Green Mountain High School Concurrent Enrollment Courses

Course	Description	Credits
EGG 106 *Spring Enrollment*	**Robotics** **High School instructor: Michelle Roland** 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:** Partnered with EGG 151-Experimental Design (taken at Red Rocks Community College), courses may be transferred towards University of Colorado Boulder's Engineering Programs: http://www.colorado.edu/engineering/red-rocks-community-college-transfer-pathway	1
MGD 101 *Fall and Spring Enrollment*	**Introduction to Computer Graphics** **High School Instructor: Lorri Frisbee-Hooper** Introduces computer systems developed for graphics. You will learn hardware and software components used in multimedia production and explore basic computer operations, file management, scanning techniques, archiving capabilities, and utilization of the multimedia department server and Internet connection. **Prerequisites: N/A** **Plan of Study:** This course is part of the Multimedia Graphic Design Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/graphic-design-amp-print-production-aas-degree.htm	*3*

MGD 102 *Fall and Spring Enrollment*	**Introduction to Multimedia** **High School Instructor: Lorri Frisbee-Hooper** Introduces the equipment and software used in multimedia production and the multimedia professions focus on current technology and equipment, such as scanners, printers, digital cameras, and computers. You will gain hands-on skills using today's technology for input and output in multimedia and design projects. Overview of software for multimedia will be explored. **Prerequisite: N/A** **Plan of Study:** This course is part of the Multimedia Graphic Design Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/digital-media-journalism-aas-degree.htm	*3*
MGD 103 *Fall and Spring Enrollment*	**Intro to Production Design** **High School Instructor: Lorri Frisbee-Hooper** Explores the use of tools, computer graphic techniques, and design principles to produce professional quality designs. Topics include printing basics, typography, and digital color systems. You will use creative thinking to solve communication and design problems for the output process. **Prerequisites: N/A** **Plan of Study:** This course is part of the Multimedia Graphic Design Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/graphic-design-amp-print-production-aas-degree.htm	*3*
MGD 104 *Spring Enrollment*	**Videography I** **High School Instructor: Rebecca Ketchum** Introduces the principles and techniques of video production, including camera operation, basic script writing, lighting, basic sound, and basic digital editing. Examination of pre-production, production, and post-production processes, as well as aesthetics, are included.	*3*

	Recommended Prerequisites: MGD 101 or MGD 102 and basic computer skills. **Plan of Study:** This course is part of the Video Production Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/video-production-aas-degree.htm	
MGD 111 *Fall and Spring Enrollment*	**Adobe Photoshop I** **High School Instructor: Lorri Frisbee-Hooper** Concentrates on the high-end capabilities of Adobe's industry standard photo-editing software as an illustration, design, and photo retouching tool. You will explore a wide range of selection and manipulation techniques applied to photos, graphics, and videos. Design concepts also are explored in this class. **Prerequisite: N/A** **Plan of Study:** This course is part of the Multimedia Graphic Design Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/multimedia/degrees-and-certificates	3
PHO 120 *Fall and Spring Enrollment*	**Fundamentals of Photography** **High School Instructor: Lorri Frisbee-Hooper** Working with a combination of lectures, demonstrations, assignments, and critiques, students learn to see photographically through an exploration of the basic tools, techniques and aesthetics of photography, with an emphasis on the creative use of camera controls, exposure, an overview of film and digital processing, and an awareness of the critical issues in contemporary photography. **Prerequisite: N/A** **Plan of Study:** This course is part of the Multimedia Graphic Design Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/professional-photography-aas-degree.htm	3

MGD 204 *Spring Enrollment*	**Videography II** **High School Instructor: Rebecca Ketchum** Offers advanced study of digital video imaging concepts using digital cameras. Heavy emphasis is placed upon media aesthetics and the creative integration of sight, sound, and motion in student projects. **Plan of Study:** This course is part of the Video Production Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/video-production-aas-degree.htm	3
THE 116 *2018-2019 Academic Year*	**Technical Theatre** **High School Instructor: Barbara Amberg** Introduces hands-on methods of constructing and painting scenery and properties and operating stage lighting. Students also learn the proper procedures of using shop equipment and serving on stage crews. **Prerequisite: N/A** **Plan of Study:** This course is part of the Theatre Technology Applied Science Degree and an elective for the Associate of Arts Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/theatre-arts-degrees.htm	3