

3-D Modeling CAD Design Certificate in Applied Science

Mission Statement:

The mission of the 3-D Modeling CAD Design certificate is to provide students with a foundation of industrial 3-D Solid Modeling CAD skills, along with rapid prototyping, in order to contribute in the work place as a CAD design technician.

Entrance Requirements:

Acceptable placement test score(s), plus high school diploma or GED

Type of Program:

Day or evening

Employment Opportunities:

Manufacturing, engineering companies, product design and machine design companies.

- This program will train students in the use of Solid Works and CATIA CAD software, which will be utilized by local companies in the machine design, automotive, and aerospace industries.

Recommended Program Schedule

First Semester

EGR	130	Engineering Technology Applications & Programming	3.0
EGR	210	Introduction to Engineering CAD	3.0
EGT	110	Engineering Graphics I*	4.0

Second Semester

EGT	115	Engineering Graphics II	4.0
EGR	275	Introduction to Engineering/Computer Graphics	3.0

Third Semester

EGT	245	Principles of Parametric CAD	3.0
EGT	252	Advanced CAD	3.0

Total Required Credit Hours: 23.0

* EGT 110 requires placement into RDG 032 and placement into MAT 105.

Note: Please contact your advisor for recommended evening schedules.

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.