

Conifer High School Concurrent Enrollment Courses

Course	Description	Credits
<p>BIO 111</p> <p><i>Spring Enrollment</i></p>	<p>General College Biology</p> <p>High School Instructor: Christine Stricker</p> <p>Examines the fundamental molecular, cellular, and genetic principles characterizing plants and animals. This course includes cell structure and function and the metabolic processes of cellular respiration, photosynthesis, cell reproduction, and basic concepts of heredity. This course includes laboratory experience.</p> <p>Prerequisites: ACT Scores: English 18 and Math 19 SAT Scores: Verbal 470 and Math 500 Accuplacer Scores: Sentence Skills 95 and Elementary Algebra 60</p> <p>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>	<p>5</p>

<p>BUS 116</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Personal Finance</p> <p>High School Instructor: Amber Hall</p> <p>Surveys the basic personal financial needs of most individuals. The course emphasizes the basics of budgeting and buying, saving and borrowing money, the intricacies of home ownership, income tax and investments, and the wise use of insurance, wills and trusts.</p> <p>Prerequisites: N/A</p> <p>Plans of study: This course is part of the Business Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges http://www.rccc.edu/business</p>	<p>3</p>
<p>CAD 101</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Computer Aided Drafting I</p> <p>High School Instructor: Eric Halingstad</p> <p>Focuses on basic computer-aided drafting skills using the latest release of CAD software. The course includes file management, 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>3</p>
<p>CAD 102</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Computer Aided Drafting II</p> <p>High School Instructor: Eric Halingstad</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>3</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>	
<p>AEC 101</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Basic Architectural Drafting</p> <p>High School Instructor: Eric Halingstad</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. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates</p>	4
<p>AEC 102</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Residential Construction Drawing</p> <p>High School Instructor: Eric Halingstad</p> <p>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.</p> <p>Prerequisites: AEC 101 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. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates</p>	4

<p>CAD 202</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Computer Aided Drafting 3D</p> <p>High School Instructor: Eric Halingstad</p> <p>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.</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>3</p>
<p>CAD 224</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Revit Architecture</p> <p>High School Instructor: Eric Halingstad</p> <p>Provides students with the software application training in AutoDesk Revit necessary to produce 3D architectural models and 2D drawings using AIA standards.</p> <p>Prerequisites: 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. http://www.rccc.edu/engineering-graphics-technology/degrees-and-certificates</p>	<p>3</p>
<p>CAD 256</p> <p><i>Spring Enrollment</i></p>	<p>SolidWorks Basics</p> <p>High School Instructor: Eric Halingstad</p> <p>Examines the basics of SolidWorks software to produce parametric models.</p>	<p>6</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: Eric Halingstad</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>JOU 102</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Intro to Editing</p> <p>High School Instructor: Leslie Thompson</p> <p>Focuses on the process of editing articles for publication in newspapers, newsletters, magazines and the Internet. The Associated Press style is emphasized.</p> <p>Prerequisites: N/A</p> <p>Plans 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. http://www.rccc.edu/journalism/degrees-and-certificates</p>	3
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<p>JOU 114</p> <p><i>Fall and Spring Enrollment</i></p>	<p>TV Production</p> <p>High School Instructor: Leslie Thompson</p> <p>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</p> <p>Prerequisites: MGD 101 or MGD 102 and basic computer skills.</p> <p>Plans 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. http://www.rrcc.edu/journalism/degrees-and-certificates</p>	3
<p>JOU 215</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Publications, Productions and Design</p> <p>High School Instructor: Leslie Thompson</p> <p>Students will participate in the planning, writing, design, and production processes of a non-newspaper publication.</p> <p>Prerequisites: N/A</p> <p>Plans 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. http://www.rrcc.edu/journalism/degrees-and-certificates</p>	3
<p>JOU 221</p> <p><i>Fall and Spring Enrollment</i></p>	<p>Newspaper Design I</p> <p>High School Instructor: Leslie Thompson</p> <p>Provides students with experience in newswriting, editing, design, layout and advertising for newspaper production. Students may be required to work on the college newspaper or other news-oriented publications.</p>	3

	<p>Plans 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. http://www.rrcc.edu/journalism/degrees-and-certificates</p>	
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