

# Kennedy High School

## Concurrent Enrollment Courses

Course	Description	Credits
<p><b>CAD 1101</b></p> <p><i>Fall Enrollment</i></p>	<p><b>Computer Aided Drafting/2D I</b></p> <p><b>High School Instructor: Heather Randall</b></p> <p>Focuses on basic computer aided drafting skills using the AutoCAD software. Includes file management, Cartesian coordinate system &amp; dynamic input, drawing templates, drawing aids, linetype and lineweights, layer usage, drawing &amp; editing geometric objects, polylines &amp; splines, array, text applications, creating tables, basic dimensioning and Help access.</p> <p><b>Prerequisites: None</b></p> <p><b>Plan of Study:</b> This course may be counted towards certain Engineering Graphics Technology degrees and certificates at Red Rocks Community College and may transfer to other colleges.</p> <p><a href="https://rrcc.smartcatalogiq.com/en/current/catalog/academic-programs-and-areas-of-study/engineering-graphics-technology-program/">https://rrcc.smartcatalogiq.com/en/current/catalog/academic-programs-and-areas-of-study/engineering-graphics-technology-program/</a></p>	<p>3</p>
<p><b>CAD 1102</b></p> <p><i>Spring Enrollment</i></p>	<p><b>Computer Aided Drafting/2D II</b></p> <p><b>High School Instructor: Heather Randall</b></p> <p>Focuses on intermediate 2D Computer aided drafting skills using the AutoCAD software. Includes blocks, blocks &amp; dynamic blocks, hatching, isometric drawings, advanced dimensioning and dimension variables, layouts, paper space and viewports, templates, external references, attributes, raster images, &amp; printing/plotting.</p> <p><b>Prerequisites:</b> Grade of C or higher in the following course CAD 1101</p> <p><b>Plan of Study:</b> This course may be counted towards certain Engineering Graphics Technology degrees and certificates at Red Rocks Community College and may transfer to other colleges.</p>	<p>3</p>

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

\*Course offerings subject to change based on instructor availability and approval and required class percentage participation: <https://www.rrcc.edu/high-school-relations/credits-at-highschool>

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<b>CAD 2450</b> <i>Fall Enrollment</i>	<p><b>SolidWorks Basics</b></p> <p><b>High School Instructor: Heather Randall</b></p> <p>Introduces fundamental skills and concepts of SolidWorks software. This course emphasizes the design process and takes a task-based approach to training processes to apply commands, options, and menus necessary to complete a design task.</p> <p><b>Prerequisites: None</b></p> <p><b>Plan of study:</b> This course is part of the Engineering Graphics Mechanical Associate of Applied Science Degree and counts towards certain certificates at Red Rocks Community and may transfer to other colleges.</p> <p><a href="https://www.rcc.edu/engineering-graphics-technology">https://www.rcc.edu/engineering-graphics-technology</a></p>	6

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