

Manufacturing Systems Technician Certificate (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:

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Website:

https://www.westgatech.edu/progra m-explorer/manufacturing-andproduction/precision-manufacturingand-maintenance/

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 ✓ Grade Semester 2 S CR Notes & Milestones ✓ Grade Semester 2 S CR Notes & Milestones ✓ Grade Semester 2 S CR Notes & Milestones ✓ Grade Semester 2 S CR Notes & Milestones ✓ Grade Semester 1 ALL 5 Image: Semester 1 S S ✓ Grade Semester 1 S CR Notes & Milestones ✓ IDSY 1105 AC Circuit Analysis ALL 3 Image: Semester 1 S S ✓ <	Pre-Certificate Requirements							
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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: <u>https://www.westgatech.edu/wp-content/uploads/2019/02/WGTC-Available-Aid-By-</u> Program-11-17-2023.pdf

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