



Missouri Course Access and Virtual School Program (MOCAP) eDynamic Learning Course Descriptions - Curriculum Only

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Course Name	Course Description
<p>American Sign Language 1a/1b</p>	<p><u>American Sign Language 1a: Introduction (Semester 1)</u> Did you know that American Sign Language (ASL) is the third most commonly used language in North America? Learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness.</p> <p><u>American Sign Language 1b: Learn to Sign (Semester 2)</u> The predominant sign language of Deaf communities in the United States, American Sign Language, is complex and robust. Discover more of this language and its grammatical structures through expanding your vocabulary with acquiring hundreds of new signs. Additionally, explore interesting topics like Deaf education and Deaf arts and culture, and learn about careers where you can use your ASL skills.</p>
<p>American Sign Language 2a/2b</p>	<p><u>American Sign Language 2a: Communicating (Semester 1)</u> It's time to move beyond introductory ASL signs and start forming more compelling signs for communication. Explore how expressions can enhance signs and lend dimension to conversations, while learning vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies.</p> <p><u>American Sign Language 2b: Advancing Communication Skills (Semester 2)</u> Ready to dive deeper into learning about the Deaf community, culture, and language? Learn about sequencing, transitions, roleshifts, and future tenses. Discover how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristics of this course.</p>
<p>American Sign Language 3a/3b</p>	<p><u>American Sign Language 3a: Community & Culture (Semester 1)</u> As you dive into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives, you'll learn, compose, and present your new-found vocabulary and narratives by immersing yourself in Deaf culture and community. From opinions, slang, and idioms, to using technology and media that offers authentic Deaf perspectives. Explore how travel, cultural differences, and geography affect sign language. And gain a better understanding of Deaf culture by learning important events and examining topics such as education, science, and literature.</p> <p><u>American Sign Language 3b: Conversations & Culture (Semester 2)</u> Are you ready to discover ways in which Deaf culture influences the world in general? After all, the concept of culture goes far beyond an understanding of Deaf history. Through discussing Deaf culture and experiences, you'll advance your signing skills by developing verb tenses, grammar, and syntax. Apply your language skills in real</p>

	<p>conversation activities and through opportunities to debate real issues. It's also time to explore the next steps in education and career opportunities for your new intermediate ASL skills.</p>
<p>Business Information Management 1a/1b</p>	<p><u>Business Information Management 1a: Introduction (Semester 1)</u> 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!</p> <p><u>Business Information Management 1b: Data Essentials (Semester 2)</u> 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.</p>
<p>Coding 1a/1b</p>	<p><u>Coding 1a: Introduction to Programming (Semester 1)</u> Have you ever wanted to create your own web page or wondered how your favorite websites were built? Explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn how the internet functions. Discover how to create and build your own website using HTML and CSS, and learn the basics of JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security.</p> <p><u>Coding 1b: Programming (Semester 2)</u> Let's continue to cultivate an understanding of programming languages and expand on website development. You will learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and JavaScript. You will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing.</p>
<p>Digital Media Fundamentals 1a/1b</p>	<p><u>Digital Media Fundamentals 1a: Introduction (Semester 1)</u> 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!</p> <p><u>Digital Media Fundamentals 1b: Producing for the Web (Semester 2)</u> 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</p>

	<p>podcasts and audio editing to construct a solid foundation from which you can pursue a career in this exciting field.</p>
<p>Entrepreneurship 1a/1b</p>	<p><u>Entrepreneurship 1a: Introduction (Semester 1)</u> Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true!</p> <p><u>Entrepreneurship 1b: Make Your Idea a Reality (Semester 2)</u> You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!</p>
<p>Foundations of Game Design 1a/1b</p>	<p><u>Foundations of Game Design 1a:Introduction (Semester 1)</u> Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game!</p> <p><u>Foundations of Game Design 1b: Storytelling, Mechanics, and Production (Semester 2)</u> Now that you have the basics of game design down, let's use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.</p>
<p>Health Science Foundations 1a/1b</p>	<p><u>Health Science Foundations 1a: Introduction (Semester 1)</u> Health science careers are not only in high demand, but they offer a diverse range of careers for all types of people interested in helping others. Acquire foundational knowledge required to pursue a career in the healthcare industry, and the education, training, and credentials needed to attain them. Learn basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities. Explore communication, teamwork, and leadership techniques providing a solid basis for those wanting to advance through the health sciences.</p> <p><u>Health Science Foundations 1b: Professional Responsibilities (Semester 2)</u> Making sure that you, your patients, and your colleagues stay safe, you'll begin analyzing your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. Examine infection control, first-aid, CPR, and measuring a patient's vitals. Learn about numerical data, such as systems of measurement, medical math, and reading and interpreting charts. And examine</p>

	<p>effective teamwork and leadership characteristics while building your employment skills.</p>
<p>Middle School 2D Studio Art</p>	<p>Do you like to draw, paint, or take pictures? Whatever medium you prefer, this course will teach you the design elements and principles needed to create a work of art and explore your artistic inspirations. You'll also travel back in time to look at art in different cultures and learn about the art of critiquing. Let's turn your creative dreams into reality!</p>
<p>Middle School Career Explorations</p>	<p><u>Middle School Career Explorations 1</u> How do you pick a career path when you're not sure what's even out there? This course allows you to begin exploring options in fields such as teaching, business, government, hospitality, health science, IT, and more! You'll align your interests, wants, and needs to career possibilities, including the required education for each. Let's find a pathway that works for you.</p> <p><u>Middle School Career Explorations 2</u> Imagine that it's 20 years from now. What career do you see yourself in? What do you imagine that you'll be doing? In this course, you'll explore more careers and what it takes to succeed in different fields. You'll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices to find one that's best for you.</p>
<p>Middle School Journalism</p>	<p>Are you someone who likes to write to get the story straight? Skilled journalists know how to find key facts and write them up in a way that makes it easy for others to read. In this course, you'll learn how to ask the right questions, how to gather information effectively, organize ideas, format stories, and edit your articles. Get ready to break that news!</p>
<p>Principles of Business, Marketing, and Finance 1a/1b</p>	<p><u>Principles of Business, Marketing, Finance 1a: Introduction (Semester 1)</u> 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.</p> <p><u>Principles of Business, Marketing, Finance 1b: Targeting Your Business Insight (Semester 2)</u> 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!</p>

<p>Principles of Information Technology 1a/1b</p>	<p><u>Principles of Information Technology 1a: Introduction (Semester 1)</u> Ready to develop your understanding and proficiency in computers? Explore a range of concepts to gain the foundational knowledge you'll need to start exploring careers in this field to find out which ones suit your interests and abilities. Learn about computer hardware and maintenance to data management and storage options to network systems, administration, and troubleshooting. Then dive into word processing, spreadsheets, and databases to cement your knowledge of information technology!</p> <p><u>Principles of Information Technology 1b: Working with Computers (Semester 2)</u> Take the IT knowledge you have to a more advanced level. Starting with an overview of programming, algorithms, and compilers, you'll then learn the basics of web page design and creating graphics. Explore security and cybercrime, emerging technologies, presentation software, and intellectual property laws. Finally, you will prepare for the future by discovering various careers in this field and planning your education!</p>
<p>Sports & Entertainment Marketing</p>	<p>The world of sports and entertainment is never boring. This field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multi-billion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful.</p>
<p>Workplace & Internship Readiness</p>	<p>Starting your first "real" job can be intimidating. But when you know what to expect and learn how to be successful, you'll feel confident about the hiring process and prepared to put yourself out there! Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career options, and envision your own personal career path. Get ready to create a powerful launching pad that will help you blast off into a great first job experience!</p>