



Manufacturing Systems Technician (MD71)- 16 Credit Hours

Program Description:

The Manufacturing Systems Technician certificate program prepares students to set up, operate, troubleshoot, maintain, and repair flexible manufacturing systems. Topics include flexible manufacturing system electrical, electronic, and mechanical principles; manufacturing control processes; basic maintenance procedures; and effective debugging and troubleshooting techniques. Students will have the opportunity to plan and prepare the construction and operation of a flexible automated system, as well as work in teams assembling and operating automated production system cells. *Graduates may find entry-level employment as instrumentation technicians, electrical technicians, instrument mechanics, or industrial maintenance technicians in a variety of settings that require automated manufacturing skills.* Initial salaries in this field are estimated to begin at \$48,180. (BLS.gov May 2022).

Contact:

John Callaway, Program Chair
706-756-4677
John.Callaway@westgatech.edu

Website:

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

Pre-Diploma Requirements

Program Specific

- Min GPA 2.0
- Carrollton, Coweta 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
		IDSY 1101 DC Circuit Analysis	ALL	3	
		IDSY 1105 AC Circuit Analysis	ALL	3	
				6	Program Semester Hours
✓	Grade	Semester 2	S	CR	Notes & Milestones
		AUMF 1110 Flexible Manufacturing Systems I	ALL	5	
		AUMF 1210 Flexible Manufacturing Systems II	ALL	5	
				10	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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