

Golden High School Concurrent Enrollment Courses

Course	Description	Credits
<p style="text-align: center;">ART 138</p> <p style="text-align: center;"><i>Fall and Spring Enrollment</i></p>	<p>Film Photography I</p> <p>High School Instructor: Lori Lacy</p> <p>Introduces black and white film photography as a fine art medium and develops skills necessary for basic camera and lab operations.</p> <p>Prerequisite: N/A</p> <p>Plans of Study: This course is an elective for the Associate of Arts Degree at Red Rocks Community College and may transfer to other colleges. http://www.rccc.edu/catalogs/17-18/aa-degree-requirements.htm</p>	<p>3</p>
<p style="text-align: center;">ART 139</p> <p style="text-align: center;"><i>Fall and Spring Enrollment</i></p>	<p>Digital Photography I</p> <p>High School Instructor: Lori Lacy</p> <p>Analyzes acquisition and manipulation of digital images. You will study traditional photography methods of weaving contrast, sharpness, color, and composition together within the limitations of computer technology. The practical aspects of setting up a shoot, equipment needs, and camera controls are discussed. You will examine color correction, restoration, colorizing, and archiving digital images. A digital SLR camera with manual settings is required for this class. You are required to have a basic knowledge of computers prior to taking this class. You should be able to upload and download files from the Internet, external devices, and flash drives; use the Internet for basic research; be able to send email and attachments; save information to CD/DVD, flash drive, or other external devices. Students without these skills are required to take MGD 101 Introduction to Computer course focuses on original, personal expression. Student independence is emphasized with regard to use of material and tools and a wide variety of glass.</p> <p>Prerequisite: N/A</p>	<p>3</p>

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<p>AST 101 <i>Fall Enrollment</i></p>	<p>Astronomy I High School Instructor: Jon Christians Focuses on the night sky, the history of astronomy, the tools of the astronomer, and the contents of the solar system, including the planets, moons, and small bodies. Prerequisites: ACT Scores: English 18 and Math 19 SAT Scores: Verbal 470 and Math 500 Accuplacer Scores: Sentence Skills 95 and Elementary Algebra 60 Plans of Study: GT - This class is a guaranteed transfer course under the State gtPathways program http://www.rccc.edu/catalogs/17-18/gt-courses-guarantee-transfer.htm</p>	4
<p>AST 102 <i>Spring Enrollment</i></p>	<p>Astronomy II High School Instructor: Jon Christians Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Prerequisites: ACT Scores: English 18 and Math 19 SAT Scores: Verbal 470 and Math 500 Accuplacer Scores: Sentence Skills 95 and Elementary Algebra 60 Plans of Study: GT - This class is a guaranteed transfer course under the State gtPathways program http://www.rccc.edu/catalogs/17-18/gt-courses-guarantee-transfer.htm</p>	4
<p>CAD 101 <i>Fall and Spring Enrollment</i></p>	<p>Computer Aided Drafting I High School Instructor: Scott J. Aurand Focuses on basic computer-aided drafting skills using the latest release of CAD software. The course includes file management,</p>	3

	<p>Cartesian coordinate system, drawing set-ups, drawing aids, layer usage, drawing geometric shapes, editing objects, array, text applications, basic dimensioning, and Help access.</p> <p>Prerequisite: N/A</p> <p>Plans of Study: This course is a part of the Engineering Graphics Technology Associate of Applied Science Degree at Red Rocks Community and may transfer to other colleges. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates</p>	
<p>CAD 102 <i>Fall and Spring Enrollment</i></p>	<p>Computer Aided Drafting II</p> <p>High School Instructor: Scott J. Aurand</p> <p>Focuses on advanced computer aided drafting skills using the latest release of CAD software. Includes blocks and wblocks, polylines, multilines, polyline editing, advanced editing, editing with grips, hatching, isometric drawings, dimensions and dimension variables, paper space and viewports, templates, external references, and printing/plotting.</p> <p>Prerequisite: CAD 101 or permission from instructor</p> <p>Plans of Study: This course is a part of the Engineering Graphics Technology Associate of Applied Science Degree at Red Rocks Community and may transfer to other colleges. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates</p>	3
<p>AEC 101 <i>Fall and Spring Enrollment</i></p>	<p>Basic Architectural Drafting</p> <p>High School Instructor: Scott J. Aurand</p> <p>Introduces the student to basic architectural drafting techniques. Topics explored in lecture and through project work include: use of instruments, geometric construction, multiview, oblique and isometric projections, and basic construction drawings.</p> <p>Prerequisite: CAD 102 or permission of instructor</p> <p>Plans of Study: This course is a part of the Engineering Graphics Technology Associate of Applied Science Degree at Red Rocks Community and may transfer to other colleges.</p>	4

	http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates	
AEC 102 <i>Fall and Spring Enrollment</i>	Residential Construction Drawing High School Instructor: Scott J. Aurand Examines ideas, sketches, and layouts to create working drawings of a design relative to the certificate of degree program while working within Industry Standards. Projects require full documentation details and the presentation of working drawings. 3D applications are used and "real world" methods are taught through the course of the semester, from basic understanding to the most complex design. Prerequisites: AEC 101 or permission of Instructor Plans of Study: This course is a part of the Engineering Graphics Technology Associate of Applied Science Degree at Red Rocks Community and may transfer to other colleges. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates	4
CAD 202 <i>Fall and Spring Enrollment</i>	Computer Aided Drafting 3D High School Instructor: Scott J. Aurand Focuses on construction of three-dimensional objects using the latest release of CAD software. Includes mesh modeling, surface modeling, solid modeling, extrusions, Boolean operations, 3D editing, 3D views, rendering, materials and advanced lighting, walkthrough and flyby animations and 3D Solids to 2D Layouts. Prerequisites: N/A Plans of Study: This course is a part of the Engineering Graphics Technology Associate of Applied Science Degree at Red Rocks Community and may transfer to other colleges. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates	3
CAD 256 <i>Fall and Spring Enrollment</i>	SolidWorks Basics High School Instructor: Scott J. Aurand	6

	<p>Examines the basics of SolidWorks software to produce parametric models.</p> <p>Prerequisites: N/A</p> <p>Plans of study: This course is a part of the Engineering Graphics Technology Associate of Applied Science Degree at Red Rocks Community and may transfer to other colleges. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates</p>	
<p>CAD 262</p> <p><i>Fall and Spring Enrollment</i></p>	<p>3D Printing</p> <p>High School Instructor: Scott J. Aurand</p> <p>Provides the student with the ability to blend the virtual and real design worlds together through the use of 3D Scanning, 3D CAD Modeling, and 3D Printing.</p> <p>Prerequisites: N/A</p> <p>Plans of Study: This course is a part of the Engineering Graphics Technology Associate of Applied Science Degree at Red Rocks Community and may transfer to other colleges. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates</p>	3
<p>SPA 111</p> <p><i>Spring Enrollment</i></p>	<p>Spanish Language I</p> <p>High School Instructor: Katherine Spaulding</p> <p>Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.</p> <p>Prerequisites: N/A</p> <p>Plans of Study: This course is an elective for the Associate of Arts Degree at Red Rocks Community College and may transfer to other colleges. http://www.rccc.edu/catalogs/17-18/aa-degree-requirements.htm</p>	5