

Drafting & CAD Design Fundamentals Certificate in Applied Science

Mission Statement:

The mission of the Drafting & CAD Design Fundamentals certificate is to provide students with the basic skills of 2-D industrial drafting & CAD, along with manufacturing practices, in order to contribute in the work place as an entry-level CAD 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 is designed to provide basic manual and computer-aided drafting skills training.

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	175	Manufacturing Processes	3.0

Third Semester

EGT	119	Geometrics	3.0
EGT	127	Descriptive Geometry for Drafters	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.