved mastery. Through carefully paced, guided instruction and graduated reading levels, students improve reading comprehension and strategies, focusing on literacy development at the critical stage between decoding and making meaning from text. Instruction and practice in writing skills help students develop their composition skills in a variety of formats. If needed, students can continue their remediation of reading and writing skills with English Foundations II.
ENG010 Journalism	English, Additional Electives	Students are introduced to the historical importance of journalism in America. They study the basic principles of print and online journalism as they examine the role of printed news media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students conduct interviews, research, write, and design their own publications.
ENG011 English Foundations II	English	Students build and reinforce foundational reading, writing, and basic academic skills needed for success in high school. Struggling readers develop mastery in reading comprehension, vocabulary building, study skills, and media literacy. Students build confidence in writing fundamentals by focusing on composition in a variety of formats, grammar, style, and media literacy.
ENG020 Summit Public Speaking	English	Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners, or consumers, of spoken information and persuasion. Students study types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to models of speeches, and prepare and present their own speeches to diverse audiences. Students learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

Course Name ↓☰	Subject	Course Description
ENG030D Summit Creative Writing	English	In this course, students explore a range of creative writing genres, including fiction, poetry, creative nonfiction, drama, and multimedia writing. They study examples of classic and contemporary selections, apply what they learn to their own writing, and develop proficiency in the writing process. They learn to evaluate the writings of others and apply evaluation criteria to their own work. By the end of the course, students will have created a well-developed portfolio of finished written works.
ENG040 Summit Grammar and Composition	English	In the course, students will consider the themes of personal identity and coming of age as they engage in writing assignments designed to provide basic writing practice. Students will read several short literary pieces. Instruction will focus on ideas, organization, sentence fluency and conventions.
ENG106 English 9 CR	English	This course is also offered as a materials free version (Digital). The English 9 Credit Recovery course is a flexible online course designed for students who need to retake the course, catch up to classmates, or earn the credits necessary to graduate on-time. The course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 9. Examples of works studied include "The Black Cat," "Ain't I a Woman?" "Nothing Gold Can Stay," and the novel *The Alchemist*. Students also learn about the formal writing process as they write a literary analysis essay.
ENG108E2 Summit English 9	English	This Summit English 9 course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.

Course Name ⬇	Subject	Course Description
ENG109E2 Summit English 9 Honors	English	The Summit English 9 Honors course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations, and participate in discussions with their peers. This course includes all the topics in ENG108 as well as several extension activities. Each semester also includes an independent honors project.
ENG206 English 10 CR	English	This course is also offered as a materials free version (Digital).The English 10 Credit Recovery course is a flexible online course designed for students who need to retake the course, catch up to classmates, or earn the credits necessary to graduate on-time. The course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 10. Examples of works studied include "The Pit and the Pendulum," poems by Lord Byron and Ezra Pound, Nixon's resignation speech, and the memoir *Night*. Students also learn about the formal writing process as they write a literary analysis essay.
ENG208E2 Summit Honors English 10	English	The Summit English 10 course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.

Course Name ↓≡	Subject	Course Description
ENG209E2 Summit Honors English 10	English	The Summit English 10 Honors course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 10. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations, and participate in discussions with their peers. This course includes all the topics in Summit English 10, as well as an independent honors project in each semester.
ENG303E3 Summit American Literature	English	In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. These works provide opportunities for text analysis, critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests.
ENG304E3 Summit American Literature Honors	English	In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for text analysis, critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests. Students enrolled in this challenging course also complete independent projects that deepen their understanding of the themes and ideas presented in the curriculum.
ENG306 American Literature CR	English	This course is also offered as a materials free version (Digital). In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

Course Name	Subject	Course Description
ENG403 Summit British and World Literature	English	Students read selections from British and world literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills. They have opportunities for creative expression in projects of their choice. Students also practice test-taking skills for standardized assessments in critical reading and writing.
ENG404 Summit British and World Literature Honors	English	Students read selections from British and world literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students work independently on many of their analyses and engage in creative collaboration with their peers. Students also practice test-taking skills for standardized assessments in critical reading and writing.
ENG406 British and World Literature CR	English	This course is also offered as a materials free version (Digital).Students read selections from British and world literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts, and make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills. Students also practice test-taking skills for standardized assessments in critical reading and writing. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

| Course Name ↓≡	Subject	Course Description
ENG500E5 AP® English Language and Composition	English	AP English Language and Composition provides students with the opportunity to read and write critically. The course is structured into units, based on the College Board guide. Students will closely examine big ideas such as: rhetorical situation, claims and evidence, reasoning and organization and style. They will read a variety of non-fiction writings, including scientific, sociological, philosophical, and narrative texts. The students will read, annotate, and write synthesis essays (using several primary sources), as well as argument and rhetorical analysis essays. Students will work through the writing process using peer review and teacher feedback to complete several drafts of their work. This course is designed to be equivalent of a one-semester introductory college–or university-level survey course. This course meets guidelines outlined in the College Board's AP® English Language and Composition Course and Exam Description.
ENG510E5 AP® English Literature and Composition	English	AP English Literature and Composition provides students with the opportunity to read and analyze a variety of works and write about those works with stylistic maturity. The course is structured into units, based on the College Board Course and Exam Description. Students will closely examine big ideas such as: character, setting, structure, narration, figurative language, and literary argument. They will read fictional works, including short fiction, long fiction, poetry, and drama from a variety of countries and time periods. Students will practice analyzing works through an assortment of strategies. Students will write multiple essays encompassing prose fiction analysis, poetry analysis, and literary argument. They will also complete a full research paper that compares two works, utilizing secondary, as well as primary, sources. They will complete an annotated bibliography and work through the writing process using peer review and teacher feedback to complete several drafts of their paper. In addition, students will be given opportunities to practice for the AP exam, with both multiple-choice questions and timed essays. This course is designed to be the equivalent of a one-semester introductory college–or university-level survey course.
HLT012 Health I	Health and Physical Education	In this course, students will learn about the four domains of health—physical, mental, emotional, and social—and their interconnection, how to set goals for healthy living, and how relationships and choices can impact their health. Students will also explore different entities and influences and their role in daily health as well as how to build healthy communities to help them thrive.

Course Name ⬇	Subject	Course Description
HLT041 Introduction to Biotechnology	Career Readiness Education	How is technology changing the way we live? Is it possible nature can provide all the answers to some of science's most pressing concerns? In Biotechnology: Introduction, you'll learn the basics of biotechnology and evolutionary theory, explore the various ways we store and preserve food, and discover the process of fermentation and microbiology. This course will also cover the importance of breeding plants and hybridization and how early breeding programs led to the study of genetics and an understanding of the function of genes. Finally, you'll delve into early industrial discoveries and explore the developments in biotechnology during the industrial revolution.
HLT042 Biotechnology: Unlocking Nature's Secrets	Career Readiness Education	The fusion of biology and technology creates an amazing process and offers humanity a chance to significantly improve our existence, while simultaneously creating new challenges. In Biotechnology 1b:

Unlocking Nature's Secrets, you'll build on your knowledge from Biotechnology: Introduction and learn how this field seeks to cure such deadly diseases as cancer and malaria, develop innovative medicine, and effectively feed the world through improved agricultural systems. Learn about some of the challenges biotechnology faces today, such as the growth of antibiotic resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMOs). You'll research new biotechnologies and learn how they are changing the world we live in, including the environmental benefits of industrial biotechnology. |
| HLT110E2-PBL Health Sciences | Career Readiness Education | This course is a Project Based Learning course (PBL) and is designed as an exploration of the health sciences. In this course students explore basic concepts in health for the people, tackling sports injuries, emergency response, and cancer education, as well as career options in various clusters. Students complete projects to develop a deeper understanding of the roles these career functions play. |
| HLT213 Medical Terminology 1 | Career Readiness Education | This course simplifies the process of memorizing complex medical terminology by focusing on the important word parts—common prefixes, suffixes and root words—that provide a foundation for learning hundreds of medical terms. Organized by body systems, the course follows a logical flow of information: an overview of the body system's structures and functions, a summary of applicable medical specialties, and ultimately pathology, diagnostic, and treatment procedures. |

| Course Name ↓≡	Subject	Course Description
HLT214 Medical Terminology 2	Career Readiness Education	This course simplifies the process of memorizing complex medical terminology by focusing on the important word parts—common prefixes, suffixes and root words—that provide a foundation for learning hundreds of medical terms. Organized by body systems, the course follows a logical flow of information: an overview of the body system's structures and functions, a summary of applicable medical specialties, and ultimately pathology, diagnostic, and treatment procedures.
HLT220-PBL Public Health	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.
HLT230-PBL Introduction to Human and Social Services	Career Readiness Education	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.
HLT310-PBL Introduction to Medical Diagnostic Technology	Career Readiness Education	This course is a Project Based Learning course (PBL). 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!
HLT320-PBL Medical Tech: Systems and Procedures	Career Readiness Education	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!

| Course Name ⬇	Subject	Course Description
HLT330 Medical Office Procedures and Admin	Career Readiness Education	This course will introduce students to the Health care industry, its environment along with the day to day skill set, and knowledge required to fulfill a position as a Medical Administrative Assistant. Modules include Professional Behavior, Communication, Law and Ethics, Law and Medicine, Daily Operations, Telephone Techniques, Appointment Scheduling, Correspondence, Computers, HIPPA, Regulations, Records Management, Information Management, Basics of Coding, Health Insurance Basics, Professional Fees, Accounting and Bookkeeping, Banking and Financial Management, Practice Management, Marketing and Customer Service.
HLT330 Medical Office Procedures and Admin	Career Readiness Education	This course will introduce students to the healthcare industry, its environment along with the day-to-day skill set, and knowledge required to fulfill a position as a Medical Administrative Assistant. Modules include Professional Behavior, Communication, Law and Ethics, Law and Medicine, Daily Operations, Telephone Techniques, Appointment Scheduling, Correspondence, Computers, HIPPA, Regulations, Records Management, Information Management, Basics of Coding, Health Insurance Basics, Professional Fees, Accounting and Bookkeeping, Banking and Financial Management, Practice Management, Marketing, and Customer Service.
HLT340 Professionalism in Allied Health	Career Readiness Education	Professionalism in Allied Heath is a comprehensive course with insight and focus on professional skills, providing foundational knowledge required of an allied healthcare professional. Video-based lessons include managing work expectations and patient interactions, managing emotions, work relationships and patient interactions, successful interactions and professional communications, and professional behavior for allied health careers.
HLT410-PBL Nursing Assistant: Introduction	Career Readiness Education	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.

Course Name ⥮	Subject	Course Description
HLT411-PBL Nursing Assistant: Patient Care	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.
HLT420 Clinical Medical Assisting	Career Readiness Education	Clinical Medical Assisting is a comprehensive course with insight and focus on patient care in the healthcare facility, providing foundational knowledge required of an allied healthcare professional. Video-based lessons include fundamentals of clinical medical assisting with emphasis on infection control, vital signs, the clinical laboratory, general and specialty physical examinations, urinalysis, microbiology, immunology, nutrition, cardiopulmonary diagnostic testing, pharmacology, medication administration, phlebotomy, hematology, surgical procedure assisting and emergency preparedness. Topics related to diversity, patient interaction, documentation and communication will be addressed. Throughout each lesson, the role of the clinical medical assistant will be presented and explained as applicable to patient education and legal & ethical issues.
HLT430-PBL Introduction to Pharmacology	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.

Course Name ⇅	Subject	Course Description
HLT431 Pharmacy Technician	Career Readiness Education	This Pharmacy Technician course is designed to education and train the student in the diverse field of Pharmacy Technology. The student will be provided didactic coursework in the areas of prescription processing, pharmacy nomenclature, biopharmaceutics and drug activity, dosage calculations, and common mathematical formulas and conversions. Consideration of drug routes and formulations includes tablets and capsules, liquid prescriptions, parenteral and enteral, and insulin and syringes. To better understand the business side of the pharmacy world, students will learn about HIPAA, drug regulation and control, inventory management, financial considerations, legal and ethical issues, sterile and non-sterile compounding, and units of measurement. Throughout the course, the student will perform realistic pharmacy simulations that duplicate tasks performed in the work environment.
HLT432 Pharmacology 2	Career Readiness Education	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.
HLT440 Insurance Billing and Coding Essentials	Career Readiness Education	This course covers the skill set and knowledge required to fulfill a position as an Insurance Billing Specialist. This will include an introduction to diagnosis coding (ICD-9 and ICD-10), procedure coding (CPT and HCPCS), billing and reimbursement processes and understanding insurance companies; as well as Medical Insurance Billing as a Career, HIPPA & HITECH, Health Insurance basics, Medical Record Documentation, Electronic Data Exchange, Claim Reimbursement, Fees, BCBS, Managed Care, Private Insurance, Medicare, Medicaid, Tricare, CHAMPVA, Workers Compensation, and Disability Income Insurance.

Course Name ⬇	Subject	Course Description
HLT441 Electronic Health Records	Career Readiness Education	This course provides students with the skills and certifications for the development and maintenance of electronic health records in both facility and private practice environments. Upon completion of this course, students will be qualified to sit for the CEHRS, and will have gained the knowledge required to perform a variety office functions necessary in the digital/electronic age. Students are introduced to, and are provided training and practical application of skills in a variety of areas related to Electronic Health Records. Ethical, legal, and regulatory requirements will be covered along with training in the hands-on Electronic Health Record software. Students will also receive comprehensive training in the areas of Professional Fees, Billing, and Collecting, the Health Insurance Claim Form, Third-Party Reimbursement, Banking Services and Procedures, Health Information Management, Computers in the Medical Office, Medical Records
HLT442 Medical Scribe	Career Readiness Education	Medical Scribe is a comprehensive course with insight and focus on professional skills, providing foundational knowledge required of a medical scribe professional. Video-based lessons include the role of the medical scribe, medical law and ethics, clinic workflow and documentation, introduction to PM/EHR administrative, working with the physician, and release of information.
HLT450 Fundamentals of Physical Therapy	Career Readiness Education	Fundamentals of Physical Therapy is a comprehensive course with insight and focus on assisting the physical therapist and physical therapy assistant with patient care and preparation in a healthcare setting. The course provides foundational knowledge required of an allied healthcare professional. Video-based lessons include fundamentals of physical therapy as it relates to the role of the physical therapy aide/technician as a member of the physical medicine/rehabilitative team. Emphasis is placed on infection control and safety, vital signs, patient preparation and transfers, ambulation support, and gait training. Topics related to physical therapy treatment, range-of-motion exercise, and various agents and modalities are also addressed.
HLT460 Sports Medicine: Introduction	Career Readiness Education	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.

Course Name ⬇	Subject	Course Description
HLT461 Sports Medicine: Preventing Injury	Career Readiness Education	This course is designed as an exploration of career pathways in sports medicine. In this course students explore basic concepts in the broad areas within the National Career Clusters® Framework, as well as career options in various clusters. Students study the concepts of body organization, muscles, movement, injury assessment, soft tissue injuries, neck pain, chest and abdomen issues, and upper and lower extremity issues. Students complete projects to develop a deeper understanding of the roles these career functions play.
HLT470 Phlebotomy	Career Readiness Education	Phlebotomy is a comprehensive course with insight and focus on specimen collection for diagnostic testing in the healthcare facility, providing foundational knowledge required of an allied healthcare professional. Video-based lessons include fundamentals of phlebotomy with emphasis on infection control, safety, communication skills, patient care and preparation, venipuncture equipment and supplies, specimen collection, handling, transport and processing.
HLT471 Electrocardiography	Career Readiness Education	Electrocardiography is a comprehensive course with insight and focus on diagnostic cardiac testing in the healthcare facility, providing foundational knowledge required of an allied healthcare professional. Video-based lessons include the fundamentals of electrocardiogram performance, Holter monitor application and assistance with stress testing. An emphasis is placed on cardiac arrhythmias. Patient care, preparation and monitoring are addressed along with standard precautions and the Occupational Safety and Health Administration (OSHA).
HLT472 Medical Lab Assisting	Career Readiness Education	Medical Lab Assisting is a comprehensive course with insight and focus on laboratory skills, providing foundational knowledge required of a medical lab professional. Video-based lessons include introduction to clinical laboratory science; standards, practices, law, and ethics in healthcare; quality assessment and quality control; general laboratory equipment; point-of-care testing (POCT); clinical chemistry - fundamental techniques; clinical chemical testing; automation in clinical chemistry; clinical hematology; hemostasis and blood coagulation; urinalysis and composition of urine; immunology, serology, and immunohematology; and health information technology in the laboratory.

Course Name ⬇	Subject	Course Description
HLT480 Surgical Technology	Career Readiness Education	HLT480A:This Surgical Technology course is designed to education and train the student in the diverse field of Surgical Technology. Video-based lessons include the surgical technologist; aspects of medical law; healthcare facilities and environments; surgical energy sources; supporting psychosocial needs; dealing with death and dying;hazards in the perioperative environment; microbes and infection; sterile technique and infection control; decontamination and sterilization standards; surgical instrumentation; pharmacology in the perioperative setting; moving, handling, and positioning; and skin prep and draping for surgery. HLT480B:This Surgical Technology course builds on the foundations begun in Surgical Technology (HLT480A).Video-based lessons include planning a case and start of surgery, interoperative and immediate postoperative period, general surgical procedures, minimally invasive surgery, robotic surgery, gynecological and obstetrical surgical procedures, genitourinary surgical procedures, ophthalmic surgical procedures, ent surgical procedures, orthopedic surgical procedures, thoracic and pulmonary surgical procedures, cardiac surgical procedures, neurosurgical procedures, and preparing for and responding to disasters.
HLT490 Dental Assisting	Career Readiness Education	This comprehensive course provides students with skills and expertise necessary to perform the functions and responsibilities assigned to the role of a Dental Assistant. The course includes instruction in dental terminology, preventive dentistry, patient care and communication, radiology, pharmacology, anesthesia, assisting in specialty practices, legal and ethical responsibilities, health and safety in the workplace, compliance, infection control, disease prevention, dental instruments and equipment, basic chairside assisting, and general dental business office procedures. The Dental Assisting course offers students a well-rounded education on a variety of medical and administrative skills that are essential to working in the dental profession. The Dental Assisting course is delivered through a combination of video lecture, textbook and workbook review, and assessments. Additionally, video simulations provide students with a real-world view of dental assisting procedures and tasks.
HLT511E2 Nursing Assistant with Exam Prep 1	Career Readiness Education	This course prepares students for meaningful careers in acute care, long-term care, and home health care. Topics include patient handling and transfers, wound care, communication, safety, and record keeping, as well as special care procedures for patients with medical devices, catheters, and physical or mental impairments. Essential background information, such as basic human anatomy, career planning, and the latest health care trends are also addressed.

| Course Name ↓≡	Subject	Course Description
HLT512E2 Nursing Assistant with Exam Prep 2	Career Readiness Education	This course continues to prepare students for meaningful careers in acute care, long-term care, and home health care. Topics include patient handling and transfers, wound care, communication, safety, and record keeping, as well as special care procedures for patients with medical devices, catheters, and physical or mental impairments. Essential background information, such as basic human anatomy, career planning, and the latest health care trends are also addressed.
HLT513E2 Nursing Assistant with Exam Prep 3	Career Readiness Education	This course continues to prepare students for meaningful careers in acute care, long-term care, and home health care. Topics include patient handling and transfers, wound care, communication, safety, and record keeping, as well as special care procedures for patients with medical devices, catheters, and physical or mental impairments. Essential background information, such as basic human anatomy, career planning, and the latest health care trends are also addressed.
HS English Language Arts Skills Recovery I	English	The High School English Language Arts Skills Recovery I course is a flexible online course designed for grade 9 and 10 students who would benefit from remediation of general skills or strengthen skills in specific areas. The course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grades 9-10. Examples of works studied include "Harrison Bergeron," poems by Sara Teasdale and Stephen Crane, F.D. Roosevelt's "Four Freedoms" speech, and the memoir Night. Students also learn about the formal writing process as they write various genres of essays.
HS English Language Arts Skills Recovery II	English	The High School English Language Arts Skills Recovery II course is a flexible online course designed for grade 11 and 12 students who would benefit from remediation of general skills or strengthening skills in specific areas. The course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grades 11-12. Examples of works studied include "Two Kinds" by Amy Tan, poems by Walt Whitman and Langston Hughes, writings by Thomas Paine, and an excerpt from the memoir Black Boy. Students also learn about the formal writing process as they write various genres of essays.

Course Name ⬇	Subject	Course Description
HST010 Anthropology	History	Anthropologists research the characteristics and origins of the cultural, social, and physical development of humans and consider why some cultures change and others come to an end. In this course, students are introduced to the five main branches of anthropology: physical, cultural, linguistic, social, and archeological. Through instruction and their own investigation and analysis, students explore these topics, considering their relationship to other social sciences such as history, geography, sociology, economics, political science, and psychology. Emulating professional anthropologists, students apply their knowledge and observational skills to the real-life study of cultures in the United States and around the world. The content in this course meets or exceeds the standards of the National Council for the Social Studies (NCSS).
HST012D Anthropology	Additional Electives	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 the things that make us humans, such as our cultures, languages, and religions.
HST020D Psychology	Career Readiness Education	In this one-semester course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key psychology terms and how to apply psychological principles to their own lives. Unit topics include: Methods of Study, Biological Basis for Behavior, Learning and Memory, Development and Individual Differences, and Psychological Disorders.

| Course Name ⬇	Subject	Course Description
HST026D Psychology CR	Additional Electives	In this one-semester course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key terms of psychology and how to apply psychological principles to their own lives. Unit topics include: Methods of Study, Biological Basis for Behavior, Learning and Memory, Development and Individual Differences, and Psychological Disorders.
HST030DE4 Economics	History	Students are introduced to the basics of economic principles, and they will learn the importance of understanding different economic systems. They will also investigate how to think like an economist. Students will explore different economic systems, including the American free enterprise system, and they will analyze and interpret data to understand the laws of supply and demand. Students will also be presented with economic applications in today's world. From economics in the world of business, money, banking, and finance, students will see how economics is applied both domestically and globally. Students will also study how the government is involved in establishing economic stability in the American free enterprise system as well as the how the U.S. economy has a global impact.
HST040DE3 Civics	History	Civics is the study of citizenship and government. This one-semester course provides students with a basic understanding of civic life, politics, and government, and a short history of government's foundation and development in this country. Students learn how power and responsibility are shared and limited by government, the impact American politics has on world affairs, the place of law in the American constitutional system, and which rights the American government guarantees its citizens. Students also examine how the world is organized politically and how civic participation in the American political system compares to that in other societies around the world today.

| Course Name ↓≡	Subject	Course Description
HST060-PBL Sociology	Career Readiness Education	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.
HST060 Sociology I	History	The world is becoming more complex. How do your beliefs, values, and behavior affect the people around you and the world in which you live? Students examine social problems in the increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.
HST061 Sociology II	History	Sociology is the study of people, social life, and society. By developing a "sociological imagination," students examine how society itself shapes human action and beliefs—and how in turn these factors reshape society itself. Fascinating online video journeys inform students and motivate them to seek more knowledge on their own.
HST103E4N World History	History	In this comprehensive survey of world history from prehistoric to modern times, students focus in depth on the developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts within the context of the historical narrative. Online lessons and assessments complement World History: Our Human Story, a textbook written and published by Stride. Students are challenged to consider topics in depth and from multiple perspectives as they analyze primary sources and maps and complete other projects. They practice historical thinking and writing skills as they explore the broad themes and big ideas of human history.

Course Name ⇩	Subject	Course Description
HST104E4N World History Honors	History	In this challenging survey of world history from prehistoric to modern times, students focus in-depth on the developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Online lessons and assessments complement World History: Our Human Story, a textbook written and published by K^{12}. Students are challenged to consider topics in depth as they analyze primary sources and maps, create timelines, and complete other projects —practicing advanced historical thinking and writing skills as they explore the broad themes and big ideas of human history. Students complete an independent honors project each semester.
HST106E2 World History CR	History	This course is also offered as a materials free version (Digital). In this survey of world history from prehistoric to modern times, students focus on the key developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Online lessons and assessments complement *World History: Our Human Story*, a textbook written and published by K12. Students analyze primary sources and maps, create timelines, and complete other projects—practicing historical thinking and writing skills as they explore the broad themes and big ideas of human history. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

Course Name	Subject	Course Description
HST203E3N Modern World Studies	History	In this comprehensive course, students follow the history of the world from approximately 1870 to the present. They begin with a study of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students examine both the problems and accomplishments of the twentieth century, with a focus on political and social history. Students also explore topics in physical and human geography and investigate issues of concern in the contemporary world from multiple perspectives. Online lessons help students organize their studies, explore topics, review in preparation for assessments, and practice sophisticated skills of historical thinking and analysis. Activities include analyzing primary sources and maps, connecting past historical events to current events, and completing projects.
HST204E3 Modern World Studies Honors	History	In this advanced course, students investigate the history of the world from approximately 1870 to the present. They begin with an analysis of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students undertake an in-depth examination of both the staggering problems and astounding accomplishments of the twentieth century, with a focus on political and social history. Students also explore advanced topics in physical and human geography, and investigate issues of concern in the contemporary world. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting research. Students complete independent projects each semester.

| Course Name ↓≡	Subject	Course Description
HST206E2 Modern World Studies CR	History	This course is also offered as a materials free version (Digital). In this course, students follow the history of the world, from approximately 1870 to the present. They begin with a study of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students examine both the problems and accomplishments of the twentieth century, with a focus on political and social history. Students also explore topics in physical and human geography, and investigate issues of concern in the contemporary world. Online lessons help students organize study, explore topics, review in preparation for assessments, and practice sophisticated skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, writing assignments, and conducting independent research. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
HST213DE3 Geography	History	This course examines a broad range of geographical perspectives covering all the major regions of the world. Students clearly see the similarities and differences among the regions as they explore the locations and physical characteristics, including absolute and relative location, climate, and significant geographical features. They look at each region from cultural, economic, and political perspectives, and closely examine the human impact on each region. Audio readings and vocabulary flash cards support reading comprehension. Students learn and apply thinking skills as they complete assignments that provide a more in-depth focus on the subject matter.
HST216DE2 Geography CR	History	This course examines a broad range of geographical perspectives covering all of the major regions of the world. Students clearly see the similarities and differences among the regions as they explore the locations and physical characteristics, including absolute and relative location, climate, and significant geographical features. They look at each region from cultural, economic, and political perspectives, and closely examine the human impact on each region. Students take diagnostic tests that assess their current knowledge and generate individualized study plans, so students can focus on topics that need review. Audio readings and vocabulary lists in English and Spanish support reading comprehension.

Course Name ⬇	Subject	Course Description
HST222DE3 Contemporary World Issues	History	In this course, students will compare the geography, governments, economies, and cultures of the world. Emphasis will be placed on learning about the civics, politics, economics, structures, processes and policies of the United States and then comparing them with those of the international community. Students will use what they know and learn about the United States and the world to analyze current events and contemporary issues. Reasoning and research skills will be applied to the content throughout the course.
HST303E3 U.S. History	History	This course is a full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from Stride's The American Odyssey: A History of the United States. Online lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating time lines, completing projects and written assignments, and conducting independent research.
HST304E3 US History Honors	History	This course is a challenging full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K12's *The American Odyssey: A History of the United States*. Online lessons help students organize their study, explore topics in-depth, review in preparation for assessments, and practice advanced skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research. Students complete independent projects each semester.
HST306E2 US History CR	History	This course is also offered as a materials free version (Digital). This course provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Online lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating time lines, completing written assignments, and conducting independent research. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

| Course Name ⬇	Subject	Course Description
HST313E3 Modern U.S. History	History	This course is a full-year survey that provides students with a comprehensive view of American history from the industrial revolution of the late nineteenth century to recent events. Readings are drawn from Stride's The American Odyssey: A History of the United States. Online lessons help students organize study, explore topics in-depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.
HST313E3 Modern US History	History	This course is a full-year survey that provides students with a comprehensive view of American history from the Industrial Revolution of the late nineteenth century to recent events. Readings are primarily drawn from Stride's The American Odyssey: A History of the United States. Online lessons help students organize their studies, explore topics in depth, analyze events from multiple points of view, review in preparation for assessments, practice skills of historical thinking and analysis, and connect historical events to current events. Activities include analyzing primary sources and maps, completing written assignments, and conducting research.
HST314E3 Modern US History Honors	History	This course is a challenging full-year survey that provides students with a comprehensive view of American history from the industrial revolution of the late nineteenth century to recent events. Readings are drawn from K12's *The American Odyssey: A History of the United States*. Online lessons help students organize study, explore topics in-depth, review in preparation for assessments, and practice advanced skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating time lines, completing projects and written assignments, and conducting independent research. Students complete independent projects each semester.
HST316E2 Modern US History CR	History	This course is also offered as a materials free version (Digital). This course provides students with a comprehensive view of American history from the industrial revolution of the late nineteenth century to recent events. Online lessons help students organize study, explore topics in-depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing written assignments, and conducting independent research. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

| Course Name	Subject	Course Description
HST403DE3N US Government and Politics	History	This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country, and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court. They discuss their own views on current political issues.
HST403E3 US Government and Politics	History	Students study the history, organization, and functions of the U.S. government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and their governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court. They analyze current and historical issues from multiple points of view to practice and deepen their critical thinking skills.
HST406DE2 US Government and Politics CR	History	This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country, and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court. They discuss their own views on current political issues. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

Course Name ⬇	Subject	Course Description
HST413DE3 US and Global Economics	History	In this course on economic principles, students explore choices they face as producers, consumers, investors, and taxpayers. Students apply what they learn to real-world simulation problems. Topics of study include markets from historic and contemporary perspectives; supply and demand; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money (what it is, how it evolved, the role of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; profiles of individuals who are making their mark in business and economics, and a survey of markets in such areas as China, Europe, and the Middle East.
HST413E3 US and Global Economics	History	In this course on economic principles, students explore the choices they face as producers, consumers, investors, and taxpayers. Students apply what they learn to real-world simulation problems. Topics of study include markets from historic and contemporary perspectives; supply and demand; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money (what it is, how it evolved, and the roles of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; and the effects of globalization. Students also refine their critical thinking skills by analyzing economic issues from multiple perspectives.
HST416DE2 US and Global Economics CR	History	In this course on economic principles, students explore choices they face as producers, consumers, investors, and taxpayers. Students apply what they learn to real-world simulation problems. Topics of study include markets from historic and contemporary perspectives; supply and demand; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money (what it is, how it evolved, the role of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; and a survey of markets in such areas as China, Europe, and the Middle East.

| Course Name ↓≡	Subject	Course Description
HST500 AP® U.S. History	History	Students explore and analyze the economic, political, and social transformation of the United States since the time of the first European encounters. Students are asked to master not only the wide array of factual information necessary to do well on the AP Exam, but also to practice skills of critical analysis of historical information and documents. Students read primary and secondary source materials and analyze problems presented by historians to gain insight into challenges of interpretation and the ways in which historical events have shaped American society and culture. The content aligns to the sequence of topics recommended by the College Board and to widely used textbooks. The course prepares students for the AP Exam.
HST510E3 AP® US Government and Politics	History	This course is the equivalent of an introductory college-level course. Students explore the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students gain the analytical perspective necessary to evaluate political data, hypotheses, concepts, opinions, and processes and learn how to gather data about political behavior and develop their own theoretical analysis of American politics. Students also build the skills they need to examine general propositions about government and politics, and to analyze specific relationships between political, social, and economic institutions. Students prepare for the AP Exam and for further study in political science, law, education, business, and history.
HST520E4 AP® Macroeconomics	History	This course is the equivalent of an introductory college-level course. 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. Students also examine how individuals and institutions are influenced by employment rates, government spending, inflation, taxes, and production. Students prepare for the AP Exam and for further study in business, political science, and history.

Course Name ⬇	Subject	Course Description
HST530E4 AP® Microeconomics	History	This course is the equivalent of an introductory college-level course. Students explore the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students learn why the same product can cost different amounts at different stores, in different cities, and at different times. Students also learn to spot patterns in economic behavior and learn how to use those patterns to explain buyer and seller behavior under various conditions. Lessons promote an understanding of 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 the economy. Students prepare for the AP Exam and for further study in business, history, and political science.
HST540E4 AP® Psychology	History	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. The course exposes students to facts, research, appropriate terminology, and major figures in the world of psychology. The equivalent of a 100-level college survey course, AP Psychology prepares students for the AP Exam and for further studies in psychology and life sciences. The content aligns to the College Board Course and Exam Description for Psychology.
HST550 AP(R) Human Geography	History	In this course, students will identify and define the central themes of human geography and ways in which key concepts in AP Human Geography are linked together.
HST560E4 AP® World History	History	This course spans from ca. 1200 CE to the present in a rigorous academic format organized by chronological periods and viewed through fundamental concepts and course themes. Students analyze the causes and processes of continuity and change across historical periods. Themes include human-environment interaction, cultures, expansion and conflict, political and social structures, and economic systems. In addition to mastering historical content, students cultivate historical thinking skills that involve crafting arguments based on evidence, identifying causation, comparing and supplying context for events and phenomenon, and developing historical interpretation. This course prepares students for the AP World History Exam.

Course Name ⬇	Subject	Course Description
LAW050 Principles of Public Service: To Serve & Protect	Career Readiness Education	Concluding their investigation of Principles of Public Service: To Serve and Protect, students will: • Define and explore public service • Explore the elements of a thriving community • Explore the elements of an effective workforce • Explore the elements of effective leadership • Recognize how regulations are used to check the conduct of both the government and the individuals who help society • Understand why ethics and morals are an important part of working in public service • Understand why communication is an important part of public service • Understand that public service involves thinking about the future and taking care of people • Identify public safety and service careers.
LAW110 Careers in Criminal Justice 1	Career Readiness Education	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.
LAW110-PBL Careers in Criminal Justice 1	Career Readiness Education	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.
LAW111 Careers in Criminal Justice 2	Career Readiness Education	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.

| Course Name ↓≡	Subject	Course Description
LAW111-PBL Careers in Criminal Justice 2	Career Readiness Education	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.
LAW220-PBL Criminology	Career Readiness Education	This course is a Project Based Learning course (PBL) and is designed as an exploration of a career in law. In this course, students explore basic concepts in the broad areas within the National Career Clusters® Framework, as well as career options in various clusters. Students study the concepts of crime, deviance, research methods, psychoanalytic theories of crime, modeling theories, social structure, crimes against persons and property, white-collar crime, the criminal case process, corrections, and more. Students complete projects to develop a deeper understanding of the roles these career functions play.
LAW310-PBL Law and Order	Career Readiness Education	This course is a Project Based Learning course (PBL) and is designed as an exploration of a career in law. In this course students explore basic concepts in the broad areas within the National Career Clusters® Framework, as well as career options in various clusters. Students study the concepts of consumer law, the court system, civil versus criminal cases, human rights, and the origin of the U.S. Constitution in addition to other common related functions. Students complete projects to develop a deeper understanding of the roles these career functions play.
LAW320 Legal Admin Specialist 1	Career Readiness Education	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.

Course Name ⬇	Subject	Course Description
LAW330 Legal Admin Specialist 2	Career Readiness Education	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.
LAW350 National Security	Career Readiness Education	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.
LAW350-PBL National Security	Career Readiness Education	This course is a Project Based Learning course (PBL) and is designed as an exploration of a career in law. In this course, students explore basic concepts in the broad areas within the National Career Clusters® Framework, as well as career options in various clusters. Students study the concepts of national security, treaties, international security, the rules of engagement, The Patriot Act, Edward Snowden, the Geneva Convention, how intelligence is collected, natural disasters, terrorism, preparing for the future of security, and more. Students complete projects to develop a deeper understanding of the roles these career functions play.
MFG230 Introduction to Advanced Manufacturing	Career Readiness Education	In this introductory course to advanced manufacturing concepts, students will learn about manufacturing careers and prepare to apply for and succeed in their first job. This course introduces how manufacturing companies operate including the use of computers and automation in manufacturing. Students will complete hands-on projects designed to provide insight into the world of manufacturing. Students will also explore the principles and techniques involved in lean manufacturing, such as minimizing waste and improving workflow.

Course Name ⤓	Subject	Course Description
MFG240 Applied Engineering 1: Introduction	Career Readiness Education	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!
MFG250 Applied Engineering 2: Solving Problems	Career Readiness Education	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.
MFG300 Occupational & Tool Safety Fundamentals	Career Readiness Education	This Occupational & Tool Safety Fundamentals course explores the skills and legal knowledge necessary to safely operate tools and work in an occupation related to using those tools, such as manufacturing. It also covers job site safety and manufacturing careers.
MFG330 Technician Safety and Fundamentals	Career Readiness Education	Safety Fundamentals is one of the most important aspects of an industrial training program. This dedicated safety module explores all aspects of manufacturing and workplace safety with the objective of educating students about safety norms, procedures, and laws. Lockout/Tagout procedures are critical in creating a safe work environment. Lockout Tagout delivers skills-based curriculum through virtual and hands-on activities. Students learn all aspects of lockout/tagout procedures in industrial environments.Mathematics for Technicians I is designed to equip technicians with the math skills they are likely to need on a daily basis. The curriculum conveys skills-based math through virtual activities, providing students with fundamentals they will encounter in a variety of career and industrial environments. Math for Technicians II applies advanced mathematics concepts to everyday tasks. Through interactive activities students learn about drive ratios, Ohm's Law, mechanical principles, and how these concepts apply in the engineering and industrial environments. Blueprint Reading delivers skills-based curriculum through virtual activities. Students learn all aspects of reading and interpreting blueprints in engineering and industrial environments, including views, tolerances, cutting planes, thread dimensions, and welding symbols.

| Course Name ⬇	Subject	Course Description
MFG340 Manufacturing Tools and Processes	Career Readiness Education	Hand Tools play a key role in the everyday tasks of technicians. Hand Tools features skills-based curriculum delivered through activities in which students learn all aspects of using hand tools. Power Tools also play a key role in the everyday tasks of technicians. Power Tools delivers skills-based activities, in which students learn all aspects of using power tools. Lubrication for Technicians conveys skills-based curriculum through virtual and hands-on activities. Mechanical Fasteners may be taught as a virtual module, delivered entirely online with interactive activities, or as a blended module with both virtual and hardware-based activities. Students identify and work with the many types of fasteners used in engineering and industrial environments. Mechanical Measurement and Quality Control enables students to gain a solid foundation of knowledge and skill in performing measurements and calculations. Students gain proficiency in reading mechanical drawings, in selecting the proper tools for inspecting parts and in preparing quality control/ inspection reports.
MGT350ALogistics Management	Career Readiness Education	This logistics management course explores the skills and legal knowledge necessary to run the daily operations of a business on an international scale. The course covers topics such as contract, employment, product, and service law, project management skills, global industry and marketing, and more.
MGT350 Logistics Management	Career Readiness Education	This logistics management course explores the skills and legal knowledge necessary to run the daily operations of a business on an international scale. The course covers topics such as contract, employment, product, and service law; project management skills; global industry and marketing; and more. The course also covers topics such as workplace issues, budgeting for business, aspects of a business plan, purchasing procedures, distribution and inventory methods, and more.
MKT120D Marketing Foundations - Domestic	Career Readiness Education	Without marketing, most of the businesses people are familiar with wouldn't exist. Customers would never hear about the latest products or services, visit certain stores, or develop loyalty to specific brands. Marketing allows businesses to grow and also helps customers access better products and services. In this course, students will learn about the foundations of marketing, the role and function of marketing in business, economics, business ownership, and government regulations. They will also study legal issues and ethics, the impact of finance on marketing, the importance of market research, and marketing concepts and plans.

Course Name ↓≡	Subject	Course Description
MKT121D Marketing Foundations – International	Career Readiness Education	Can you think of a brand that first launched in the United States and then became popular in other countries? Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. In this course, students will discover how business and marketing work around the world. They will learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more. This course requires the following household materials: • Computer with: • Internet access • Word processing program • Slideshow presentation program • Camera for still photographs (either a digital or cell phone camera) • Video recording device with audio (computer camera, cell phone camera) • Audio recording device • Access to television, magazines, and radio • Calculator (phone calculator) • 5 miscellaneous products from around the house • Optional: • Poster board • Markers, crayons, or colored pencils • Scissors • Glue • Other arts and craft materials

Course Name ⬇	Subject	Course Description
MKT200D Understanding Products and Sales 1	Career Readiness Education	In this course, students will dig deeper into the world of marketing and what it means for business success. They will study branding, advertising, promotion strategies, and more through real-world applications and practices. Students will also learn about effective sales techniques and discover employment opportunities in marketing. This course requires the following household materials: • Computer with: • Internet access • Word processing program • Slideshow presentation program • Camera for still photographs (either a digital or cell phone camera) • Video recording device with audio (computer camera, cell phone camera, or similar) • Audio recording device • Access to television, magazines, and radio • Video props: telephone, calculator, pen and paper, graphs and charts, cash register (or something to represent one), purchase orders, packing slips, and spreadsheet • Optional: • Poster board • Markers, crayons, or colored pencils
MKT201D Understanding Products and Sales 2	Career Readiness Education	In MKT201D Understanding Products and Sales 2, students learn about effective sales strategies and management practices. This includes learning about sales expectations, best practices, and planning and building a clientele of long-term buyers. Students also explore topics related to sales management, such as management styles, and how to find, hire, train, motivate, and compensate sales teams.
MTH001D Math Foundations I	Math	Students build and reinforce foundational math skills typically found in third through fifth grade for which they have not achieved mastery. They progress through carefully paced, guided instruction and engaging interactive practice. If needed, students can move on to Math Foundations II (addressing skills typically found in sixth through eighth grade) to further develop the computational skills and conceptual understanding needed to undertake high school math courses with confidence.

Course Name ⬇	Subject	Course Description
MTH011D Math Foundations II	Math	Students build and reinforce foundational math skills typically found in sixth through eighth grade, achieving the computational skills and conceptual understanding needed to undertake high school math courses with confidence. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. This course is appropriate for use as remediation at the high school level or as a bridge to high school.
MTH106D Pre-Algebra CR	Math	Stride's Pre-Algebra credit recovery course is intended to formalize and extend the mathematics that students learned in the middle grades and prepare students for a formal algebra course. In this course, students deepen their understanding of linear equations and inequalities by contrasting them with each other. Students also learn about systems of equations and inequalities and prepare for Algebra with an initial exposure to polynomials, their properties and how to operate with them. Students also study irrational numbers and the Pythagorean theorem. Students take short diagnostic assessments at the beginning of the course for blocks of related content within each unit. Student performance on these assessments determines the content revealed to the student.
MTH107 Summit Developmental Algebra	Math	This is the first course in a two-year algebra sequence that concludes with Continuing Algebra . In this course, students begin to explore the tools and principles of algebra. Students learn to identify the structure and properties of the real number system; complete operations with integers and other rational numbers; work with square roots and irrational numbers; graph linear equations; solve linear equations and inequalities in one variable; and solve systems of linear equations. Sophisticated virtual manipulatives and online graphing tools help students visualize algebraic relationships. Developmental Algebra covers fewer topics than a one-year algebra course, providing students with more time to learn and practice key concepts and skills. After completing Developmental Algebra, students will be prepared to take Continuing Algebra.

Course Name ⬇	Subject	Course Description
MTH113E2 Pre-Algebra	Math	In this course, students take a broader look at computational and problem-solving skills while learning the language of algebra. Students extend their understanding of ratio to develop an understanding of proportions and solve problems including scale drawings, percent increase and decrease, simple interest, and tax. Students extend their understanding of numbers and properties of operations to include rational numbers. Signed rational numbers are contextualized and students use rational numbers in constructing expressions and solving equations. Students derive formulas and solve two-dimensional area problems including the area of composite figures. In three dimensions, students find surface area using formulas and nets. Students also compute the volume of three-dimensional objects including cubes and prisms. Students make use of sampling techniques to draw inferences about a population including comparative inferences about two populations. Students also investigate chance processes through experimental and theoretical probability models.
MTH126 Algebra 1 CR	Math	This course is also offered as a materials free version (Digital). The Algebra 1 Credit Recovery course leads students from their proficiency and understanding of numbers and operations into the mathematics of algebraic thinking. Building on pre-algebra skills developed in middle school, students deepen their understanding of linear expressions and equations, linear inequalities, and coordinate graphing. They then explore and learn about the function concept, radical expressions, exponential expressions and functions, quadratic functions, systems of equations, factoring and roots of equations, and basic statistical analysis.
MTH128 Summit Algebra 1	Math	The Summit Algebra 1 course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions.

Course Name ⇅	Subject	Course Description
MTH129 Summit Algebra 1 Honors	Math	Summit Algebra 1 course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of Algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions.
MTH146D Integrated Mathematics CR	Math	This first-year high school integrated math course focuses on linear and simple exponential models. The course contrasts linear behavior with exponential behavior and uses both linear and simple exponential equations as models. Students learn about and work extensively with functions—analyzing function properties and behavior, creating and transforming functions, and applying functions to various continuous and discrete situations. The statistics in the course cover both univariate and bivariate data. For univariate data, students learn about measures of center and spread. For bivariate data, they learn about correlation and fitting data to a line. The topics in geometry include transformations, reasoning, congruence, construction, and analytic geometry. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
MTH148 Summit Integrated Mathematics I	Math	This first-year high school integrated math course focuses on linear and simple exponential models. The course contrasts linear behavior with exponential behavior and uses both linear and simple exponential equations as models. Students learn about and work extensively with functions—analyzing function properties and behavior, creating and transforming functions, and applying functions to various continuous and discrete situations. The statistics in the course cover both univariate and bivariate data. For univariate data, students learn about measures of center and spread. For bivariate data, they learn about correlation and fitting data to a line. The topics in geometry include transformations, reasoning, congruence, construction, and analytic geometry.

| Course Name ⬇	Subject	Course Description
MTH206 Geometry CR	Math	This course is also offered as a materials free version (Digital). The Geometry Credit Recovery course combines mathematical reasoning and proof with an extension of students' algebraic development in geometric contexts. The course focuses primarily on two-dimensional shapes in the Euclidean plane. Starting with segments and angles, students develop understanding of and work through problems and proofs involving congruence, similarity, parallel and perpendicular lines, quadrilaterals, and circles. Toward the end of the course, time is also spent extending the treatment of triangles into basic trigonometry concepts and providing students with a detailed taste of analytic geometry by developing and using the equation of a circle in the coordinate plane.
MTH207 Summit Continuing Algebra	Math	This is the second course in a two-year algebra sequence. In this course, students build on what they learned in Developmental Algebra to complete their knowledge of all topics associated with a deep understanding of Algebra I. They learn about relations and functions, radicals and radical expressions, polynomials and their graphs, factoring expressions and using factoring to solve equations, solving quadratics, rational expressions, and logic and reasoning.
MTH208 Summit Geometry	Math	K12's Geometry course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.
MTH209 Summit Geometry Honors	Math	This Summit Geometry Honors course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling. This course includes all the topics in MTH208 as well as several extension activities. Each semester also includes an independent honors project.

Course Name	Subject	Course Description
MTH246D Integrated Math II CR	Math	Integrated Mathematics II, a second-year high school math course, introduces students to polynomials, including the factoring of polynomials, before moving onto quadratics equations and quadratic functions. Students expand on their knowledge of sequences in learning about series. The course also covers probability, including conditional probability. There are many geometry topics in the course, including transversals, quadrilaterals, similarity, volume, and circles. Students solve problems using right triangle trigonometry and special right triangles, and use the tools of analytic geometry to describe circles and parabolas in the coordinate plane. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
MTH248D Summit Integrated Math II	Math	Integrated Mathematics II, a second-year high school math course, introduces students to polynomials, including the factoring of polynomials, before moving onto quadratics equations and quadratic functions. Students expand on their knowledge of sequences in learning about series. The course also covers probability, including conditional probability. There are many geometry topics in the course, including transversals, quadrilaterals, similarity, volume, and circles. Students solve problems using right triangle trigonometry and special right triangles, and use the tools of analytic geometry to describe circles and parabolas in the coordinate plane.
MTH306 Algebra 2 CR	Math	This course is also offered as a materials free version (Digital).The Algebra 2 Credit Recovery course builds on the mathematical proficiency and reasoning skills developed in Algebra 1 and Geometry to lead students into advanced algebraic work. The course emphasizes the concept of functions throughout. Sandwiched between short forays into probability and statistics is a thorough treatment of linear, quadratic, higher-degree polynomial, exponential, logarithmic, and trigonometric functions, with emphasis on analysis, problem solving, and graphing. Toward the end of the course, an introduction to sequences and series is presented in preparation for future work in mathematics.

Course Name ⬇	Subject	Course Description
MTH307 Summit Practical Math	Math	In this course, students use math to solve real-world problems—and real-world problems to solidify their understanding of key mathematical topics. Data analysis, math modeling, and personal finance are key themes in this course. Specific topics of study include statistics, probability, graphs of statistical data, regression, finance, and budgeting. In addition, students learn how to use several mathematical models involving algebra and geometry to solve problems. Proficiency is measured through frequent online and offline assessments as well as class participation. Units focused on projects also allow students to apply and extend their math skills in real-world cases.
MTH308 Summit Algebra 2	Math	This Summit Algebra 2 course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques.
MTH309 Summit Algebra 2 Honors	Math	In the Algebra 2 course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques.
MTH322 Summit Consumer Math	Math	In Summit Consumer Math, students study and review arithmetic skills they can apply in their personal lives and in their future careers. The first semester of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. In the second semester, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses. Narrated slideshows help illustrate some of the more difficult content. Throughout the course, students participate in online discussions with each other and their teacher.

Course Name ⬇	Subject	Course Description
MTH326D Consumer Math CR	Math	In Consumer Math, students study and review arithmetic skills they can apply in their personal lives and in their future careers. The first semester of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. In the second semester, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses. Narrated slideshows help illustrate some of the more difficult content. Throughout the course, students participate in online discussions with each other and their teacher.
MTH332 Summit Integrated Math	Math	Students will build mathematical skills that allow students to solve problems and reason logically. Students will be able to communicate their understanding by organizing, clarifying, and refining mathematical information for a given purpose. Students will use every day and mathematical language and notation in appropriate and efficient forms to clearly express or represent complex ideas and information.
MTH346D Integrated Mathematics III CR	Math	In this third-year high school integrated math course, students expand on previous high school math topics including systems of equations and inequalities, polynomials, trigonometry, statistics, and functions. The introduction of complex numbers leads to new adventures in factoring polynomials, solving polynomial equations, and graphing polynomials. Students work with radical and rational expressions and equations and extend their knowledge of exponential functions to inverses and logarithmic functions. They learn about the unit circle and use trigonometric functions to model periodic processes. Geometric topics include three-dimensional visualization, design and optimization, and real-world modeling. Students are introduced to piecewise and logistic functions and perform quadratic and exponential regressions. Finally, students use statistical and probability tools, such as the standard normal distribution, to understand data, and use simulations, experiments, and surveys to make inferences. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

Course Name ⇅	Subject	Course Description
MTH348 Summit Integrated Mathematics III	Math	In this third-year high school math course, students expand on previous high school math topics including systems of equations and inequalities, polynomials, trigonometry, statistics, and functions. The introduction of complex numbers leads to new adventures in factoring polynomials, solving polynomial equations, and graphing polynomials. Students work with radical and rational expressions and equations and extend their knowledge of exponential functions to inverses and logarithmic functions. In geometry, they learn about the unit circle and use trigonometric functions to model periodic processes. Other geometric topics include three-dimensional visualization, design and optimization, and real-world modeling. Students are introduced to piecewise and logistic functions and perform quadratic and exponential regressions. Finally, students use statistical and probability tools, such as the standard normal distribution, to understand data, and use simulations, experiments, and surveys to make inferences. Students take diagnostic tests at regular intervals to assess their current knowledge of fundamental content.
MTH403 Summit Pre-Calculus/ Trigonometry	Math	Pre-calculus weaves together concepts of algebra and geometry into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include quadratic, exponential, logarithmic,radical, polynomial, and rational functions; matrices; and conic sections in the first semester. The second semester covers an introduction to infinite series, trigonometric ratios, functions, and equations; inverse trigonometric functions; applications of trigonometry, including vectors; polar equations and polar form of complex numbers; arithmetic of complex numbers; and parametric equations.

Connections are made throughout the course to calculus and a variety of other fields related to mathematics. Purposeful concentration is placed on how the concepts covered relate to each other. Demonstrating the connection between the algebra and the geometry of concepts highlights the interwoven nature of the study of mathematics. |
| MTH413 Summit Probability and Statistics | Math | Students learn counting methods, probability, descriptive statistics, graphs of data, the normal curve, statistical inference, and linear regression. Proficiency is measured through frequent online and offline assessments, as well as asynchronous discussions. Problem-solving activities provide an opportunity for students to demonstrate their skills in real-world situations. |

| Course Name ⇅	Subject	Course Description
MTH433 Summit Calculus	Math	This course provides a comprehensive survey of differential and integral calculus concepts, including limits, derivative and integral computation, linearization, Riemann sums, the fundamental theorem of calculus, and differential equations. Content is presented across ten units and covers various applications, including graph analysis, linear motion, average value, area, volume, and growth and decay models. In this course students use an online textbook, which supplements the instruction they receive and provides additional opportunities to practice using the content they've learned. Students will use an embedded graphing calculator applet (GCalc) for their work on this course; the software for the applet can be downloaded at no charge.
MTH500E3 AP® Calculus AB	Math	In AP Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics.
MTH510E2 AP® Statistics	Math	AP 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.

Course Name ⬇	Subject	Course Description
ORN015 Welcome to Online Career Learning	Career Readiness Education , Additional Electives	The Welcome to Online Career Learning course is an introduction to the virtual learning environment and career learning for middle and high school students. The course begins with an orientation to the Online Middle and High School (OMHS). This exploration includes an introduction to the tools to locate and complete assignments, communicate with teachers, and monitor progress. The course also includes strategies for successful online learning such as effective time management. Career earning topics include an introduction to the program, curriculum, and school features. An overview of clusters, career and technical service organizations, and work-based learning are important elements of the career learning program. Students explore project based learning to prepare for course work in certain career courses. The course contains an overview of different productivity and collaboration tools. Lessons include tutorials, practice activities such as submitting a graded assignment or creating a weekly schedule, and real experiences of past and present career learning students.
ORN100 Finding Your Path I	Orientation	Freshmen begin their school year with a course specifically targeted to their unique concerns. This 10-hour orientation course is unique for each student, as school counselors, advisers, and other staff guide students through an in-depth exploration of their interests, abilities, and skills. Students explore their education and career interests, define goals, and create a path through high school that will get them there. In addition, this course serves as a "home base" where students and school counselors can address topics that are critical to ensuring success in high school and beyond.
ORN200 Finding Your Path II	Orientation	Sophomores begin their school year with a course specifically targeted to their unique concerns. This 10-hour orientation course is unique for each student, as school counselors, advisors, and other staff guide students through an in-depth exploration of their interests, abilities, and skills. Students explore their education and career interests, define goals, and create a path through high school that will get them there. In addition, this course serves as a "home base" where students and school counselors can address topics that are critical to ensuring success in high school and beyond.

Course Name	Subject	Course Description
ORN300 Advisory SM10 Finding Your Path III	Orientation	Juniors begin their school year with a course specifically targeted to their unique concerns. This 10-hour orientation course is unique for each student, as school counselors, advisors, and other staff guide students through an in-depth exploration of their interests, abilities, and skills. Students explore their education and career interests, define goals, and create a path through high school that will get them there. In addition, this course serves as a "home base" where students and school counselors can address topics that are critical to ensuring success in high school and beyond.
ORN300 Finding Your Path III	Orientation	Juniors begin their school year with a course specifically targeted to their unique concerns. This 10-hour orientation course is unique for each student, as school counselors, advisors, and other staff guide students through an in-depth exploration of their interests, abilities, and skills. Students explore their education and career interests, define goals, and create a path through high school that will get them there. In addition, this course serves as "home base" where students and school counselors can address topics that are critical to ensuring success in high school and beyond.
ORN400 Finding Your Path IV	Orientation	Seniors begin their school year with a course specifically targeted to their unique concerns. This 10-hour orientation course is unique for each student, as school counselors, advisors, and other staff guide students through an in-depth exploration of their interests, abilities, and skills. Students explore their education and career interests, define goals, and create a path through high school that will get them there. In addition, this course serves as a "home base" where students and school counselors can address topics that are critical to ensuring success in high school and beyond.
OTH010 Summit Skills For Health	Additional Electives	This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources. The curriculum is designed around topics and situations that engage student discussion and motivate students to analyze internal and external influences on their health-related decisions. The course helps students build the skills they need to protect, enhance, and promote their own health and the health of others.

Course Name ⬇	Subject	Course Description
OTH011 Summit Personal Health	Additional Electives	In this course students will study physical, emotional, mental, and social health. They will study how to maintain and improve all facets of health while learning about disease and illness prevention. Students will also study the effects of tobacco, alcohol, and substance abuse for the individual as well as communities. In addition to their reading lessons, students complete a variety of activities, assignments, quizzes, and tests to assess their understanding of the content studied.
OTH016D Health CR	Additional Electives	In this Health course, students develop the knowledge and skills they need to make healthy decisions that allow them to stay active, safe, and informed. The course presents the components of a healthy lifestyle and strategies for making healthy choices. Instructional material introduces students to the concepts of mental, emotional, social, consumer, and physical health. Students have opportunities to apply their value systems to decisions concerning their own health. They learn about the importance of good nutrition and how to help prevent many prevalent diseases. They also learn basic first aid and CPR skills and develop an awareness of the dangers of drug, alcohol, and tobacco use. Students develop communication skills in this one-semester course that allow them to demonstrate healthy choices with respect for self, family, and others.
OTH020 Summit Physical Education	Additional Electives	This pass/fail course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. Students may enroll in the course for either one or two semesters, and repeat for further semesters as needed to fulfill state requirements.
OTH021D Lifetime Fitness and Wellness	Physical Education	This course includes wellness instruction and promotes student participation in weekly cardiovascular, aerobic, and muscle-toning activities. Students will develop the knowledge and skills they need to make positive fitness decisions to stay active, safe, and informed, from high school and beyond. The lessons and activities introduce important aspects of physical health and fitness and focus on helping students stay active. Students will set fitness goals and assess their progress throughout the course. Students will use daily Fitness Plans to guide their physical activity and Fitness Logs to track their activity.

Course Name ↓≡	Subject	Course Description
OTH021 Lifetime Fitness and Wellness	Health and Physical Education	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.
OTH021 Summit Personal Fitness I	Health and Physical Education	In this course, night grade students learn and practice principles of fitness, wellness, and health to develop habits of healthy living. Guided by their text book, *Fitness for Life*, students will explore topics that include the physiology of diet and exercise, bio-mechanics, and team dynamics. They will apply their knowledge in daily fitness activities as well as assignments that include personalized exercise and diet plans that develop students' self-assessment skills. the varied activities also reinforce how physical fitness catalyzes emotional and mental well-being, self-esteem, and communication skills.
OTH022D Physical Fitness	Physical Education	This course includes wellness instruction and promotes student participation in weekly cardiovascular, aerobic, and muscle-toning activities. Students will develop the knowledge and skills they need to make positive fitness decisions to stay active, safe, and informed, from high school and beyond. The lessons and activities introduce important aspects of physical health and fitness and focus on helping students stay active. Students will set fitness goals and assess their progress throughout the course. Students will use daily Fitness Plans to guide their physical activity and Fitness Logs to track their activity.
OTH022D Physical Fitness CR	Physical Education	This credit recovery course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping a log of their physical activity and submitting videos of fitness and sports skills. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management.

Course Name ↓↑	Subject	Course Description
OTH022 Summit Personal Fitness II	Health and Physical Education	In this course, high school students will study ways to get and stay fit through moderate and vigorous activities, sports, and recreation. They will study the components and benefits of fitness. Students will also study self-management, stress management, and lifestyle practices to achieve and maintain fitness. In addition to their reading lessons, students complete a variety of activities, assignments, quizzes, and tests to assess their understanding of the content studied.
OTH031 Archaeology	History	George Santayana once said, "Those who cannot remember the past are condemned to repeat it." The field of archaeology helps us better understand the events and societies of the past that have helped shape our modern world. This course focuses on the techniques, methods, and theories that guide the study of the past. Students learn how archaeological research is conducted and interpreted as well as how artifacts are located and preserved. Finally, students learn about the relationship of material items to culture and what we can learn about past societies from these items.
OTH033 Veterinary Science	Career Readiness Education	As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course examines some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases affect not only the animals around us, but at times, us humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues are studied and applied.
OTH036 Gothic Literature	English	Since the eighteenth century, Gothic tales have influenced fiction writers and fascinated readers. This course focuses on the major themes found in Gothic literature and demonstrates how the core writing drivers produce a suspenseful environment for readers. It presents some of the recurring themes and elements found in the genre. As they complete the course, students gain an understanding of and an appreciation for the complex nature of Gothic literature.
OTH039E2 Criminology	Career Readiness Education	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.

| Course Name ↓≡	Subject	Course Description
OTH040 Reaching Your Academic Potential	Additional Electives	Students learn essential academic skills within the context of their learning style, individual learning environment, and long-term goals. This course helps students develop habits for more successful reading, writing, studying, communication, collaboration, time management, and concentration. It also provides insights into how the brain works when they are learning, and ways to maximize its potential.
OTH050 Achieving Your Career and College Goals	Additional Electives, Career Readiness Education	Students explore their options for life after high school and implement plans to achieve their goals. They identify their aptitudes, skills, and preferences and explore a wide range of potential careers. They investigate the training and education required for the career of their choice and create a plan to be sure that their work in high school is preparing them for the next step. They also receive practical experience in essential skills such as searching and applying for college, securing financial aid, writing a resume and cover letter, and interviewing for a job. This course is geared toward 11th and 12th graders.
OTH060 Family and Consumer Science	History	In this course, students develop skills and knowledge to help them transition into adult roles within the family. They learn to make wise consumer choices, prepare nutritious meals, contribute effectively as part of a team, manage a household budget, and balance roles of work and family. They gain an appreciation for the responsibilities of family members throughout the life span and the contributions to the well-being of the family and the community.
OTH070 Lifetime Nutrition and Wellness	Career Readiness Education	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.
OTH080 Summit Nutrition and Wellness	Additional Electives	This half-credit course will introduce the student to an overview of good nutrition principles that are needed for human physical and mental wellness. Discussion of digestion, basic nutrients, weight management, sports and fitness, and life-span nutrition is included. Application to today's food and eating trends, plus learning to assess for reliable nutrition information is emphasized.

| Course Name ⬇	Subject	Course Description
OTH090 Summit Life Skills	Additional Electives	This one-semester elective is designed to increase students' knowledge of and ability in using the skills necessary for everyday living. Life Skills emphasizes defining personal values, goal-setting and planning, and solving problems. Instructional material focuses on dealing with media and peer pressure, communicating and relationships, working with others, avoiding and/or resolving conflict, decision-making, wellness and personal safety, aspects of good citizenship, environmental awareness, and how students can contribute to their own community. The course is organized in six units that cover the following topics: Course Introduction, Thinking about Yourself, Thinking for Yourself, Taking Care of Yourself, Caring for Your Relationships, and Caring about Your World.
OTH091 Law and Order	Career Readiness Education	Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, students become more informed and responsible citizens.
OTH092 Health Sciences I	Career Readiness Education	Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and measles identified and diagnosed? Health sciences provide the answers to questions such as these. This course introduces students to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. Students explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

Course Name ⬇	Subject	Course Description
OTH094-DYN Health Science II	Career Readiness Education	Challenging. Variable. Rewarding. These three words can be used to describe many careers in the health sciences. In this course, you will learn more about what it takes to be a successful health science professional, including how to communicate with patients. You'll explore the rights and responsibilities of both patients and health science professionals in patient care and learn more about how to promote wellness among patients and health care staffs. Finally, you'll learn more about safety in health science settings and the challenges and procedures of emergency care, infection control, and blood-borne pathogens.
OTH110E2 Understand Child Development	Career Readiness Education	This course introduces students to the unique qualities of young children from infants to age eight, and demonstrates how to work with each child in ways that correspond with their developmental level, and their social and cultural environment. The course includes learning theories and research as well as information about the importance of play and technology in a young child's learning process. Other topics covered include readiness, assessment, working with children and families from diverse cultures, working with children with special needs, and the early stages of reading, writing, and general cognitive development.
OTH121 Principles of Education & Training	Career Readiness Education	This course is designed to enable students to explore various career opportunities within the Education and Training Cluster, including the Teaching/Training Pathway, the Professional Support Services Pathway, and the Administration and Administrative Support Pathway. The course covers essential skills needed for success in the workplace, including decision making, teamwork and collaboration, conflict management, employability skills (e.g., problem solving, professionalism, and leadership), and ethics in business. In addition, the course covers subjects related to building a career and achieving success, such as career testing, higher learning, and portfolio development. Professional communication, effective written communication, and mathematics in various workplace settings are also discussed.
OTH122D Child Growth, Guidance, and Care	Career Readiness Education	This course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society and pursue careers related to the care, guidance and education of children, including those with special needs.

Course Name ⬇	Subject	Course Description
OTH123D Educational Practices 1	Career Readiness Education	This course can help prepare students for a career in education. The course will help students gain valuable knowledge over topics like leadership, learning styles, and how to create a successful learning environment.
OTH124D Educational Practices 2	Career Readiness Education	This course helps prepare students for a career in education. The course will help students gain valuable knowledge of topics like professional development, employability skills, communication, collaboration, and conflict management.
OTH161 Early Childhood Education 1	Career Readiness Education	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!
OTH162 Early Childhood Education 2	Career Readiness Education	Building on the previous prerequisite course, 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 need. Use this knowledge to develop your professional skills well suited to a career in childcare!
OTH171 Culinary Arts 1	Career Readiness Education	Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide you with 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. Finally, prepare for your future by building the professional, communication, leadership, and teamwork skills that are critical to a career in the culinary arts.
OTH172 Culinary Arts 2	Career Readiness Education	Did you know that baking is considered a science? Building on the prior prerequisite course, 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. The last unit in this course explores careers in the culinary arts for ways to channel your newfound passion!

| Course Name ⬍	Subject	Course Description
OTH181 Fashion Design	Career Readiness Education	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!
OTH182 Interior Design	Career Readiness Education	Do you have a flare for designing and decorating? If so, this course will show you how to turn your interests and skills into a career. From professionals who own their own business to those working within a larger company, 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. You'll learn about color, texture, trends and styles over time, how homes are built, and "green" options for homes and businesses. Most importantly, you'll learn how to work with a client to meet their unique needs and style requirements. This course will help you to identify parts of interior design that are most interesting to you, helping you to chart the path for your future.
OTH211E2 Introduction to Mechanical Engineering	Career Readiness Education	This course introduces students to the field of mechanical engineering and helps them develop an appreciation for how engineers design hardware that builds and improves societies around the world. The course covers topics such as technical problem-solving skills, design, engineering analysis, and modern technology to provide a solid mechanical engineering foundation students need for future success in the field.
OTH212E2 Engineering Drawing and Design 1	Career Readiness Education	In this course students learn about actual product design through all phases, from concept through manufacturing, marketing, and distribution. Students learn how engineering design practices improve output quality and also learn management methods to identify the causes of defects, remove them, and minimize manufacturing variables.
OTH213E2 Engineering Drawing and Design 2	Career Readiness Education	This is the second semester of Engineering Drawing and Design. In this course students continue their study of learning about actual product design through all phases, from concept through manufacturing, marketing, and distribution. Students learn how engineering design practices improve output quality and also learn management methods to identify the causes of defects, remove them, and minimize manufacturing variables.

Course Name ⬇	Subject	Course Description
OTH250 Culinary Arts 3: Baking and Pastry	Career Readiness Education	Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 3 will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also 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. Discover the delights that await you on this delicious culinary adventure!
OTH350 ServSafe Food Handler Certification	Career Readiness Education	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! This course requires the following household materials: • Sink • Soap • Antiseptics • Paper towels • Trash can • Poster board • Art supplies • Refrigerator • Tableware

Course Name ⇩	Subject	Course Description
SCI010 Summit Environmental Science	Science	This course surveys key topic areas, including the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment. Students explore actual case studies and conduct five hands-on, unit-long research activities, learning that political and private decisions about the environment and the use of resources require accurate application of scientific processes, including proper data collection and responsible conclusions.
SCI020 Astronomy 1	Science, Additional Electives	Follow your enthusiasm for space by introducing yourself to the study of astronomy. This course will include topics such as astronomy's history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Further knowledge is gained through the study of galaxies, stars, and the origin of the universe.
SCI021 Astronomy 2	Science, Additional Electives	Building upon the prior prerequisite course, dive deeper into the universe and develop a lifelong passion for space exploration and investigation. Become familiar with the inner and outer planets of the solar system as well as the sun, comets, asteroids, and meteors. Additional topics include space travel and settlements as well as the formation of planets.
SCI030E2 Forensic Science	Science	This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, laboratories, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.
SCI102E3 Summit Physical Science	Science	Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skills in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning with laboratory investigations and experiences.

| Course Name ⇩	Subject	Course Description
SCI106E3 Physical Science CR	Science	This course is also offered as a materials free version (Digital). Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skills in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning with laboratory investigations.
SCI113A & BE3 Summit Earth Science	Science	This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of indepth online lessons, an associated reference book, collaborative activities, and laboratories students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods.
SCI114A & BE3 Summit Honors Earth Science	Science	This challenging course provides students with an honors-level earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of online lessons, an associated reference book, collaborative activities, and laboratories students can conduct at home. The course prepares students for advanced studies in geology, meteorology, oceanography, and astronomy courses, and gives them more sophisticated experience in implementing scientific methods. Additional honors assignments include debates, research papers, extended collaborative laboratories.
SCI116E3 Earth Science CR	Science	This course is also offered as a materials free version (Digital).This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of in-depth online lessons, collaborative activities, virtual laboratories, and hands-on laboratories students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

Course Name	Subject	Course Description
SCI130-PBL Forensic Science	Career Readiness Education	This course is a Project Based Learning course (PBL) and is designed as an exploration of forensic science. Students study the concepts of crime scene documentation, trace evidence, DNA evidence, toxicology, and various types of crimes in addition to other common related functions in a forensic science career. Students complete projects to develop a deeper understanding of the roles these career functions play.
SCI203E3 Summit Biology	Science	In this comprehensive course, students investigate the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of in-depth online lessons, including extensive animations, an associated reference book, collaborative explorations, and laboratory experiments students can conduct at home.
SCI204E3 Summit Biology Honors	Science	This course provides students with a challenging honors-level biology curriculum, focusing on the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of advanced online lessons, including extensive animations, an associated reference book, collaborative explorations, and laboratory experiments students can conduct at home. Honors activities include debates, research papers, and extended laboratories.
SCI206E3 Biology CR	Science	This course is also offered as a materials free version (Digital). Topics include the scientific method, characteristics of living things, energy, organic compounds, and water. Students review the structure and function of living things, the cell, genetics, DNA, RNA, and proteins. They review evolution and natural selection; digestive, respiratory, nervous, reproductive, and muscular systems; and ecology and the environment. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
SCI303E3 Summit Chemistry	Science	This course gives students a solid basis to move on to future studies. The course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction, laboratories, and related assessments, used with a problem-solving book.

Course Name ↓≡	Subject	Course Description
SCI304E3 Summit Honors Chemistry	Science	This advanced course gives students a solid basis to move on to more advanced courses. The challenging course surveys all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry, enhanced with challenging model problems and assessments. Students complete community-based written research projects, treat aspects of chemistry that require individual research and reporting, and participate in online threaded discussions.
SCI306E3 Chemistry CR	Science	This course is also offered as a materials free version (Digital). This comprehensive course gives students a solid basis to move on to future studies. The course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction and laboratories. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
SCI330 Anatomy and Physiology	Career Readiness Education	Starting with the relationship between anatomy and physiology, students will then learn about cell structure and their processes. Learners will also discover the functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems. Students will learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and the endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics. Finally, students will explore the importance of accurate patient documentation as well as technology used in the industry.
SCI340 Intro to Anatomy & Medical Terminology	Career Readiness Education	This course is designed to familiarize the student with the language of medicine, through the study of prefixes, suffixes, root words, abbreviation, and pronunciation of words. The curriculum also includes an overview of anatomy and physiology in order to increase the understanding of medical vocabulary. Students will examine the organization of the integumentary, musculoskeletal, hematic, lymphatic and immune, and cardiovascular systems in the human body. They will become familiar with the medical terms that relate to the respiratory, digestive, nervous, endocrine, reproductive, and excretory systems. Students will also examine terms related to the sensory organs, with a concentration on the organs for hearing, sight, and smell. This course will prepare students to better understand spoken and written interactions in all medical environments.

Course Name ⬇	Subject	Course Description
SCI403 Summit Physics	Science	This course provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. The course gives students a solid basis to move on to more advanced courses later in their academic careers. The program consists of online instruction, laboratories, and related assessments, plus an associated problem-solving book.
SCI404 Summit Honors Physics	Science	This advanced course surveys all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. Additional honors assignments include debates, research papers, and extended laboratories. The course gives a solid basis for moving on to more advanced college physics courses. The program consists of online instruction, and related assessments, plus an associated problem-solving book.
SCI406 Physics CR	Science	This course is also offered as a materials free version (Digital).This course provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. The course gives students a solid basis to move on to more advanced courses later in their academic careers. The program consists of online instruction, virtual laboratories, and related assessments, plus an associated problem-solving book.
SCI500E6 AP® Biology	Science	This course guides students to a deeper understanding of biological concepts, including the diversity and unity of life, energy and the processes of life, homeostasis, and genetics. Students learn about regulation, communication, and signaling in living organisms, as well as interactions of biological systems. Students carry out a number of learning activities, including readings, interactive exercises, extension activities, hands-on laboratory experiments, and practice assessments. These activities are designed to help students gain an understanding of the science process and critical-thinking skills necessary to answer questions on the AP Biology Exam. The content aligns to the sequence of topics recommended by the College Board.

Course Name	Subject	Course Description
SCI510 AP® Chemistry	Science	Students solve chemical problems by using mathematical formulation principles and chemical calculations in addition to laboratory experiments. They build on their general understanding of chemical principles and engage in a more in-depth study of the nature and reactivity of matter. Students focus on the structure of atoms, molecules, and ions, and then go on to analyze the relationship between molecular structure and chemical and physical properties. To investigate this relationship, students examine the molecular composition of common substances and learn to transform them through chemical reactions with increasingly predictable outcomes.
SCI530E5 AP® Environmental Science	Science	The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science.
TCH025 Touch System Data Entry	Career Readiness Education	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!
TCH027 Green Design and Technology	Career Readiness Education	This course examines the impact of human activities on sustainability while exploring the basic principles and technologies that support sustainable design. Students learn about the potential for emerging energy technologies such as water, wind, and solar power. They find out how today's businesses are adapting to the increased demand for sustainable products and services. In this course, students develop a comprehensive understanding of this fast-growing field.

Course Name ⬇	Subject	Course Description
TCH028 Digital Arts I	Career Readiness Education	In this exploratory course, students learn the elements and principles of design as well as foundational concepts of visual communication. While surveying a variety of media and art, students use image editing, animation, and digital drawing to put into practice the art principles they've learned. They explore career opportunities in the design, production, display, and presentation of digital artwork. They respond to the artwork of others and learn how to combine artistic elements to create finished pieces that effectively communicate their ideas.
TCH028E2-PBL Digital Arts 1	Career Readiness Education	This course is a Project Based Learning course (PBL). In this exploratory course, students learn the elements and principles of design, as well as foundational concepts of visual communication. While surveying a variety of media and art, students use image editing, animation, and digital drawing to put into practice the art principles they've learned. They learn how to combine artistic elements to create finished pieces that effectively communicate their ideas.
TCH029 Digital Arts II	Career Readiness Education	Students build on the skills and concepts they learned in Digital Arts I as they develop their vocabulary of digital design elements. By the end of the course, they will have created a collection of digital art projects for their digital design portfolio.
TCH029E2-PBL Digital Arts 2	Career Readiness Education	This course is a Project Based Learning course (PBL). Students build on the skills and concepts they learned in Digital Arts I as they develop their vocabulary of digital design elements. By the end of the course, they will have created a collection of digital art projects for their digital design portfolio.
TCH031E2 Digital Photography 1	Career Readiness Education	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.

Course Name ↓≡	Subject	Course Description
TCH032E2 Digital Photography 2	Career Readiness Education	Building on the prior prerequisite course, 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 you photos to life. Using this knowledge, build a portfolio of your work to pursue a career in this field!
TCH033 Digital Photography 3	Career Readiness Education	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.
TCH035E2-PBL Image Design and Editing	Career Readiness Education	This course is a Project Based Learning course (PBL). This introductory design course is for students who want to create compelling, professional-looking graphic designs and photos. Students learn the basics of composition, color, and layout through the use of hands-on projects that allow them to use their creativity while developing important foundational skills. They use software to create a graphic design portfolio with a wide variety of projects involving the mastery of technical topics, such as working with layers and masks, adding special effects, and effectively using typefaces to create visual impact. The projects help students develop the skills they need to create and edit images of their own.
TCH035 Image Design and Editing	Career Readiness Education	This introductory design course is for students who want to create compelling, professional-looking graphic designs and photos. Students learn the basics of composition, color, and layout through the use of hands-on projects that allow them to use their creativity while developing important foundational skills. They use GIMP software to create a graphic design portfolio with a wide variety of projects involving the mastery of technical topics, such as working with layers and masks, adding special effects, and effectively using typefaces to create visual impact. The projects help students develop the skills they need to create and edit images of their own.

Course Name ⬇	Subject	Course Description
TCH040 Web Design	Career Readiness Education	This one-semester course introduces students to the mechanics and elements of web design and HTML, and the concepts of planning and organizing websites. Students engage in a variety of project-based assessments to evaluate their understanding and progress. After completing the course, students are able to understand the planning and organization of a website, the elements of design and HTML. Students also learn how to use a WYSIWIG editor and other online tools to create a website.
TCH047E2-PBL Web Design 1	Career Readiness Education	The TCH047-PBL Web Design course is a project-based course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi page websites. Students will learn the foundations of user interface design, rapid prototyping and user testing, and will work together to create professional, mobile responsive websites, as well as foundational cybersecurity topics including digital citizenship and cyber hygiene, software security, networking fundamentals, and basic system administration.
TCH047 Web Design 1	Career Readiness Education	TCH047 Web Design is a CodeHS course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi page websites. Students will learn the foundations of user interface design, rapid prototyping and user testing, and will work together to create professional, mobile responsive websites. Each unit of the course is broken down into lessons. Lessons consist of video tutorials, short quizzes, example web pages to explore, and web design exercises in which students develop and publish their own web sites. Each lesson includes at least one formative short multiple choice quiz. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit.

| Course Name ⬇	Subject	Course Description
TCH055E2-PBL Web Communications	Career Readiness Education	This semester-long course for high school freshmen is an exploratory course in web communications. It explores and delves into applications encompassing: digital citizenship, information literacy, creative credit and copyright, online and in-person collaboration, designing and developing accessible websites as an avenue to personal creativity, and understanding structural aspects of computing (e.g., hardware, servers, devices, file organization). The course is taught utilizing a project-based learning (PBL) approach. Each unit of the course is broken down into lessons. Lessons consist of video tutorials, short quizzes, example web pages to explore, and web design exercises in which students develop and publish their own web sites. Each lesson includes at least one formative short multiple choice quiz. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit.
TCH070 Game Design for Chromebooks 1	Career Readiness Education	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!
TCH071 Foundations of Game Design 1	Career Readiness Education	With this course, students will learn about different video game software and hardware, various gaming platforms, the technical skills necessary to design games, troubleshooting and Internet safety techniques, and the history of gaming. Students will even have the opportunity to create their own plan for a 2D video game! With the knowledge and skills students will gain in this course, they can take their hobby and turn it into a potential career.

Course Name ⬇	Subject	Course Description
TCH072 Foundations of Game Design 2	Career Readiness Education	We live in a technologically advanced world. And a huge part of that world is based in virtual reality and video games. Do you enjoy playing video games? Have you ever thought about designing your own video game? By signing up for Game Design II, you will have the opportunity to explore all things related to video game design. This course will give you the skills to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. This course allows you to analyze player goals, player actions, rewards, and challenges, among many other game play components. Utilize twenty-first century skills involving creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design II, you are putting yourself at the forefront of a future in technology!
TCH073E2-PBL Video Game Design 1	Career Readiness Education	The CodeHS video game design curriculum teaches the foundations of creating video games in JavaScript. The course utilizes a project-based learning approach. The content is fully web-based, with students writing and running code in the browser. Lessons consist of video tutorials, short quizzes, example programs to explore, and written programming exercises, adding up to over 100 hours of hands-on programming practice in total. Students write and run JavaScript programs in the browser using the CodeHS editor.
TCH076E2 3D Modeling 1	Career Readiness Education	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!
TCH077 3D Modeling 2	Career Readiness Education	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!

| Course Name ⬇	Subject	Course Description
TCH083 Animation 1	Career Readiness Education	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! It's time to start animating like the pros! In this hands-on course, you'll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away.
TCH100A Foundations of Computer Science	Career Readiness Education	The CodeHS Foundations of Computer Science course fully aligns with the CSTA 3A standards and teaches basic programming and computer science foundations, with an emphasis on helping students develop logical thinking and problem-solving skills. This course is designed to cover the first semester of the full-year course. Once students complete this course, they will have learned the basics of programming in JavaScript, and they will be ready to take the second-semester version of the course. The course utilizes a blended classroom approach. The content is fully web-based, with students writing and running code in the browser. Teachers utilize tools and resources provided by CodeHS to leverage time in the classroom and give focused 1-on-1 attention to students. Each unit of the course is broken down into lessons. Lessons consist of video tutorials, short quizzes, example programs to explore, and written programming exercises, adding up to over 50 hours of hands-on programming practice in total. Each unit ends with a comprehensive unit test that assesses students' mastery of the material from that unit as well as challenge problems where students can display their understanding of the material.

Course Name ⬇	Subject	Course Description
TCH100E2-PBL Computer Science I	Career Readiness Education	TCH100-PBL Computer Science I is a CodeHS course that teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the CodeHS Computer Science I course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript. The course is designed using a project-based learning (PBL) approach. Each unit of the course is broken down into lessons. Lessons consist of video tutorials, short quizzes, example web pages to explore, and web design exercises in which students develop and publish their own web sites. Each lesson includes at least one formative short multiple choice quiz. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit.
TCH100 Foundations of Computer Science	Career Readiness Education	TCH100 Foundations of Computer Science is a CodeHS course fully aligned to the CSTA 3A standards. This course covers concepts in the CSTA framework including Algorithms & Programming, Data & Analysis, and Networks & the Internet.
TCH100 Software Apps PowerPoint with Exam Prep	Career Readiness Education	TCH100 Software Apps: PowerPoint with Exam Prep is MSi curriculum that prepares students for the Microsoft Office Specialist Exam. This course introduces users to PowerPoint 2019 and covers: managing presentations, slides, text, shapes, and images, tables, charts, and SmartArt, 3D models and media, and transitions and animations. Students will learn basic terminology, modify slide masters and layouts, add/remove properties, set up slide shows and print options, use zoom techniques, add headers and footers, apply formatting and styles, insert hyperlinks and sections, resize and crop images, create shapes, insert audio/video clips, and set transition/animation effects and motion paths.
TCH105 Computer Literacy	Career Readiness Education	In this introductory course, students become familiar with the basic principles of a personal computer, including the internal hardware, operating system, and software applications. Students gain practice in using key applications such as word processing, spreadsheet, and presentation software, as well as understand social and ethical issues around the Internet, information, and security.

Course Name ⬇	Subject	Course Description
TCH105E2-PBL Computer Literacy	Career Readiness Education , Additional Electives	In this introductory course, students become familiar with the basic principles of a personal computer, including the internal hardware, operating system, and software applications. Students gain practice in using key applications such as word processing, spreadsheet, and presentation software, as well as understand social and ethical issues around the Internet, information, and security.
TCH110 Computer Science: JavaScript I	Career Readiness Education	TCH110 Computer Science: JavaScript I is a CodeHS course that covers the first semester of the Introduction to Computer Science in Javascript course series. In this course, students are introduced to the foundations of computer science and the basics of programming with the JavaScript language. After completing this course, students develop the skills needed to take the second-semester course in this series. Students learn material equivalent to a semester college introductory course in computer science and can program in JavaScript upon completing both course A and course B in this series.
TCH110 Software Apps Word with Exam Prep	Career Readiness Education	TCH110 Software Apps: Word with Exam Prep is MSi curriculum that prepares students for the Microsoft Office Specialist Exam. This course teaches learners how to use the Word Application Interface and familiarize themselves with Word options. It covers topics such as navigating and customizing the ribbon, editing documents, formatting text, managing comments, and tracking changes to create professional documents.
TCH112 Microsoft Word Fundamentals	Career Readiness Education	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.

Course Name ⇩	Subject	Course Description
TCH113 Computer Science II	Career Readiness Education	The CodeHS Computer Science II course is designed to foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. This course extends on concepts learned in Computer Science I by deepening student understanding of system and network protocols, and exposing students to the Java programming language.
TCH114E3-PBL Microsoft Office 1	Career Readiness Education , Additional Electives	This course is a Project Based Learning course (PBL). This course is for students who wish to learn core skills in Microsoft Word and PowerPoint. Students work through real-world, hands-on projects to hone skills in formatting text, page layout, images, charts, and a vast variety of commonly used word processing and presentation tools. This course prepares students for the Microsoft Word 2019 Associate and Microsoft PowerPoint 2019 Associate certifications.
TCH115E2-PBL Microsoft Office 2	Career Readiness Education , Additional Electives	This course is a Project Based Learning course (PBL). This course is for students who wish to learn core skills in Microsoft Excel, and Access. Students work through hands-on projects to hone skills in data entry and management, formula creation, email management and a vast variety of commonly used email, spreadsheet, and database tools. This course prepares students for the Microsoft Excel 2019 Associate certification.
TCH122 Microsoft Excel Fundamentals	Career Readiness Education	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.

Course Name ⬇	Subject	Course Description
TCH125 Digital Literacy IC3 Computing Fundamentals	Career Readiness Education	TCH125 Digital Literacy IC3 Computing Fundamentals is MSi curriculum that prepares learners for the IC3-GS5 Computing Fundamentals Certification Program. The course covers computer hardware, software, operating systems, peripherals, mobile devices, troubleshooting, computer networking, and the Internet. It includes quizzes, projects, and assessments to measure learners' understanding and progress. The curriculum is aimed at helping learners understand the fundamentals of computing to support the digital economy.
TCH126 Digital Literacy IC3 Living Online	Career Readiness Education	TCH126 Digital Literacy IC3 Living Online is MSi curriculum that prepares students for the IC3-Living Online Certification Program. This course introduces students to the concepts of electronic communication via email software and how to create Calendars and Events and Appointments. Students will learn how to manage personal data and personally identifiable information, maintain digital privacy and security, recognize ethical behavior, assess the validity of online information, explain features of secure passwords, and identify mental and physical health risks associated with online technology.
TCH127 Digital Literacy IC3 Key Applications	Career Readiness Education	TCH127 Digital Literacy IC3 Key Applications is MSi curriculum that prepares students for the IC3-GS5 Key Applications Certification program and is dedicated to ensuring learners of all ages can understand the Key Application software. This course covers essential skills in word processing, presentation, spreadsheet, and database applications as well as refresher concepts in tablets and apps, Web apps versus local apps, and file management. Throughout the course, students will be facilitated through knowledge checks, interactive quizzes, and projects to solidify their understanding of the course content. Upon completion of the course, students will be better equipped to meet the demands of the IC3-GS5 Key Applications Certification program domain objectives.
TCH127 Digital Literacy IC3 Key Applications	Career Readiness Education	TCH127 Digital Literacy IC3 Key Applications is MSi curriculum that prepares students for the IC3-GS5 Key Applications Certification program and is dedicated to ensuring learners of all ages can understand the Key Application software. This course covers essential skills in word processing, presentation, spreadsheet, and database applications as well as refresher concepts in tablets and apps, Web apps versus local apps, and file management. Throughout the course, students will be facilitated through knowledge checks, interactive quizzes, and projects to solidify their understanding of the course content. Upon completion of the course, students will be better equipped to meet the demands of the IC3-GS5 Key Applications Certification program domain objectives.

Course Name ↓≡	Subject	Course Description
TCH132 Microsoft PPT Fundamentals	Career Readiness Education	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.
TCH142 Microsoft Access Fundamentals	Career Readiness Education	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.
TCH160 Introduction to Robotics 1	Career Readiness Education	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.
TCH162 Introduction to Robotics 2	Career Readiness Education	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!
TCH170 Game Design for Chromebooks 2	Career Readiness Education	In this course, students will build on their 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!

Course Name ⬇	Subject	Course Description
TCH210 Software Apps Word Expert with Exam Prep	Career Readiness Education	TCH210 Software Apps: Word Expert with Exam Prep is MSi curriculum that prepares students for the Microsoft Office Specialist Exam. This course focuses on helping students become Word experts by introducing them to advanced elements of Word 2019 documents. They will learn to modify templates, compare and combine documents, link to external content, enable and configure macros, customize the Quick Access Toolbar, create and manage styles, and more. Additionally, students will explore Word's advanced Building Block tools, forms and controls, macros, mail merges, and other features. By the end of the course, students should be able to manage and use Word's more advanced features confidently.
TCH220E2-PBL Computer Science Principles	Career Readiness Education	TCH220-PBL Computer Science Principles is a CodeHS course that introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. The course utilizes a project-based learning approach.

With a unique focus on creative problem solving and real-world applications, the CodeHS Computer Science Principles course gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field. |
| TCH220 Software Apps Excel with Exam Prep | Career Readiness Education | TCH220 Software Apps: Excel with Exam Prep is MSi curriculum that prepares students for the Microsoft Office Specialist Exam. This course introduces students to the Excel application interface and covers topics related to managing worksheets and workbooks, data cells and ranges, tables and table data, formulas and functions, and charts. Students will learn how to import external data, create, and edit named ranges, apply number formats, create charts, and format text using functions. They will also learn to add and modify chart elements and apply chart styles. Upon completion of this course, students will be able to navigate the Excel application interface, create formulas, manipulate data, and create charts. |
| TCH240E2 Virtual Reality | Career Readiness Education | TCH240 Virtual Reality is a Code HS course that teaches students the basics of building virtual reality worlds using HTML and the A-Frame JavaScript Library. Through this course, students will build their own virtual reality worlds that are compatible with VR devices, including smartphone VR headsets.

Every lesson is made up of short video tutorials, example programs, quizzes, programming exercises, challenge problems, and unit tests. |

| Course Name ⇊	Subject	Course Description
TCH300 Advanced Cybersecurity	Career Readiness Education	TCH300A Advanced Cybersecurity is a CodeHS course that covers the first-semester content of a capstone course on cybersecurity. Students will learn advanced topics in the field of cybersecurity, including advanced cryptography, and networking.
TCH310 Digital Media Photoshop with Exam Prep	Career Readiness Education	TCH310 Digital Media: Photoshop with Exam Prep is MSi curriculum that prepares students for the Adobe Certified Professional Exam. The course covers the fundamentals of working in the design industry. It will familiarize students with the key terminology related to digital images, introduce them to the purpose, audience, and needs of preparing images, and teach them basic design principles and best practices. The course will also cover project setup and interface, document organization, creating and modifying visual elements, and publishing digital media. Students will be exposed to using layers, modifiable visibility, and nonprinting design tools; importing assets; managing colors, swatches, gradients, brushes, symbols, styles, and patterns, understanding destructive and nondestructive editing; and preparing images for export
TCH310E2 Mobile Apps	Career Readiness Education	TCH310 Mobile App is a CodeHS course that teaches students to create mobile apps using React Native, a popular platform-agnostic framework developed by Facebook and used by successful tech companies including Airbnb, Facebook, Instagram, Tesla, and more. Students will design and build applications to run smartphones and will use the latest tools and technologies available for mobile app development. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit. Included in each lesson is a formative short multiple choice quiz.
TCH320 Digital Media InDesign with Exam Prep	Career Readiness Education	TCH320 Digital Media: InDesign with Exam Prep is MSi curriculum that prepares students for the Adobe Certified Professional Exam. This course introduces Adobe InDesign software, which can be used in the design industry. It covers topics such as identifying and communicating design plans, understanding copyright and intellectual property licensing laws, and demonstrating knowledge of design principles. The course also covers project setup, interface navigation, and asset management. Additionally, students will learn how to create and modify visual elements, using tools such as core features and effects, and how to create dynamic content and media. Lastly, the course will cover how to prepare and export documents to the Web, print, and other digital devices.

Course Name ⬇	Subject	Course Description
TCH321 Software Apps Excel Expert with Exam Prep	Career Readiness Education	TCH321 Software Apps: Excel Expert with Exam Prep is MSi curriculum that prepares students for the Microsoft Office Specialist Exam. This course is designed to help students gain an in-depth understanding of workbooks, data manipulation, logical operations, functions, PivotTables, and PivotCharts. Students will learn how to copy macros between workbooks, enable macros in a workbook, protect worksheets and cell ranges, configure formula calculation options, use the Fill feature, create custom number formats, manage comments, use language-specific features, manage data validation tools, remove duplicate values, create, and modify charts, use lookup references, and consolidate data. At the end of the course, students will be able to create and modify Pivot Tables, understand slicer features, and create and manipulate Pivot Charts.
TCH323E2 Introduction to Java Programming	Career Readiness Education	TCH323 Introduction to Java 1 is a CodeHS course that teaches students the basics of object-oriented programming with a focus on problem solving and algorithm development. Students learn basic Java, methods, data structures, classes, and object-oriented programming in this course. It is the first course in a two course sequence and should be completed before TCH324 Introduction to Java 2.

Lessons consist of video tutorials, short quizzes, example programs to explore, and written programming exercises, adding up to over 100 hours of hands-on programming practice in total. Several units have free response questions that have students consider the applications of programming and incorporate examples from their own lives.

At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the Java concepts covered in the unit. Included in each lesson is a formative short multiple choice quiz. |
| TCH330 Digital Media Illustrator with Exam Prep | Career Readiness Education | TCH330 Digital Media: Illustrator with Exam Prep is MSi curriculum that prepares students for the Adobe Certified Professional Exam. This course gives students comprehensive training in the fundamentals of design. Topics covered include identifying the purpose, audience, and audience needs for preparing images, communicating with colleagues and clients about design plans, understanding copyright and licensing, using design principles and best practices, setting up projects and utilizing the interface, managing colors, swatches, and gradients, organizing design elements, creating and manipulating visual elements, and preparing images for export to Web, print, and video. |

| Course Name ⬇	Subject	Course Description
TCH342DE3 Python Programming	Career Readiness Education	The CodeHS Computer Science II course is designed to foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. This course extends on concepts learned in Computer Science I by deepening student understanding of system and network protocols, and exposing students to the Java programming language.
TCH370 Web Development	Career Readiness Education	The Web Development Capstone Course is intended to teach students the fundamentals of web development in a project-based learning environment. Students will be taught the basic elements of web development, such as web hosting, file organization, and incorporating Javascript into HTML files. Over the course of the school year, students will collaboratively and independently design, develop and implement functional and responsive webpages using these foundational skills.
TCH380D Computer Fundamentals	Career Readiness Education	This course addresses basic IT literacy and ensures students understand the different terminology and key concepts used in the IT industry. It also serves as an entry point for students who are new to computers. Topics covered include operating systems, hardware basics, troubleshooting, software installation, security, networking, and databases. This course prepares students for the CompTIA IT Fundamentals+ Certification (FC0-U61) exam.
TCH381D-PBL Essentials of Cloud Computing	Career Readiness Education	This course is a Project-Based Learning course (PBL) and is designed to explore cloud technology. Students will be introduced to basic cloud concepts, examine factors impacting business decisions, and address issues to reduce security risks. In addition, students will explore Amazon Web Services (AWS). Students will complete projects to develop a deeper understanding of concepts. This course will help prepare students for two certification tests: CompTIA Cloud Essentials+ and AWS Certified Cloud Practitioner.

Course Name ↓≡	Subject	Course Description
TCH400 Digital Media Dreamweaver with Exam Prep	Career Readiness Education	TCH400 Digital Media: Dreamweaver with Exam Prep is MSi curriculum that helps students prepare for the ACA certification exam. In this course, students will gain a foundational understanding of preparing a website and navigating, organizing, and customizing the workspace to best aid colleagues and clients throughout a project. Through reading online text and transcripts, virtual activities, and participating in threaded discussions with teachers and fellow classmates, students will develop and elevate their technology skills and demonstrate proficiency required in today's business world.
TCH410D Game Design in Unity 1	Career Readiness Education	In this semester-long course, students will learn the fundamentals of designing a game using the most widely accessed and preferred editing engine in the world. Students will explore the game development industry and get started with the Unity game engine, learning about its interface and key features. By the end of this course, students will be comfortable working with Unity and be prepared to take the second course in the series. This course requires the following household materials: • Computer with access to the Internet
TCH410 Digital Media Adobe XD	Career Readiness Education	TCH410 Digital Media: Premiere Pro with Exam Prep is MSi curriculum that prepares students for the Adobe Certified Professional Exam. This course introduces students to Premiere Pro video editing software, helping them learn how to create projects and sequences, edit video and audio clips, add text, shapes, transitions, and effects, and use the Export feature. It covers topics such as identifying project requirements, the Premiere Pro interface, shooting, importing, and editing a sequence, titles, shapes, transitions, and export formats.
TCH410 Digital Media Premiere Pro with Exam Prep	Career Readiness Education	TCH410 Digital Media: Premiere Pro with Exam Prep is MSi curriculum that prepares students for the Adobe Certified Professional Exam. This course introduces students to Premiere Pro video editing software, helping them learn how to create projects and sequences, edit video and audio clips, add text, shapes, transitions, and effects, and use the Export feature. It covers topics such as identifying project requirements, the Premiere Pro interface, shooting, importing, and editing a sequence, titles, shapes, transitions, and export formats.

Course Name ⬇	Subject	Course Description
TCH411D Game Design in Unity 2	Career Readiness Education	TCH411D Game Design in Unity 2 is a CodeHS course that is the second course in a two-course series. In this semester-long course, students will learn how to create and implement visual and sound effects in their game using industry-standard tools. Students will also gain hands-on experience in designing and prototyping their game and creating custom components and mechanics to bring their vision to life. By completing this series, students will understand the design planning process, be knowledgeable of industry-related careers, and be able to navigate the Unity environment in order to create 3-D games.
TCH420 Digital Media After Effects with Exam Prep	Career Readiness Education	TCH420 Digital Media: After Effects with Exam Prep is MSi curriculum that prepares students for the Adobe Certified Professional Exam. This course covers critical concepts related to working with colleagues and clients, legal and technical considerations for using multimedia content, key terminology, and tools related to digital audio and video, motion graphics, video effects, design principles and tools, interface setup, and application settings, efficiency and effective workflow, and key tools and functionality of the application for creating and modifying visual elements, manipulating digital audio and video, and publishing digital media.
TCH421E3 Adobe® Illustrator with Exam Prep	Career Readiness Education	This course offers students comprehensive coverage in all areas of Adobe® Illustrator and prepares students for the Adobe® Certified Professional Graphic Design & Illustration using Adobe Illustrator certification. Beginning with fundamental concepts and progressing to in-depth exploration of the software's full set of features, the step-by-step lessons provide a guided tour of all the program's features. Topics covered include creating text and gradients, drawing and composing an illustration, transforming and distorting objects, working with layers, working with patterns and brushes, creating 3D objects, and preparing a document for print.
TCH430 Digital Media Animate with Exam Prep	Career Readiness Education	TCH430 Digital Media: Animate with Exam Prep is MSi curriculum that prepares students for the Adobe Certified Professional Exam. This course focuses on the basics of working in the animation industry, such as identifying the purpose, audience, and audience needs for preparing content, communicating design plans, understanding copyright and permissions, key animation, and interactive media terminology. Students will learn how to use core tools and features to create and modify vector elements, manage layers, apply basic auto-correction methods, manipulate digital graphics and media, apply effects, manage audio and video, and export assets for various platforms.

Course Name ⬇	Subject	Course Description
TCH431E3 Adobe® InDesign with Exam Prep	Career Readiness Education	Graphic design professionals and design students alike have embraced Adobe® InDesign as the industry standard for page layout software, and this course provides a solid foundation for those looking to learn this program. This course covers all the fundamental concepts, starting with the workspace and proceeding logically and intuitively to more advanced topics in graphic design. Topics covered include, working with text, setting up a document, working with frames, working with color, working with placed images, creating graphics, effects, working with tabs and tables, creating books, and preparing documents for print. This course prepares students for the Adobe Certified Professional in Print & Digital Media Publication using Adobe InDesign certification.
TCH441E3 Adobe® Photoshop with Exam Prep	Career Readiness Education	Adobe® Photoshop has long provided cutting edge technology for sophisticated digital editing, and this course provides a solid foundation for those looking to learn this industry-standard program. This course prepares students for the Adobe® Certified Professional in Visual Design Using Adobe® Photoshop certification. Real-world, practical examples and step-by-step instruction throughout offer well-rounded, comprehensive coverage of both artistic and technical features. Topics covered include, working with layers, making selections, incorporating color, using type, using tools, special effects and filters, and transformation.
TCH450 Introduction to JavaScript	Career Readiness Education	This course is designed as an introduction to software development using JavaScript. In this course, students will learn the fundamentals of three languages used to create web applications: JavaScript, HTML, and CSS. In addition, students will understand foundational computer science topics including types, operations, objects, methods, conditionals, and loops which provide a construct to understand software development and programming. Through interactive coding examples and activities, students will practice the coding concepts explored in the course and build multiple projects using Codio, a browser-based online coding platform.
TCH500 AP® Computer Science: Cybersecurity	Career Readiness Education	TCH500 AP Computer Science: Cybersecurity is a CodeHS course that covers the first-semester content of the AP CSP Cyber course. In this course, students are introduced to the foundational concepts of computer science using JavaScript, while exploring AP CSP requirements with an emphasis on Cybersecurity applications.

| Course Name ↓≡	Subject	Course Description
TCH500E2 AP® Computer Science Principles	Career Readiness Education	TCH500 AP Computer Science Principles is a CodeHS course that introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field. Each unit of the course is broken down into lessons. Lessons consist of video tutorials, short quizzes, example programs to explore, written programming exercises, free response exercises, collaborative creation projects, and research projects. College Board has launched the AP Classroom, a new resource for teachers with summative and formative assessments. At the end of each unit, we recommend that teachers give students the corresponding Personal Progress Check to understand student strengths and weaknesses.

Course Name ⬇	Subject	Course Description
TCH510E2 AP® Computer Science A	Career Readiness Education	TCH510 AP Computer Science is a CodeHS course that introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

The CodeHS AP Computer Science A course is a year-long course designed to help students master the basics of Java and equip them to successfully pass the College Board AP Computer Science A Exam at the end of the school year.

Lessons consist of video tutorials, short quizzes, example programs to explore, and written programming exercises, adding up to over 100 hours of hands-on programming practice in total. Several units have free response questions that have students consider the applications of programming and incorporate examples from their own lives.

College Board has launched the AP Classroom, a new resource for teachers with summative and formative assessments. At the end of each unit, we recommend that teachers give students the corresponding Personal Progress Check to understand student strengths and weaknesses. |

| Course Name ⇊	Subject	Course Description
TCH520 Data Structures in C++ 1	Career Readiness Education	TCH520 Data Structures in C++ 1 focuses on different ways to store data, beyond traditional variables and lists. In this course, students will learn about advanced data structures, such as queues, while applying them in larger, real-world assignments and projects. The Data Structures in C++ 1 course is designed for students that have previously completed a full year computer science course, such as AP CSA. While C++ is used as the language for the course, the focus of the course is on understanding and applying advanced data structures. Prior C++ knowledge is not a prerequisite, however students should have a working knowledge of basic computer science concepts such as variables, control structures, and functions/methods in at least one programming language. The course utilizes a blended classroom approach. The content is fully web-based, with students writing and running code in the browser. Teachers utilize tools and resources provided by CodeHS to leverage time in the classroom and give focused 1-on-1 attention to students. Each unit of the course is broken down into lessons. Lessons consist of tutorials, short quizzes, example programs to explore, and written programming exercises, adding up to over 100 hours of hands-on programming practice and projects in total. Each unit ends with a comprehensive unit test that assesses a student's mastery of the material from that unit. Students write and run C++ programs in the browser using the CodeHS editor.
TCH521 Data Structures in C++ 2	Career Readiness Education	TCH521 Data Structures in C++ 2 focuses on different ways to store data, beyond traditional variables and lists. In this course, students will learn about advanced data structures such as maps, sets, etc. while applying them in larger, real-world assignments and projects. The Data Structures in C++ 2 course is designed for students that have previously completed Data Structures in C++ 1. The course utilizes a blended classroom approach. The content is fully web-based, with students writing and running code in the browser. Teachers utilize tools and resources provided by CodeHS to leverage time in the classroom and give focused 1-on-1 attention to students. Each unit of the course is broken down into lessons. Lessons consist of tutorials, short quizzes, example programs to explore, and written programming exercises, adding up to over 100 hours of hands-on programming practice and projects in total. Each unit ends with a comprehensive unit test that assesses a student's mastery of the material from that unit. Students write and run C++ programs in the browser using the CodeHS editor.

| Course Name ⬇	Subject	Course Description
TCH541E4 Network+ Guide to Networks 1	Career Readiness Education	This is the first semester of a two-semester course. The course gives students the technical skills and industry know-how to begin an exciting career installing, configuring, and troubleshooting computer networks. The course helps prepare students for success on CompTIA's Network+ N10-008 certification exam with fully mapped coverage of all objectives, including protocols, topologies, hardware, network design, and troubleshooting.
TCH542E4 Network+ Guide to Networks 2	Career Readiness Education	This is the second semester of a two-semester course. The course continues to give students the technical skills and industry know-how to begin an exciting career installing, configuring, and troubleshooting computer networks. The course helps prepare students for success on CompTIA's Network+ N10-008 certification exam with fully mapped coverage of all objectives, including protocols, topologies, hardware, network design, and troubleshooting.
TCH551E3 Security+ with Exam Prep 1	Career Readiness Education	This is the first semester of a two semester course. The course provides a complete, practical, up-to-date introduction to network and computer security. The course maps to the new CompTIA Security+ SY0-401 Certification Exam, providing thorough coverage of all domain objectives to help students prepare for professional certification and career success. The course covers the essentials of network security, including compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; and cryptography.
TCH552E3 Security+ with Exam Prep 2	Career Readiness Education	This is the second semester of a two semester course. The course continues to provide a complete, practical, up-to-date introduction to network and computer security. The course maps to the new CompTIA Security+ SY0-401 Certification Exam, providing thorough coverage of all domain objectives to help students prepare for professional certification and career success. The course covers the essentials of network security, including compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; and cryptography.

Course Name ↓≡	Subject	Course Description
TCH553E2 Cybersecurity	Career Readiness Education	TCH553 Cybersecurity is a CodeHS course that teaches students foundational cybersecurity topics including digital citizenship and cyber hygiene, the basics of cryptography, software security, networking fundamentals, and basic system administration. Students will complete projects at the end of each module, and a culminating course project completing a simulated hack walkthrough. Students will learn basic SQL, and will utilize basic HTML and JavaScript within specific contexts and will be provided supports within those contexts. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit. Included in each lesson is a formative short multiple choice quiz.
TCH561E3 A+ Computer Management with Exam Prep 1	Career Readiness Education	This is the first semester of a two semester course. The course provides a comprehensive introduction to managing and maintaining computer hardware and software. The course closely integrates the CompTIA A+ Exam objectives to prepare students for the 220-1101 and 220-1102 certification exams. The course includes the latest trends in hardware, security, virtualization, coverage of cloud computing, Linux and Mac OS, and increased emphasis on mobile devices.
TCH562E3 A+ Computer Management with Exam Prep 2	Career Readiness Education	This is the second semester of a two semester course. This course continues to provide a comprehensive introduction to managing and maintaining computer hardware and software. The course closely integrates the CompTIA A+ Exam objectives to prepare students for the 220-1101 and 220-1102 certification exams. The course includes the latest trends in hardware, security, virtualization, coverage of cloud computing, Linux and Mac OS, and increased emphasis on mobile devices.

Course Name ⬇	Subject	Course Description
WLG100E2 Spanish I	World Languages	Students in Spanish I focus on the four key areas of world language study: listening, speaking, reading, and writing. Spanish I represents an ideal blend of language-learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices that reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; become familiar with common vocabulary terms and phrases; comprehend a wide range of grammar patterns; participate in simple conversations and respond appropriately to basic conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; and take frequent assessments during which their language progression can be monitored. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). Students explore greetings; school; the alphabet; adjectives; colors; countries; numbers; telling time; *-ir, -er*, and *-ar* verbs; days, months, and seasons; hobbies and pastimes, food, family, places, animals, shopping and weather.
WLG106 Spanish I CR	World Languages	This course is also offered as a materials free version (Digital).Spanish I Credit Recovery course is a flexible online course designed for students who need to retake Spanish I, improve their skills, or earn the credits necessary to graduate on time. The course focuses on three key areas of foreign language study: listening, reading, and writing. Students learn vocabulary and grammar pertaining to a level I Spanish course. They acquire the concepts through reading and listening comprehension activities, association activities, and writing practice. Vocabulary and grammar are introduced in context and are practiced through a variety of interactive activities and exercises. Upon completion of the course, students will be able to use Spanish vocabulary and grammatical structures to talk about themselves and familiar topics.

Course Name ⇟	Subject	Course Description
WLG130D1 Latin I	World Languages	Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques and the approach to teach grammar, syntax, and vocabulary, provide students with a strong foundation for learning Latin. Each unit consists of a new vocabulary theme and grammar concept, reading-comprehension activities, writing activities, multimedia culture, history, and mythology, and practice activities which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. Students will learn ancient, high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments from which their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (American Council on the Teaching of Foreign Languages).
WLG150 Sign Language	World Languages	Did you know that American Sign Language (ASL) is the third most commonly used language in North America? American Sign Language: Introduction will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture – social beliefs, traditions, history, values and communities influenced by deafness.

American Sign Language 1b: Learn to Sign will introduce you to more of this language and its grammatical structures. You will expand your vocabulary by exploring interesting topics like Deaf education and Deaf arts and culture. |

Course Name ⬇	Subject	Course Description
WLG200E2 Spanish II	World Languages	Students continue their study of Spanish by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully but also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand intermediate vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices and perspectives of various Spanish-speaking countries, and take assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). In semester A, students explore professions, clothing, the home, the body, reflexive verbs, cognates, numbers, vacations, and the telephone. In semester B, students explore directions, transportation, medical words, outdoor sports, travel, and computer words.

Course Name ⬇	Subject	Course Description
WLG230E1 Latin II	World Languages	Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques and the approach to teaching grammar, syntax, and vocabulary provide students with a strong foundation for learning Latin. Each unit consists of a new vocabulary theme and grammar concept, reading-comprehension activities, writing activities, multimedia culture, history, and mythology, along with practice activities which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. Students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments from which their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).
WLG250 Sign Language 2	World Languages	American Sign Language 2 goes beyond introductory ASL signs. This course helps students form structured sentences and explores how expressions can enhance signs to have meaningful conversations. Students will learn to communicate in everyday situations while learning vocabulary for descriptions, directions, shopping, and dealing with emergency situations. Furthermore, the course will teach students about the Deaf Community, culture, and language. Students will learn about sequencing, transitions, future tenses, and will be able to tell a story, and ask questions.

Course Name ⬇	Subject	Course Description
WLG300E2 Spanish III	World Languages	Students further deepen their understanding of Spanish by focusing on the four key areas of world language study: listening, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concepts, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. These activities teach students to communicate with others through informal speaking and writing interactions and to express their thoughts and opinions in both formal and informal spoken and written contexts. Students should expect to be actively engaged in their own language learning; use correct vocabulary terms and phrases naturally; incorporate a wide range of grammar concepts consistently and correctly while speaking and writing; participate in conversations covering a wide range of topics; respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; read and analyze important pieces of Hispanic literature; and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). In semester A, students explore verbs, false cognates, nature, vacation, music, technology, measurements, and clothing words. In semester B, students explore work, shopping and money words, expressions with por and para, relationship, love, social issues, and computer words.
WLG300 Spanish III	World Languages	Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. Students should expect to be actively engaged in their own language learning; use correct vocabulary terms and phrases naturally; incorporate a wide range of grammar concepts consistently and correctly while speaking and writing; participate in conversations covering a wide range of topics and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; read and analyze important pieces of Hispanic literature; and take frequent assessments by which their language progression can be monitored.

Course Name ⇩	Subject	Course Description
WLG350 Sign Language 3	World Languages	American Sign Language 3 dives into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives. This third-year course immerses students into Deaf culture and community, by allowing students to compose and present their new-found vocabulary and narratives. Students will explore how travel, cultural differences, and geography affect sign language, while learning to form opinions, and using slang and other idiomatic expressions in ASL. Additionally, students will be able to advance their signing skills by developing verb tenses, grammar, and syntax. This course also provides opportunities to debate real-world issues and explore careers opportunities in ASL.
WLG500 AP® Spanish Language and Culture	World Languages	The AP® Spanish Language and Culture course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP® Spanish Language and Culture course prepares students for the AP® Spanish Language and Culture exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive, and Presentational) as defined in the Standards for Foreign Language Learning in the twenty-first century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. In addition, all student work, practices, projects, participation, and assessments are in Spanish. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. In addition, students participate in a forum where they are able to share their own opinions and comments about various topics and comment on other students' posts. The course also makes great use of the Internet for updated and current material.

Course Name ↓≡	Subject	Course Description
WLG500E1 AP(R) Spanish Language and Culture	World Languages	Our online AP® Spanish Language and Culture course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical, and communicative skills. The AP® Spanish Language and Culture course prepares students for the College Board's AP® Spanish Language and Culture exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive, and Presentational) as defined in the Standards for Foreign Language Learning in the 21st Century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. In addition, all student work, practices, projects, participation, and assessments are in Spanish. The course is based on the six themes required by the College Board, namely Global challenges Science and technology Contemporary life Personal and public identities Families and communities Beauty and aesthetics The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. In addition, students participate in simulated interpersonal conversations in preparation for the exam. The course also makes great use of authentic sources for students to develop their listening, reading, speaking, and writing skills in Spanish.