

Green Mountain High School Concurrent Enrollment Courses

Course	Description	Credits
EGG 106 <i>Spring Enrollment</i>	Robotics Design High School Instructor: Michelle Fisher Focuses on the process of building an autonomous robot from the initial design to final evaluation. Includes design and building of the mechanical structure, electrical system as well as programming and integration of all systems to produce a fully functional autonomous robot capable of performing a series of proscribed tasks. Culminates with a detailed evaluation of both the robot and its performance. Prerequisite: N/A Plan of Study: This course is a suggested engineering transfer course. https://www.rccc.edu/engineering-transfer/courses	1
EGT 140 <i>Fall Enrollment</i>	Introduction to Design and Engineering Applications High School Instructor: Michelle Fisher Provides students with opportunities to engage with an industry client on a real-world, open-ended engineering design problem. Students will develop professional skills and knowledge in Computer Aided Drafting (CAD). The course covers human-centered design and the role of engineering in a sustainable society. Students will cultivate an understanding of the differences in engineering disciplines while working in interdisciplinary teams. Written and verbal communication skills will also be covered. Prerequisite: N/A Plan of Study: This course is a suggested engineering transfer course. https://www.rccc.edu/engineering-transfer/courses	3
HPR 144 <i>Spring Enrollment</i>	Comprehensive Medical Terminology High School Instructor: Theresa Lazzeri Provides an in-depth study of the structure of medical terms with emphasis on using and combining common prefixes, roots and suffixes. This course	3

*Students are encouraged to connect with their preferred college/university advisor to determine transferability of college credit.

	<p>includes terms related to major body systems, oncology, and psychiatry as well as clinical laboratory and diagnostic procedures, and imaging, and provides accepted pronunciation of terms and relative use in the healthcare setting.</p> <p>Prerequisite: N/A</p> <p>Plan of Study: This course is part of the Medical Assisting/Office Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. https://www.rccc.edu/medical-assisting</p>	
<p>PHO 121</p> <p><i>Fall/Spring Enrollment</i></p>	<p>Photo Image Capture I</p> <p>High School Instructor: Lori Frisbee-Hooper</p> <p>Emphasizes the fundamental operations of a DSLR camera. The general operation of the camera, proper camera handling and maintenance, exposure control, depth of field, lenses and the visual characteristics of lenses, and an understanding of how digital capture works are emphasized. Additional topics include: f-stops, shutter speeds, metering modes, use of the histogram, auto focus, auto bracketing, and exposure compensation.</p> <p>Prerequisite: N/A</p> <p>Corequisite: Must be taken concurrently with PHO 161 – Digital Capture Processing</p> <p>Plan of Study: This course is part of the Multimedia Graphic Design Associate of Applied Science Degrees at Red Rocks Community College and may transfer to other colleges. https://www.rccc.edu/photography</p>	3
<p>PHO 161</p> <p><i>Fall/Spring Enrollment</i></p>	<p>Digital Capture Processing</p> <p>High School Instructor: Lori Frisbee-Hooper</p> <p>This course will cover post processing of digital captures. Methods of transferring files from camera to computer, basic digital asset management, image editing tools, optimizing files for print and screen, image sharpening, proper understanding of black and white tonal scale, methods of converting color captures to black and white images, printing, and matting are included. The lab portion of the class will also be used to assist the production of images required for Photo-Image Capture I and Perception & Photography I.</p>	3

	<p>Co-requisite: Must be taken concurrently with PHO 121- Photo Image Capture I</p> <p>Plan of Study: This course is part of the Multimedia Graphic Design Associate of Applied Science Degrees at Red Rocks Community College and may transfer to other colleges. https://www.rccc.edu/photography</p>	
<p>THE 116</p> <p><i>Spring Enrollment</i></p>	<p>Technical Theatre</p> <p>High School Instructor: Barbara Amberg</p> <p>Introduces hands-on methods of constructing and painting scenery and properties and operating stage lighting. Students will also learn the proper procedures of using shop equipment and serving on stage crews.</p> <p>Prerequisite: N/A</p> <p>Plan of Study: This course is part of the Theatre Associate of Arts Degree with Designation at Red Rocks Community College and may transfer to other colleges. https://www.rccc.edu/theatre-arts-dance</p>	<p>3</p>