

# ARCHITECTURAL CAD DRAFTING CERTIFICATE IN APPLIED SCIENCE

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## Overview

### Program Description

This program will train students in the use of AUTOCAD and REVIT software, as well as manual drafting, which will be utilized by local companies in the architectural field to produce construction drawings.

### Mission Statement

The mission of the Architectural CAD Drafting Certificate is to provide students with a foundation of architectural and construction drawings, to be proficient in AUTOCAD and REVIT software and with the technical skills to produce new or edit existing architectural drawings that will be used in the construction of residential, commercial, institutional or infrastructural projects.

### Entrance Requirements

High school diploma or GED

### Type of Program

Day or evening

### Employment Opportunities

Architectural and engineering firms, construction companies, retail and wholesale suppliers of building materials

Visit our web page at <https://www.gvltec.edu/aet/>.

### Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester.

Please see your advisor to map out your own personalized progression toward graduation.

**Note:** This program begins in the **summer semester**. Please contact your advisor for recommended evening schedules.

First Semester		Hours
AET 127	Building Information Modeling	3
<b>Total Semester Hours</b>		<b>3</b>
Second Semester		
AET 110	Architectural Graphics I	3
AET 221	Architectural Computer Graphics II	4
<b>Total Semester Hours</b>		<b>7</b>
Third Semester		
AET 111	Architectural Computer Graphics I	3
AET 231	Architectural Computer Graphics III	4
<b>Total Semester Hours</b>		<b>7</b>
<b>Total Required Credit Hours</b>		<b>17</b>