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 workplace 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.gvtec.edu/gainful-employment/ for important information about the educational debt, earnings and graduation rates of students who attended programs.