

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
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Total Required Credit Hours:

32.0

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.