

John F. Kennedy High School

Concurrent Enrollment Courses

Course	Description	Credits
CAD 101 <i>Fall Enrollment</i>	Computer Aided Drafting I High School Instructor: Heather Randall 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. Prerequisite: N/A Plan 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. https://www.rccc.edu/engineering-graphics-technology	3
CAD 102 <i>Spring Enrollment</i>	Computer Aided Drafting II High School Instructor: Heather Randall 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. Prerequisite: N/A Plan 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. https://www.rccc.edu/engineering-graphics-technology	3

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

<p>CAD 256</p> <p><i>Spring Enrollment</i></p>	<p>SolidWorks Basics</p> <p>High School Instructor: Heather Randall</p> <p>Examines the basics of SolidWorks software to produce parametric models.</p> <p>Prerequisites: N/A</p> <p>Plan 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. https://www.rccc.edu/engineering-graphics-technology</p>	<p>6</p>
<p>CCR 092</p> <p><i>Fall Enrollment</i></p>	<p>College Composition and Reading</p> <p>High School Instructors: Mackenzie Clarke</p> <p>Integrates and contextualizes college level reading and writing. Students will read and understand complex materials and respond to ideas and information through writing informative and/or persuasive texts.</p> <p>Prerequisites (one of the following scores): Seniors only Accuplacer Next Gen: Writing 225</p> <p>Plan of Study: This course does not apply to any Associate degrees or certificates at RRCC, but with a passing grade will allow students to move into college level ENG 121.</p>	<p>5</p>
<p>ENG 121</p> <p><i>Spring Enrollment</i></p>	<p>English Composition I</p> <p>High School Instructor: Mackenzie Clarke</p> <p>Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. Composition assignments stress analytical, evaluative, and persuasive/argumentative writing.</p> <p>Prerequisites (one of the following scores or exemptions):</p>	<p>3</p>

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	<p>ACT Scores: English 18 SAT Scores: Verbal 470 Accuplacer Next Gen: Writing 246 High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. English 11 or 12 with a B or better in both semesters.</p> <p>Plan of Study: GT - This class is a guaranteed transfer course under the State gtPathways program https://rrcc.smartcatalogiq.com/2019-2020/Catalog/GT-Courses-Guarantee-Transfer</p>	
<p>ENG 122</p> <p><i>Spring Enrollment</i></p>	<p>English Composition II</p> <p>High School Instructor: Mackenzie Clarke</p> <p>Expands and refines the objectives of English Composition I. The course emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research.</p> <p>Prerequisite:</p> <p>College course: ENG 121- English Composition with a grade of C or higher</p> <p>Plan of Study: GT - This class is a guaranteed transfer course under the State gtPathways program https://rrcc.smartcatalogiq.com/2019-2020/Catalog/GT-Courses-Guarantee-Transfer</p>	3
<p>MAT 121</p> <p><i>Fall Enrollment</i></p>	<p>College Algebra</p> <p>High School Instructor: Alicia Morris</p> <p>Focuses on a variety of functions and the exploration of their graphs. Topics will include: equations and inequalities, operations on functions, exponential and logarithmic functions, linear and non-linear systems, and an introduction to conic sections. This course provides essential skills for STEM pathways. Students cannot receive credit for both MAT 166 and MAT 121. Contact the math department chair with questions about these credits.</p> <p>Prerequisites: (one of the following scores or exemptions): ACT Scores: Math 23</p>	4

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	<p>SAT Scores: Math 590</p> <p>Accuplacer Next Gen scores: Advanced Algebra/Functions 245</p> <p>High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. Pre-Calculus, or Calculus with a grade of B or better in both semesters.</p> <p>Plan of Study: GT - This class is a guaranteed transfer course under the State gtPathways program https://rrcc.smartcatalogiq.com/2019-2020/Catalog/GT-Courses-Guarantee-Transfer</p>	
<p>MAT 122</p> <p><i>Spring Enrollment</i></p>	<p>College Trigonometry</p> <p>High School Instructor: Alicia Morris</p> <p>Explores trigonometric functions, their graphs, inverse functions and identities. Topics will include: trigonometric equations, solutions of triangles, trigonometric form of complex numbers, and polar coordinates. This course provides essential skills for STEM pathways. Students cannot receive credit for both MAT 166 & MAT 122. Contact the math department chair with questions about this.</p> <p>Prerequisites (one of the following college courses, scores or exemptions:</p> <p>College Course: MAT 121-College Algebra with a grade of C or higher ACT: Math 24 SAT: Math 610 Accuplacer Next Gen: Math NGAF 280</p> <p>Plan of Study: GT - This class is a guaranteed transfer course under the State gtPathways program https://rrcc.smartcatalogiq.com/2019-2020/Catalog/GT-Courses-Guarantee-Transfer</p>	3
<p>MGD 101</p> <p><i>Fall/Spring Enrollment</i></p>	<p>Introduction to Computer Graphics</p> <p>High School Instructor: Peter Stumpp</p> <p>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.</p>	3

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

	<p>Prerequisites: N/A</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.</p> <p>https://www.rrcc.edu/multimedia</p>	
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