Horizon Charter Schools Career Technical Education (CTE) Pathways								
Agriculture and Natural Resources (AGR) *New!*	Business Management (FIN)	Cosmetology (FSN) *New!*	Education and Child Development (EDU)	Engineering Technology (ENG)	Food Service and Hospitality (HOS)	Media Arts: Audio/Video (AME)	Public and Community Health (HLT)	Web and Social Media Programming (INF)
eDynamic	Edmentum	eDynamic	Edmentum	Edmentum	Edmentum	Edmentum	Edmentum	Edmentum
Explore plant science, animal husbandry, and natural resources.	Discover business and financial concepts with practical, real world applications.	Examine various beauty regimes and techniques.	Explore effective parenting, nurturing, and child growth.	Through use of computer-aided tools, gain knowledge essential for STEM careers.	Learn more about the food-service and hospitality industries.	Develop technical knowledge for success in the audio video production industry.	Learn about medical and health related careers and terminology.	Discover the latest information related to the world of IT!
Principles of Agriculture A	Introduction to Finance	Cosmetology 1: Styles	Child Development & Parenting 1A	Engineering & Technology 1A	Hospitality and Tourism 1A	Arts, A/V Tech and Communication 1A	Principles of Health Science	Information Technology 1A
Principles of Agriculture B	Principles of Business	Cosmetology 2: Skin & Nails	Child Development & Parenting 1B	Engineering & Technology 1B	Hospitality and Tourism 1B	Arts, A/V Tech and Communication 1B	Medical Terminology I	Information Technology 1B
Agriscience 1	Entrepre-neurship	Cosmetology 3A: Hair Skills	Education and Training I	Drafting and Design 1A	Culinary Arts 1A	Audio/Video Production 1A	Medical Terminology II	Web Technologies 1A
Agriscience 2	Business Information Management	Cosmetology 3B: Adv. Hair	Education and Training II	Drafting and Design 1B	Culinary Arts 1B	Audio/Video Production 1B	Principles of Human Services	Web Technologies 1B

Students will complete 20 units of CTE Standards-Based Online courses, using the required vendor (Edmentum or Edynamic) with access to the vendor teachers. Students must also participate in 1 Career-related and 1 Workplace-related exploration activity to fulfill the Aligned Participation Activity (APA) requirement towards a CTE Certificate. Activities can include: guest speaker, workplace tour, informational interview, job shadow, student enterprise, work experience, visit a parent at work, career interest survey, and career fairs. Other activities will also be accepted (confirm with counselor). Coursework and APA completion will be tracked on student's CTE record, along with the required "C- "grade or better in the Capstone course to ensure eligibility for the CTE Pathway Completion Certificate and Digital Badge.

A-G approved!

Agriculture and Natural Resources (AGR) *New!*	eDynamic

Principles of Agriculture A/B-Food and Natural Resources-Did you know that the world's population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. Even today, millions of people around the world experience hunger. How can we balance growing populations and keeping everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Through the study of Principles of Agriculture: Food and Natural Resources, you will gain a stronger sense of how food ends up on the plate and how we can maximize the foods and natural resources the earth provides. You'll learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.

Agriscience 1-Introduction-How can we make our food more nutritious? Can plants really communicate with each other? These are just two of the questions tackled in Introduction to Agriscience. From studying the secrets in corn roots to examining how to increase our food supply, this course examines how agriscientists are at the forefront of improving agriculture, food production, and the conservation of natural resources. In Introduction to Agriscience, you'll learn about the innovative ways that science and technology are put to beneficial use in the field of agriculture. You'll also learn more about some of the controversies that surround agricultural practices as nations strive to provide their people with a more abundant and healthy food supply.

Agriscience 2-Sustaining Human Life-Have you ever strolled past a bright green cauliflower at the market and paused to ponder its unusual color? Ever wonder why "broccolini" is suddenly a thing? Well, if you find yourself curiously questioning these, and other, peculiar vegetables and wondering about the role of agriculture in the modern world, Agriscience II is for you. Learn how science and technology are revolutionizing our food supply and promoting innovative ways to produce healthy plant-based foods, such as developing better hybrids and growing edible plants in challenging places. Food is our most essential resource; see how plant science will change the face of eating in the 21st century and give us the knowledge to continually improve our green thumbs.

Business Management (FIN)	Edmentum

Introduction to Finance- This 1 semester course enables students to develop financial skills used in careers in business. Financial literacy is an essential capability needed in the workforce. Students are provided with information to determine if a career in finance is right for them using games and online discussions to introduce a variety of topics, including investment strategies, money management, asset valuation, and personal finance. The course is designed to develop technical skills needed for success in the finance industry,

Principles of Business- This 1 semester course has a broad application for almost every career path and supplies both essential career skills and life skills. There is flexibility to customize to the unique needs of students with interactive games and other engaging activities to make practical real-life application of essential business principles understandable useful in the daily lives and careers of students.

Entrepreneurship- This 1 semester course is based on Career Technical Education (CTE) standards designed to help students understand the roles and attributes of an entrepreneur, marketing and its components, selling process, and operations management. This course discusses entrepreneurship and the economy, marketing fundamentals, managing customers, production and operations management, money, and business law and taxation.

Business Information Management-This 1 semester course helps students develop information management skills used in careers in business organizations. Careers in Business Information Management involve computing technology, connecting through the internet, and working with documents, spreadsheets, presentation programs, databases, web page design, and project management. The course is designed to develop technical knowledge and skills needed for success in the business information management industry.

Cosmetology (FSN) *New!*	eDynamic

Cosmetology 1: Styles-Cutting Edge Styles-We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? In Cosmetology: Cutting-Edge Styles, you will learn all about this often entertaining field and how specialized equipment and technology are propelling our grooming into the next century. Just like all careers, cosmetology requires certain skills and characteristics, all of which are thoroughly explored in this course. You will learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course!

Cosmetology 2: Skin & Nails-The Business of Skin and Nail Care-Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well-versed in the latest trends and technological advances. In Cosmetology 2: The Business of Skin and Nail Care, experience what the day-to-day life of a cosmetologist is like. You will discover that cosmetology is much more than knowing and applying techniques. Additionally, you will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology.

Cosmetology 3A: Hair Skills
Introduction to Hair Skills-Cosmetology is a specialized field with a high skill set. Students taking this course will be exposed to the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. Students will also learn about hair types, face shapes, and color theory. Finally, to effectively prepare students for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined.

Cosmetology 3B: Adv Hair Waving, Coloring, and Advancing Hair Skills-Building on the prior prerequisite course, students will delve into the realm of hair styling and cutting techniques. Students will explore varieties wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Manual curling and the use of chemicals to curl and straighten hair are highlighted in this course as well as safety when working with chemicals. Students can expect to be well versed with a plethora of hair skills upon completion.

HORIZON CHARTER SCHOOLS

Education and Child Development (EDU) — Edmentum

Child Development and Parenting 1A/1B- As adulthood and its accompanying responsibilities become closer for many of your students, this course with 12 lessons introduces them to the basics of parenting. Students will learn the nuances of parenting including learning about prenatal and postnatal care and gain insights on the nurture of children. Students will also learn about the importance of positive parenting skills, parent-child communication, and ways to use community resources for effective parenting. Activities will help your students connect leading research to real-life experience.

Education and Training I/II- This course is designed to enable all students at the high school level to learn the basics of education and training. Students will learn about the various trends and factors that influence the education industry. This course introduces various career opportunities in the field of education. The units in this course include personal and professional skills needed in various education careers, child growth and development, child health, delivering instruction, and technology in education. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the education industry.

Engineering Technology (ENG) — Edmentum

Principles of Engineering & Technology 1A/1B-This 2 semester course provides students with essential STEM knowledge needed for STEM careers. Lessons include activities and online discussions. Topics include; biotechnology, mechanics, and fluid & thermal systems. The concluding lesson gives an overview of the engineering design process.

Drafting and Design 1A/1B-From the history of drafting and design to the latest in computer- aided tools, this 2 semester course explores a dynamic and in-demand career. The lessons, engaging activities, and course review lead to mastery of the course content. The skill-embedded content connects student learning to real-life experiences.

Hospitality/Tourism (HOS) — Edmentum

Principles of Hospitality and Tourism 1A/1B- The hospitality and tourism industry offers a dynamic career path that will pique the interest of many of your students. This 2 semester course emphasizes the practical aspects of the industry and the development of critical-thinking skills that lead to real-world solutions. This 14-lesson course will introduce your students to an exciting industry and will help them evaluate and prepare for a career in this growing and exciting industry.

Culinary Arts 1A/1B- This 2 semester course enables students to learn the basics of culinary arts. Tracing the origin and development of culinary arts, students discuss contributions made by chefs, notable culinary figures, and entrepreneurs. The influence of trends in society on the food service industry are analyzed along with the social and economic significance of the food service industry. This course also covers topics in health, sanitation, and culinary skills to prepare students for a range of careers in the culinary industry.

Media Arts: Audio/Video (AME) — Edmentum

Arts, A/V Tech and Communication 1A/1B This course appeals to students' familiarity with a variety of sensory inputs and stimulus. With an emphasis on visual arts, the 14 lessons introduce learners to careers in design, photography, performing arts, fashion, and journalism, among others. This engaging course covers inherently engaging topics that will stimulate students as they consider careers in which the arts, technology, and communications intersect.

Audio Video Production 1A/1B-This course is designed to enable all students at the high school level to learn the basics of audio video production. The course will help the students develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. The course is based on California state standards for Career and Technical Education (CTE) to help students develop technical knowledge and skills needed for success in the audio video production industry.

Public and Community Health (HLT) — Edmentum

Principles of Health Science- This rigorous 1-semester course provides a comprehensive overview of health science topics and careers. Health science professionals are in increasing demand and this course is an effectively introduces students to the wide array of health science careers. Beginning with medical terminology, the course includes an overview of physiology and human homeostasis and more.

Medical Terminology I- This second semester of Medical Terminology will help students develop an understanding of the industry with a focus on personal and employability skills. Additionally, the students will learn how to implement technology and healthcare tools to collate data and determine treatments.

Medical Terminology II- The course is based on California state standards for Career and Technical Education (CTE) designed to help students develop technical knowledge and skills needed for success in the healthcare industry. Semester A will help students identify and understand the medical terminology used for various diseases and medical procedures related to each body system.

Principles of Human Services- This 1-semester course enables students to develop the critical skills and knowledge necessary in the human services industry. Students learn about the personal characteristics needed for the workplace, such as integrity, and positive work ethics. Employability skills, counseling, mental health, and consumer services are covered topics. The course is based on CTE standards for careers in the human services field.

Web and Social Media Programming (INF) — Edmentum

Principles of Information Technology 1A/1B- This 2 semester course prepares learners for a career in information technology and covers software, hardware, and implementation. The security and ethical issues faced in an IT career are also addressed. Lessons, activities, and discussions are used to provide a practical yet cutting edge look at the issues faced by leading IT professionals. The course is based on California Education standards for Career and Technical Education (CTE) to develop technical knowledge and skills needed for success in the information technology industry.

Web Technologies 1A/1B- This 2 semester course takes students inside the essentials of web design and helps them discover what makes a site truly engaging and interactive. Lessons such as Elements of Design, Effects of Color, and Typography help them understand the elements of effective and dynamic web design. The course covers the basics of HTML, CSS, and how to organize content, and helps to prepare them for a career in web design.