<table>
<thead>
<tr>
<th>High School</th>
<th>Core Academic Courses*</th>
<th>Career Path Courses</th>
<th>Suggested Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>English 9, American Government or Geography, Earth Science, Algebra 1 or Algebra Principles or Honors Algebra 1, Physical Education</td>
<td>CADD Applications Basic, CADD Applications Intermediate</td>
<td>Basic Drawing</td>
</tr>
<tr>
<td>10th</td>
<td>English 10, American History, Biology, Geometry or Geometry or Principles, or Honors Geometry</td>
<td>CADD Architecture Intermediate, CADD 3-Dimensional Applications</td>
<td>Drawing Intermediate, Business Fundamentals</td>
</tr>
<tr>
<td>11th</td>
<td>English 11, Algebra 2 or Honors Algebra 2 or Algebra 2 for Process Science, World History</td>
<td>Math Modeling in CADD 3-D Architecture, Construction Technology</td>
<td>Interior Design, Business Law</td>
</tr>
<tr>
<td>12th</td>
<td>English 12, Government/Economics, Math Analysis/Trigonometry</td>
<td>Project Lead the Way – Civil Engineering/Architecture</td>
<td>Computer Applications, Forensics</td>
</tr>
</tbody>
</table>

**Secondary to Postsecondary Linkages & Certifications**

**Postsecondary Credit Options:**
- Computer Aided Drafting I and II (CAD 101 and 102);
- Drafting & Design I and II (EGT 230 and 231);
- Intro to Energy Technologies (ENY 101) and Green and Sustainable Building (ENY 205)

**Red Rocks Community College Department of High School Relations:** For more information on postsecondary course options for high school students and for admission to RRCC, please contact Ernie Navarette at 303-914-6320 or ernie.navarette@rrcc.edu.

*** This document is a guide only. It does not act as a legally binding contract.
**Pathway: Design/Pre-Construction**

**Career Goal (O*Net Code):**
17-1011.00 Architects  
17-3011.00 Architectural and Civil Drafters  
17-3011.01 Architectural Drafters  
173011.02 Civil Drafters  
17-3019.99 Drafters  
17-1012.00 Landscape Architects

**Plan of Study: Architect**

**Relevant Occupational Experience**
(Your Life Experiences may be worth College Credit!):  
**CCCSS Credit for Prior Learning Guide**

Contact Delia Ochoa (delia.ochoa@rrcc.edu) for inquiries concerning earning college credit for life experience in computer aided drafting.

**LMI Gateway Link to Related Occupations**

### Possible Pathways to your Career!

<table>
<thead>
<tr>
<th>Program Length (<em>Based on meeting Program Entrance Requirements</em>)</th>
<th>Estimated Tuition</th>
<th>Career Options</th>
<th>Salary Range</th>
</tr>
</thead>
</table>
| Intro to AutoCAD  
Architectural  
Civil  
Revit  
Drafting  
Sustainable Design Applications | 6 cr.  
27 cr.  
15 cr.  
6 cr.  
17 cr.  
6 cr. | $802  
$3,496  
$1,957  
$802  
$2213  
$802 | Architectural Drafters, Civil Drafters  
Model Builder, Renderer | $ - $$ |

<table>
<thead>
<tr>
<th>Associate Degree(s)</th>
<th>Estimated Tuition</th>
<th>Career Options</th>
<th>Salary Range</th>
</tr>
</thead>
</table>
| Architectural  
Civil | Both degrees are 61 credits | $7667 | Building Code Official, Surveying Mapping Technician, Civil Engineering Technicians | $ - $$$ |

**Articulation Opportunities to Advanced Degrees:**

| Advanced Degree(s) | Cost Estimator, Electrical Engineer, Landscape Designer, Urban Planner | For more information about colleges that have these programs go to [www.CollegeinColorado.org](http://www.CollegeinColorado.org) | $ - $$$ |

- **Bachelor’s Degrees:**  
  Landscape Architecture, Civil Engineering, Architectural Engineering, Architecture, Civil Engineering, Civil, Electrical, Environmental & Mechanical Engineering, Civil Engineering Technology

  **Associates Degree + 60+ Credits**  
  For more information about colleges that have these programs go to [www.CollegeinColorado.org](http://www.CollegeinColorado.org)

- **Graduate Degree: Horticulture and Landscape Architecture, MS, Civil, environmental & architectural engineering, MS & PhD, Civil Engineering, MS, ME, PhD, Architecture, M. Arch., Landscape Architecture, M.L.A., Civil Engineering, MS, PhD**  
  **Bachelor’s Degree + 30 or more credits**  
  For more information about colleges that have these programs go to [www.CollegeinColorado.org](http://www.CollegeinColorado.org)  
  Architects, Civil Engineers, Industrial Designer, Preservationist, Structural Engineer, Instructor/Professor | $-$$$$ |
**Support Structures:**
Childcare facilities, Counseling Services, Tutoring Services, Academic Advising and Career Counseling
[http://www.rrcc.edu/advising/](http://www.rrcc.edu/advising/)

**Financial Aid:**
Federal Student Loans, Pell Grant, RRCC Foundation Grant
[http://www.rrcc.edu/finaid/](http://www.rrcc.edu/finaid/)

**Professional Affiliations**
American Institute of Architects
American Institute of Contractors
Associated Builders and Contractors
Associated General Contractors
Construction Management Association
Design Build Institute of America
Society of Women in Construction
Colorado Society of Architects

**Practical Learning Experiences:**
Job Shadowing
Internship
Construction Clean-up
Habitat for Humanity
Painter

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* Red Rocks Community College is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools.

* Red Rocks Community College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Bill Dial, Director of HR, Red Rocks Community College, 13300 W. 6th Ave., Lakewood, CO 80228

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**Career & Technical Education** is delivered through the Colorado Community College System [www.cccs.edu](http://www.cccs.edu)