

Basic Machine Operations 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 trains students in basic machine tool operations and the use of precision measuring instruments for entry-level production machine operator positions.

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	124	Machine Tool Practice II	4.0
MTT	243	Advanced Dimensional Metrology for Machinists	3.0

Total Required Credit Hours:

20.0

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.