PROGRAM OF STUDY
Architectural Drafting and Design Certificate of Achievement: 12 to 17.5 units

This certificate will help students prepare for a future in architectural drafting and design as an entry level architectural drafter in the residential and commercial building industry using Building Information Modeling (BIM) and will prepare students for continuation in the Digital Design Graphics Technology Program. Upon successful completion of the required classes for the Architectural Drafting and Design Certificate, students will be prepared for employment in Architecture, Construction and Engineering Fields as Drafting Technicians, Designers, Building Information Modeling (BIM) Coordinators, or BIM Technicians. Students will have the ability to communicate successfully using industry standards and terminology and successfully create 2D drawing sets based off of 3D Building Information Models using the latest release of the Autodesk Revit Architecture software. Students will have the ability to communicate successfully using industry standards and terminology and successfully create 2D and 3D drawing sets using the latest release of the Autodesk AutoCAD software.

Career Opportunities in Digital Design Graphics Technology
Computer Aided Drafting (CAD) and Building Information Modeling (BIM) in the Architecture, Construction, and Engineering fields.

Required Courses:
DDGT 120  Digital Design Graphics Technology 1  7
DDGT 230  Digital Architectural Drafting & Design 1  5
DDGT 231  Digital Architectural Drafting & Design 2  5

Notes:
1. DDGT 120 is not a prerequisite for DDGT 230 or 231 and can be taken independently.
2. DDGT 230 and 231 must be taken sequentially.
3. The software taught and utilized in this program may be subject to change to reflect current industry standards.

Total Units 17

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<tr>
<th>Program Outcomes</th>
<th>Assessments</th>
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<tbody>
<tr>
<td>1. Perform architectural drafting and design specific skills.</td>
<td>Assessment methods include: working drawings and digital graphics.</td>
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<tr>
<td>2. Learn and effectively apply current architectural drafting and design technology.</td>
<td>Assessment methods include: Autodesk Certificates of Achievement, working drawings, and digital graphics.</td>
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<tr>
<td>3. Create physical and digital architectural media.</td>
<td>Assessment methods include: working drawings and digital graphics.</td>
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