



## Basic Machine Operator Certificate (BM01)- 22 Credit Hours

### Program Description:

The Basic Machining Operator certificate program prepares students for entry-level machine shop employment by providing the knowledge and skills in basic machining operations. Instruction is provided in blueprint reading; lathe, mill, and surface grinder operation; mathematical functions; and an introduction to the machine tool industry. Graduates may find employment as machinists or in the machine tool industry.

Salaries in this occupation are estimated at \$38,470 – 49,800 per year. (BLS.gov May 2022)

### Contact:

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### Website:

<https://www.westgatech.edu/program-explorer/manufacturing-and-production/precision-machining-and-manufacturing/>

### Pre-Diploma Requirements

#### Program Specific

- Min GPA 2.0
- Carrollton, CEC (Newnan), and LaGrange Campus
- Prerequisites – Minimum Grade of C required

### Set the Track, Start the Track, Stay on Track

*Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer; ALL=any semester*

✓	Grade	Semester 1	S	CR	Notes & Milestones
		MCHT 1011 Introduction to Machine Tool	ALL	4	
		MCHT 1012 Print Reading for Machine Tool	ALL	3	
		MCHT 1013 Machine Tool Math	ALL	3	
				10	Program Semester Hours
✓	Grade	Semester 2	S	CR	Notes & Milestones
		MCHT 1020 Heat Treatment and Surface Grinding	ALL	4	
		MCHT 1119 Lathe Operations I	ALL	4	
		MCHT 1120 Mill Operations I	ALL	4	
				12	Program Semester Hours

Always check online <https://www.westgatech.edu/> and meet with your Advising or Faculty Coach to ensure you are viewing the latest and most accurate information.

**Employment Opportunities:** <https://www.westgatech.edu/student-life/career-services/>

**Financial Aid by Program:** <https://www.westgatech.edu/wp-content/uploads/2019/02/WGTC-Available-Aid-By-Program-11-17-2023.pdf>

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