



Course Catalog

2025–2026



CAREER PREP

Not all schools offer all courses. In addition, some courses may require families to provide materials beyond those supplied by K12. For more information, please contact your K12-powered school. If you're not a current K12 family, please call 866.968.7512 with any questions.

Course Name ↓	Subject	Course Description	CRE Cluster
AGR020 Intro Forestry & Natl 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.	Agriculture, Food, and Natural Resources
AGR030 Prin Agr Food & 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.	Agriculture, Food, and Natural Resources
AGR040 Intro Energy & Natural Res Tech	Career Readiness Education	The Energy & Natural Resource Technology course examines the interrelatedness of environmental issues and production agriculture. Students will evaluate the environmental benefits provided by sustainable resources and green technologies. Instruction is designed to allow for the application of science and technology to measure environmental impacts resulting from production agriculture through field and laboratory experiences.	Agriculture, Food, and Natural Resources
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!	Agriculture, Food, and Natural Resources

Course Name ↓	Subject	Course Description	CRE Cluster
AGR110DE4-PBL Agribusiness (New SY 25-26)	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.	Agriculture, Food, and Natural Resources
AGR111 General Agriscience 2a	Career Readiness Education	This course introduces how plants and ecosystems impact the world of agriculture science. Next, this course explores the uses and life cycle of plants, plant parts, genetics, functions, and processes. Then, this course provides information about the horticulture industry, ethical impact and trends of the trade, and career opportunities in this fruitful field.	Agriculture, Food, and Natural Resources
AGR111 General Agriscience 2b	Career Readiness Education	This course provides an overview of the principles of landscape design, including the tools that help with planning and application to residential projects. Then, the course explains how to transplant and propagate, manage pests and diseases, and keep plants healthy through the proper use of pruning and weeding. Finally, it explores horticulture's impact on the environment and the role that you play.	Agriculture, Food, and Natural Resources
AGR200 Energy & Environmental Design	Career Readiness Education	This course introduces students to the LEED process. LEED, or Leadership in Energy and Environmental Design, is the global standard for green building certification. Throughout the course, students will gain an understanding of the various components of green building. The theme of sustainability and sustainable construction is woven throughout each module both in terms of physical environment and as it pertains to LEED certification."	Agriculture, Food, and Natural Resources

Course Name ↓	Subject	Course Description	CRE Cluster
AGR210E3 Intro to Food & Safety Science	Career Readiness Education	This food and safety science course discusses the methods and skills needed to run a safe, healthy, and efficient food production operation and the science behind food production. The course covers topics such as chemical processes in food science, food handling, sanitation, food packaging, and foodborne illnesses. This course utilizes a combination of presentations, videos, activities, and projects to cover the necessary material to understand the foundations of food science and food safety measures	Agriculture, Food, and Natural Resources, Hospitality and Tourism
AGR211E4 Poultry & Livestock Production	Career Readiness Education	This course discusses the foundational elements of poultry and livestock production. It covers the skills needed for employment in this field and explains how to apply this knowledge at work. Students will learn about the history and practices of the livestock industry, livestock production, and related environmental issues. In addition, this course provides detailed discussion of animal anatomy, nutrition, and reproduction.	Agriculture, Food, and Natural Resources
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.	Agriculture, Food, and Natural Resources, Hospitality and Tourism
AGR230 Principles of Plant Science	Career Readiness Education	Coming Soon!	Agriculture, Food, and Natural Resources
AGR233 Plant & Soil Science	Career Readiness Education	This course teaches students about the science and management of plants and soils. Topics covered include plant anatomy, classification, propagation, genetics, and nutrition. Students will also learn about the composition, health, quality, and fertility of soil. Furthermore, this course discusses methods used to test soil, control pests, improve crop production, and design landscapes.	Agriculture, Food, and Natural Resources

Course Name ↓	Subject	Course Description	CRE Cluster
AGR240 Wildlife Fish & Ecology Mgmt 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.	Agriculture, Food, and Natural Resources
AGR241 Wildlife Fish & Ecology Mgmt 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.	Agriculture, Food, and Natural Resources
AGR250E2 Agricultural Power Systems	Career Readiness Education	This is the first semester of a two-semester Power Systems course that teaches students about the power and control systems related to energy sources, small and large power systems, and agricultural machinery. Instructional content prepares students for careers in agricultural power, structural, and technical systems. Topics covered in this semester include safety, small engine tools, farm implements, equipment maintenance, hydraulic systems, and electrical wiring and control systems.	Agriculture, Food, and Natural Resources
AGR310E3 Agr Mechanics & Metal Tech 1	Career Readiness Education	This course discusses agricultural mechanics and metal technology. It includes the skills needed to work in the agricultural field, including basic safety skills, tool terminology and identifying tools' uses, construction, and project management skills.	Agriculture, Food, and Natural Resources
AGR320E3 Agr Mechanics & Metal Tech 2	Career Readiness Education	This course continues to delve into agricultural mechanics and metal technology. It includes the skills needed to work in the agricultural field, including basic safety skills, tool terminology and identifying tools' uses, construction, and project management skills.	Agriculture, Food, and Natural Resources

Course Name ↓	Subject	Course Description	CRE Cluster
AGR330E3 Agr Mechanics & Metal Tech 3	Career Readiness Education	This course continues to delve into agricultural mechanics and metal technology. It includes the skills needed to work in the welding field, including basic safety skills, tool terminology and identifying tools' uses, construction, and project management skills. Students will also learn about electrical wiring and systems, and an introduction into robotics.	Agriculture, Food, and Natural Resources
BUS020 Intro 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.	Hospitality and Tourism
BUS024E3 Prin of Bus, 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.	Business Management and Administration

Course Name ↓	Subject	Course Description	CRE Cluster
BUS025E3 Prin of Bus, 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!	Business Management and Administration
BUS032 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.	Business Management and Administration
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.	Business Management and Administration

Course Name ↓	Subject	Course Description	CRE Cluster
BUS045DE2 Entrepreneurship 1	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.	Business Management and Administration
BUS045DE4-PBL Entrepreneurship 1 (New SY 25-26)	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.	Business Management and Administration
BUS055DE2 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.	Business Management and Administration
BUS055E4-PBL Entrepreneurship 2 (New SY 25-26)	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.	Business Management and Administration
BUS065DE3 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.	Agriculture, Food, and Natural Resources, Marketing

Course Name ↓☰	Subject	Course Description	CRE Cluster
BUS065DE4-PBL Marketing 1 (New SY 25-26)	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.	Business Management and Administration, Marketing
BUS075DE2 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.	Agriculture, Food, and Natural Resources, Marketing
BUS075E4-PBL Marketing 2 (New SY 25-26)	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.	Business Management and Administration, Marketing

Course Name ↓☰	Subject	Course Description	CRE Cluster
BUS080-DYN 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.	Business Management and Administration
BUS090E2 Sports and Entertainment Mktg 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!	Marketing

Course Name ↓☰	Subject	Course Description	CRE Cluster
BUS091 Sports and Entertainment Mktg 2	Career Readiness Education	<p>Get ready to drop your spectator status for an all-access pass to enter the exciting world of sports and entertainment marketing! In this course, you'll secure a solid foundation of effective marketing by studying the different roles and levels and how they relate to one another. Then, you'll explore the modern marketing methods professionals use to take an event concept and make it successful. Finally, you'll get up to speed on industry terminology and touchpoints with the help of HR. Get ready to flash that pass and gain all-star access to the stage and arena!</p>	Marketing
BUS100 Startups & Innovation	Career Readiness Education	<p>Students hear a lot of contradictory advice in life. On one hand, they may hear something like "Follow your dreams. Pursue your passion and the money will come!" On the other hand, they may hear something completely opposite, like "Most startups fail! It's much safer to get a safe, steady job." So which side is right? Given the massive changes to the economy and society, the skills of entrepreneurship are going to be critical in building a lasting career. The entrepreneurial mindset of searching for opportunities, creating value, and solving pain points will always be valuable. And this mindset applies not just to starting a business, but in any organization that someone is a part of: school, established companies, or non-profits. In this course, students will explore how to use this mindset to create the next world-class startup."</p>	Business Management and Administration

Course Name ↓	Subject	Course Description	CRE Cluster
BUS110 Social Media Marketing	Career Readiness Education	Whether it's posting pictures, videos, or interacting in the metaverse, today's students who aspire to apply their social media skills to business marketing must be prepared! This course on Social Media Business Marketing provides them with the foundational knowledge of social media technology and marketing principles. The course begins with an introduction to Social Media platforms and then goes in-depth into the marketing and advertising strategies used to support a company's social media strategy and campaigns. Through activities and projects, students will gain firsthand knowledge of this exciting field. This course also prepares students for the Social Media Strategist certification."	Business Management and Administration, Marketing
BUS113DE2 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.	Business Management and Administration, Marketing
BUS114DE2 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.	Business Management and Administration, Marketing

Course Name ↓	Subject	Course Description	CRE Cluster
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.	Hospitality and Tourism
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!	Agriculture, Food, and Natural Resources, Business Management and Administration, Marketing
BUS140 Bus 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.	Agriculture, Food, and Natural Resources, Business Management and Administration, Marketing
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?	Hospitality and Tourism

Course Name ↓	Subject	Course Description	CRE Cluster
BUS211 Professional Sales & 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.	Hospitality and Tourism
BUS215 Accounting with QuickBooks (New SY 25-26)	Career Readiness Education	BUS215 Accounting 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. Students will learn about vendor records, expense settings, money-in and money-out transactions, bank accounts, transaction rules, and basic reports and views. 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. With this course, participants will be able to confidently set up and manage a company using QuickBooks Online Plus and will gain a solid understanding of the foundations, statements, transactions, and bookkeeping work involved in accounting.	Business Management and Administration

Course Name ↓	Subject	Course Description	CRE Cluster
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.	Hospitality and Tourism
BUS240 Hospitality Mgmt, Mktg & Ops	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.	Hospitality and Tourism
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!	Hospitality and Tourism

Course Name ↓	Subject	Course Description	CRE Cluster
BUS251 Hotel Management 2	Career Readiness Education	<p>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.</p>	Hospitality and Tourism
BUS300 Entrep. & Small Business (New SY 25-26)	Career Readiness Education	<p>This course by Savvas (Pointful Education) is designed to equip students with the knowledge and skills needed to pass the Entrepreneurship and Small Business (ESB) certification exam from Certiport. The curriculum covers a comprehensive range of topics, including the characteristics of successful entrepreneurs, business management, employee recruitment, company culture development, financial management, and product and service marketing. Each module encourages students to step into the shoes of an entrepreneur and think critically about managing the various responsibilities involved in launching a business.</p>	Business Management and Administration
BUS310 Introduction to Management (New SY 25-26)	Career Readiness Education	<p>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.</p>	Business Management and Administration, Hospitality and Tourism, Marketing

Course Name ↓☰	Subject	Course Description	CRE Cluster
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.	Business Management and Administration, Hospitality and Tourism, Marketing

Course Name ↓	Subject	Course Description	CRE Cluster
BUS330 Intro to Office Administration (New SY 25-26)	Career Readiness Education		Business Management and Administration, Law Public Safety and Security

Course Name ↓	Subject	Course Description	CRE Cluster
		<p>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.</p> <p>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.</p> <p>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</p>	

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		<p>new knowledge and application, this course ends with practical and applicable tips to secure employment as an office administrator.</p>	
BUS331E2 Office Administration 2	Career Readiness Education	<p>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.</p>	Business Management and Administration, Law Public Safety and Security
BUS410 Intro to Business Communication (New SY 25-26)	Career Readiness Education	<p>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.</p>	Business Management and Administration, Hospitality and Tourism, Law Public Safety and Security, Marketing
BUS420 Business Communications 2	Career Readiness Education	<p>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!</p>	Business Management and Administration, Law Public Safety and Security

Course Name ↓	Subject	Course Description	CRE Cluster
BUS423 Principles of Banking & Finance (New SY 25-26)	Career Readiness Education	<p>This course explores the principles of banking and finance within their larger economic context. Students explore the choices they face as producers, consumers, investors, and taxpayers, and 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; theories of value; money (what it is, how it evolved, and 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 (unemployment, inflation, and national debt); and a survey of global markets. In addition, students learn financial literacy skills with an emphasis on investments, markets, and taxation.</p> <p>Building on the broader economic emphasis of the first semester, the second semester of this course narrows its focus to explore more specific issues and elements that comprise the world of banking and finance. Students learn about different types of banks, their employees, and the different tasks they perform. Lessons cover how businesses use banks in their transactions, the accounting methods used in banking transactions, risks that financial institutions face and how they manage those risks, regulations and the importance of compliance, and the role of leadership in business and banking. Students will furthermore explore ways to finance a business (including the role of bank loans) and how financial ratios are used to analyze a company's performance. A series of in-depth projects provide opportunities to apply the concepts taught throughout this semester. Finally, this course discusses career opportunities and the responsibilities of both employers and employees.</p>	Business Management and Administration

Course Name ↓	Subject	Course Description	CRE Cluster
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!	Business Management and Administration
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!	Business Management and Administration
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!	Business Management and Administration, Hospitality and Tourism

Course Name ↓	Subject	Course Description	CRE Cluster
BUS441 Human Resource Management 2	Career Readiness Education	<p>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.</p>	Business Management and Administration, Hospitality and Tourism
BUS470 Practicum in Entrepreneurship (New SY 25-26)	Career Readiness Education	<p>This course is designed to allow students to gain hands-on experience in clinical operations, problem-solving, and decision-making. The first semester invites students into the world of healthcare professionals in various settings such as hospitals, clinics, and other health facilities. Students will explore the practical aspects of launching and running a business by researching and analyzing various companies. Students will simulate the role of entrepreneurs by applying learned concepts to analyze problems and make critical business decisions. By the end of the first semester, students will create a strong business plan that will assist them in their aspirations as entrepreneurs.</p> <p>In the second semester of the course, students transition from simulations to real-world experiences. Through internships with businesses of their interest, students will gain valuable industry exposure and further their professional skills. They will have an opportunity to work alongside professionals, contribute to business tasks and projects, and develop a comprehensive understanding of what it takes to run a business. Throughout the second semester, students will build out their professional portfolios. These portfolios will include professional artifacts and anecdotes from hands-on experiences. Students' portfolios will showcase their professional profiles as they further their entrepreneurial endeavors.</p>	Business Management and Administration

Course Name ↓	Subject	Course Description	CRE Cluster
BUSD MS Exploring Business	Career Readiness Education	<p>Are you interested in business, leading people, or making decisions to help a business be successful? While there are many different career choices in the field of business, in this course, you'll discover options such as management, human resources, business operations, information management, and accounting. Explore the skills you'll need, common tasks, the technology used, and characteristics of various business careers.</p>	Business Management and Administration
CAR003E4 Welcome to K12 Career Prep	Career Readiness Education , Orientation	<p>The Welcome Career Prep course is an introduction to the career prep program, curriculum, and features. The course includes an overview of career clusters, career and technical service organizations, and work-based learning. An orientation to project-based learning prepares students for completing coursework their career courses. Students also explore career learning collaboration tools such as Tallo, Nepris, and Microsoft Teams. Each lesson incorporates real experiences of past and present career learning students through video, text, and project samples.</p>	Career Explorations

Course Name ↓☰	Subject	Course Description	CRE Cluster
CAR010 Business & Healthcare Exp	Career Readiness Education	<p>In this course students explore basic concepts in the broad areas of business and healthcare, as well as career options in each area.</p> <p>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.</p> <p>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.</p>	Career Explorations

Course Name ↓	Subject	Course Description	CRE Cluster
CAR015 Arts, AV, Comm, Principles (New SY 25-26)	Career Readiness Education	<p>This two-semester course by Edmentum provides a practical guide to skills needed for arts, audio/video technology, and communications careers. The first semester includes 19 lessons across four units, covering topics like the evolution of multimedia, animation, and film and career opportunities in these fields. You'll learn about positive work ethics, team dynamics, creativity, fashion influences, photography basics, time management, critical thinking, job acquisition, technology trends, and Internet risks. The course also emphasizes business etiquette and presentation skills.</p> <p>The second semester includes 16 lessons across four units, covering topics like art forms, theater skills, workplace diversity, reading and writing skills, journalism trends, professional communications, telecommunication services, speaking and listening skills, printing and imaging technology, graphic design, writing and editing careers, organizational vision, integrity traits, employee laws, ethical principles, health and safety rules, interpersonal skills, and leadership styles.</p>	Arts, AV Tech, and Communications
CAR017DE3 Business and Mktg Explorations	Career Readiness Education	<p>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.</p>	Career Explorations

Course Name ↓	Subject	Course Description	CRE Cluster
CAR017E4-PBL Business and Marketing Explorations (New SY 25-26)	Career Readiness Education	This course is a Project Based Learning course (PBL). 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.	Career Explorations
CAR019DE3 Healthcare Explorations	Career Readiness Education	This course is designed as an exploration of the healthcare career pathways. Students will get an introduction to healthcare careers so that they can better assess which pathway to pursue. In this course students explore basic concepts in the broad areas of healthcare, as well as career options in each area. Students study the concepts of disease prevention, personal health management, and social work, in addition to other common health related functions. Students complete projects to develop a deeper understanding of the roles these healthcare functions play.	Career Explorations
CAR019DE7-PBL Healthcare Explorations (New SY 25-26)	Career Readiness Education	This course is a Project Based Learning course (PBL) and is designed as an exploration of career pathways in healthcare. In this course students study the concepts of public service, effective communication, planning for emergencies, legal issues in health care, and career options in addition to other common related functions. Students complete projects to develop a deeper understanding of the roles these career functions play.	Career Explorations

Course Name ↓	Subject	Course Description	CRE Cluster
CAR022-ALV 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.	Career Explorations
CAR025 Manufacturing Explorations	Career Readiness Education	Think about the last time you visited your favorite store. Have you ever wondered how the products you buy make it to the store shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In this course, you'll learn about the types of manufacturing systems and processes used to create the products we buy every day. You'll also be introduced to the various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors. As a culminating project, you'll plan your own manufacturing process for a new product or invention! If you thought manufacturing was little more than mundane assembly lines, this course will show you just how exciting and fruitful the industry can be.	Career Explorations

Course Name ↓☰	Subject	Course Description	CRE Cluster
CAR025 Manufacturing Principles (New SY 25-26)	Career Readiness Education	<p>This two-semester Edmentum course delves into the evolution of manufacturing processes and systems. It covers the history of manufacturing, engineering design, and production systems and explores manufacturing tools and production scheduling. The course analyzes materials, processes, equipment, and tools, evaluates the skills required for manufacturing roles, and examines relevant technologies and instruments. Additionally, it involves creating and assessing engineering drawings, producing a production schedule, and comparing mass, lean, and agile production methods.</p> <p>The second semester of this course covers quality control systems, the importance of maintenance and marketing, and essential professional and personal skills for a successful manufacturing career. It introduces various manufacturing processes, techniques, and regulations, the use of statistical tools to enhance outcomes, and compares marketing and manufacturing priorities. The course also explores effective collaboration between these departments, requires students to create presentations on career opportunities, and evaluate the key skills and characteristics needed for success in the manufacturing industry.</p>	Manufacturing and the Trades
CAR031-DYN Engineering Explorations	Career Readiness Education	<p>This course guides students through an investigation of engineering careers. Students are introduced to the basics of engineering, learn how to turn problems into ideas, and develop a basic understanding of civil, mechanical, chemical, and biological engineering.</p>	Career Explorations

Course Name ↓	Subject	Course Description	CRE Cluster
CAR045 AG & Natural Resources Princ (New SY 25-26)	Career Readiness Education	These career exploration courses by Edmentum are designed to help students explore the field of agriculture. The course spans two semesters and introduces students to various career paths in agriculture, food, and natural resources. Throughout the course, students will explore technological advancements, safety protocols, and regulatory considerations in agricultural science. Additionally, they will delve into topics such as international agriculture and global trade, sustainability, environmental management, research and development, and emerging trends in the industry. This course aims to equip students to understand how to meet the increasing demand for sustainable food sources while addressing the challenge of producing higher yields to feed a growing global population.	Agriculture, Food, and Natural Resources
CAR045 Agriculture Explorations	Career Readiness Education	This course is a Project Based Learning course (PBL). This course is designed as an exploration of the agriculture career pathways. Students will get an introduction to agriculture careers so that they can better assess which pathway to pursue. In this course students explore basic concepts in the broad areas of agribusiness and agriscience, as well as career options in each area. Students study the concepts of horticulture, natural resources, and livestock production, in addition to other common agriculture related functions. Students complete projects to develop a deeper understanding of the roles these agricultural functions play.	Career Explorations
CAR050 Education & Training Explorations	Career Readiness Education	The Education and Training Explorations course is designed for students to explore careers found in the Education and Training Career Cluster. Students in Education and Training Explorations will study a variety of topics, including professional skills and job responsibilities of various education job workers.	Career Explorations

Course Name ↓	Subject	Course Description	CRE Cluster
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.	Career Explorations
CAR095DE2 IT Explorations	Career Readiness Education	This course is designed as an exploration of the information technology career pathways. Students will get an introduction to information technology careers so that they can better assess which pathway to pursue. In this course students explore basic concepts in the broad areas of information technology, as well as career options in each area. Students study the concepts of networking information support, web and digital communications, and programming and software development.	Career Explorations
CAR095 Principles of IT (New SY 25- 26)	Career Readiness Education	This course by Edmentum spans two semesters and is tailored for high school students to develop essential skills and knowledge for the IT industry. Students will be introduced to the basics of computer systems and will learn to use the Internet, word processors, presentation software, spreadsheets, and databases. The curriculum also covers computer programming, networks, and web design and development. Additionally, students will explore various career paths in information technology and identify the key skills and certifications required for these careers.	Information Technology

Course Name ↓☰	Subject	Course Description	CRE Cluster
CAR100 Career Planning	Career Readiness Education	<p>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.</p>	Career Explorations
CAR105 Exploring Robotics	Career Readiness Education	<p>It seems like many elementary to high school robotics courses are focused on simply coding a Lego robot to move its mechanical arm up and down. This course, in contrast, teaches students what a robot is and how it relates to other key technologies such as artificial intelligence and machine learning. Then the course examines 10 applications of robots and how they will change and impact various aspects of our lives and the economy. Will robots simply steal our jobs, or will they be a tool that will create new opportunities and even free humans to use our creativity and curiosity to their full potential? Students will grapple with this and many other questions as they explore this vital, future-focused subject."</p>	Engineering & STEM

Course Name ↓	Subject	Course Description	CRE Cluster
CAR106D Career Planning CR	Additional Electives, Career Readiness Education	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.	Career Explorations
CAR120 Public Services Exploration	Career Readiness Education	This course explores the public services career pathway, specifically to the law enforcement and corrections careers within the pathway. It also covers important skills needed for employment in the field, including information literacy, problem solving, communication skills, and teamwork.	Law Public Safety and Security
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.	No assigned cluster

Course Name ↓	Subject	Course Description	CRE Cluster
CAR MS Career Exp 1 (New SY 25-26)	Career Readiness Education	<p>Exploring College and Careers, Semester A, is the first part of a two-semester course. The course begins with an introduction to self-exploration to help you identify your aptitudes, interests, skills, values, beliefs, and strengths. You will learn to interpret self-assessment data effectively to create an initial career and education road map. You will set long-term, mid-term, and short-term goals. As the course progresses, you will explore various career clusters, gaining insights into job opportunities, educational requirements, and necessary skills. You will identify academic strengths and areas for improvement, which are essential for success in an interest-aligned career. You will learn about various postsecondary educational options, including trade or technical schools, apprenticeships, community colleges, military service, and universities. Finally, you will learn about financial planning to ensure that you have the resources necessary to pursue your aspirations.</p> <p>This course consists of 10 lessons organized into three units, three Unit Activities, and three Discussions. In addition, you must complete one Course Activity and one Course Project during the course. Every lesson includes one or more Lesson Activities. You will grade your work in the Lesson Activities by comparing it to sample responses. You will submit the Unit Activities, Course Activity, and Course Project to your teacher for grading.</p>	Career Explorations

Course Name ↓	Subject	Course Description	CRE Cluster
CAR MS Career Exp 2 (New SY 25- 26)	Career Readiness Education	<p>Exploring College and Careers, Semester B, is the second part of a two-semester course. The course begins with an exploration of the key qualities, competencies, and skills required to achieve success in a career. You will develop leadership qualities and learn how to work efficiently as part of a team. You will examine the importance of ethical behavior and integrity in the workplace. As the course progresses, you will explore the dynamic world of entrepreneurship and become more familiar with current employment trends. You will discover the mindset and skills needed to start and run your own business. You will learn about organizations that can support your career development and provide networking opportunities. Additionally, you will learn about career planning to ensure that you have the resources necessary to pursue your aspirations. Finally, you will prepare customized career preparation materials such as a résumé, cover letter, and job application for a specific career aligned with your interests.</p> <p>This course consists of 10 lessons organized into three units, three Unit Activities, and three Discussions. Additionally, there is one Course Activity and one Course Project. Every lesson includes one or more Lesson Activities. You will grade your work in the Lesson Activities by comparing it to sample responses. You will submit the Unit Activities, Course Activity, and Course Project to your teacher for grading.</p> <p>By the end of this course, you will be able to do the following:</p> <p>Apply key employability skills and interact effectively with colleagues, clients, and stakeholders.</p> <p>Analyze and apply ethical principles and practices in various workplace scenarios.</p> <p>Evaluate the characteristics of successful entrepreneurs and develop a business plan for a potential entrepreneurial venture.</p>	Career Explorations

Course Name ↓	Subject	Course Description	CRE Cluster
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.	No assigned cluster
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!	Arts, AV Tech, and Communications
COM220 Digital Media Producing for 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.	Arts, AV Tech, and Communications
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.	Arts, AV Tech, and Communications
COM231 Journalism Investigating 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.	Arts, AV Tech, and Communications

Course Name ↓	Subject	Course Description	CRE Cluster
HLT041 Introduction to Biotechnology	Career Readiness Education	<p>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.</p>	Health and Human Services, Manufacturing and the Trades
HLT042 Biotech Unlocking Nature Secrets	Career Readiness Education	<p>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:</p> <p>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.</p>	Health and Human Services, Manufacturing and the Trades
HLT110DE5-PBL Health Sciences	Career Readiness Education	<p>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.</p>	Health and Human Services

Course Name ↓	Subject	Course Description	CRE Cluster
HLT213DE2 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.	Health and Human Services
HLT214DE2 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.	Health and Human Services
HLT220 Public Health (New SY 25-26)	Career Readiness Education	What defines public health? How are decisions made regarding disease funding priorities? What factors contribute to health inequality? This course examines both infectious and non-communicable diseases, along with the strategies used to address them at community and global levels through hygiene, sanitation, and nutrition. It also explores the impact of current and emerging technologies, as well as the ethical and governance aspects of global health. Additionally, it highlights diverse career opportunities for those seeking to make a meaningful impact in the field.	Health and Human Services

Course Name ↓☰	Subject	Course Description	CRE Cluster
HLT230 Intro to Human and Social Services (New SY 25-26)	Career Readiness Education	Professionals in social services are committed to enhancing the economic and social well-being of individuals, supporting them in leading safe and independent lives. This course examines the helping process, as well as the importance of physical, mental, and family wellness. It also provides insight into the qualities and skills essential for a compassionate and effective social service career. For those seeking an emotionally fulfilling and impactful profession, the field of social and human services offers meaningful opportunities to make a difference in the lives of others.	Health and Human Services, Law Public Safety and Security
HLT230 Intro to Human & 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.	Health and Human Services