Computer Aided Design - Building Information Modeling

ESTIMATED SALARIES
(Based on Colorado Dept. of Labor Occupational Outlook Handbook)

<table>
<thead>
<tr>
<th>Entry Level</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td>$16.63/hr</td>
<td>$41.97/hr</td>
</tr>
<tr>
<td>$34,590/yr</td>
<td>$87,300/yr</td>
</tr>
</tbody>
</table>

ESTIMATED PROGRAM COST

$4,158
Additional material and book fees may apply.

RELATED JOB TITLES
Drafter/Draftperson for Architects, Engineers, Civil Engineers, Mechanical Engineers, and Landscape Architects
CAD Operator • Construction Analyst
Drafting Technician • CAD Specialist

POTENTIAL INDUSTRIES
Architects • Civil Engineers • Mechanical Engineers
Interior Design Companies • Landscape Architect Firms
Construction Contractors
Electrical Contractors • Fire System Design Firms

PROGRAM DESCRIPTION
The Computer Aided Design (CAD) - Building Information Modeling (BIM) program is based on the fast-paced Architecture/Engineering/Construction (AEC) industry and is geared toward empowering individuals with an invaluable skill set to step into the AEC world. The program provides an intensive exploration of residential and commercial drafting using BIM and AEC workflow. Students explore AEC project principles and construction drawing basics. A foundation of basic CAD-BIM classes are offered to support the main focus of 3D modeling skills in a highly technical environment. Students will learn relevant skills and technical knowledge in 2D Computer Aided Drafting, 3D BIM Modeling, AutoCAD, SketchUp, and Revit software applications.

• Prepare for a career in architecture, engineering or construction using cutting-edge technology
• Learn building project principles and the basics of construction drawing
• Be at the forefront of the design industry with three-dimensional modeling knowledge
• Use state-of-the-art computer software to convert designs into technical drawings and plans
• Excellent for professionals who want to upgrade their construction and remodeling skills, e.g., architects, landscapers, interior designers, civil engineers, and project managers

The CAD-BIM program is located at 1205 Osage Street, Denver.

APPLY TODAY!
1860 Lincoln Street Downtown Denver
Questions? 720-423-4702
CAD - Building Information Modeling

Qualified Federal Financial Aid Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEC 107</td>
<td>Print Reading Residential/Commercial.</td>
<td>3</td>
</tr>
<tr>
<td>CAD 101</td>
<td>Computer Aided Drafting I</td>
<td>3</td>
</tr>
<tr>
<td>CAD 115</td>
<td>SketchUp</td>
<td>3</td>
</tr>
<tr>
<td>AEC 121</td>
<td>Construction Materials and Systems</td>
<td>3</td>
</tr>
<tr>
<td>AEC 218</td>
<td>Sustainable Building Systems</td>
<td>3</td>
</tr>
<tr>
<td>CAD 224</td>
<td>Revit Architecture</td>
<td>3</td>
</tr>
<tr>
<td>MGD 111</td>
<td>Adobe Photoshop</td>
<td>3</td>
</tr>
<tr>
<td>AEC 236</td>
<td>International Building Codes</td>
<td>3</td>
</tr>
<tr>
<td>CAD 227</td>
<td>Advanced Revit Architecture</td>
<td>3</td>
</tr>
<tr>
<td>BUS 217</td>
<td>Business Communication &amp; Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>CAD 219</td>
<td>3DS MAX</td>
<td>3</td>
</tr>
<tr>
<td>AEC 255</td>
<td>Professional Seminar &amp; Portfolio</td>
<td>3</td>
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TOTAL PROGRAM CREDITS: 36

Estimated Program Cost: $4,158.00

Additional material and book fees may apply. Please see advisor for exact costs.

Program Start Dates:

**Full-Time (M-Th, 7:30am - 4:00pm)**
- 08/21/2017 - 02/14/2018
- 09/18/2017 - 03/20/2018
- 01/08/2018 - 06/18/2018
- 02/13/2018 - 07/19/2018

**Part-Time (M-Th 7:30am - 11:30am, 12:00pm - 4:00pm)**
- 8/21/2017 - 7/2/2018
- 10/25/2017 - 11/01/2018
- 1/31/2018 - 12/01/2018
- 5/8/2018 - 04/01/2019

REGISTRATION
Contact an advisor by calling 720-423-4702.

FINANCIAL AID
Call the Financial Aid Office at 720-423-4744 for information regarding the types of aid available for this course/program.

START COLLEGE HERE
Students who have completed an EGTC program/certificate may be eligible to transfer program credits to a Colorado community college that can be applied toward earning an Associate of Applied Sciences or Associate of General Studies Degree.

CONCURRENT ENROLLMENT
High school students may qualify for free tuition through our CE program. Students should check with their guidance counselor to learn more.

Non-Discrimination Policy
Emily Griffith Technical College does not and shall not discriminate on the basis of race, color, religion (creed), gender, gender expression, age, national origin (ancestry), disability, marital status, sexual orientation, or military status, in any of its activities or operations.

Política de no discriminación: el Instituto Técnico Emily Griffith (EGTC) no discrimina por motivos de raza, grupo étnico, creencias religiosas, sexo, edad, condición de veterano de guerra, discapacidad u orientación sexual.

Americans with Disabilities Act and EGTC Compliance
The Americans with Disabilities Act prohibits discrimination based on disability in admission to, access to and the operation of programs, services or activities at EGTC. The college is committed to providing an environment where students have the opportunity to attain their educational goals. EGTC provides both physical and programmatic access for all students. Reasonable accommodations will be made in instructional delivery and evaluation methods to ensure full educational opportunities for students. Appropriate documentation of a student's disability is required.

Questions, complaints and requests for additional information may be directed to Disability/Learning Services at 720-423-4702 or DSS@emilygriffith.edu.

To learn more about how to request an accommodation and our special services, please refer to our website, www.emilygriffith.edu.

6/17 INFORMATION SUBJECT TO CHANGE