CNC Machine Operator Certificate in Applied Science

Mission Statement:
The mission of the Machine Tool Technology program is to provide the college's local service area with a pool of skilled entry-level machinists, toolmakers, CNC operators and CNC programmers. The program will graduate students who can enter the job force with little supervision and will be trained on equipment that is current with industry.

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

Type of Program:
Day or evening

Employment Opportunities:
Large and small machine shops, manufacturing companies

• This program teaches machine controls, setting tools and machine limits and capabilities.

Recommended Program Schedule

First Semester - Fall
MTT 105 Machine Tool Math Applications 3.0
MTT 120 Machine Tool Print Reading 3.0
MTT 121 Machine Tool Theory I 3.0
MTT 122 Machine Tool Practice I 4.0

Second Semester - Spring
MTT 243 Advanced Dimensional Metrology for Machinists 3.0
MTT 250 Principles of CNC 3.0
MTT 251 CNC Operations 3.0

Third Semester - Summer
MTT 145 Machining of Metals 3.0
MTT 252 CNC Setup and Operations 4.0

Fourth Semester - Fall
MTT 253 CNC Programming and Operations 3.0

Total Required Credit Hours: 32.0

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.