



Industrial Instrumentation Technician Certificate (IIT1)- 22 Credit Hours

Program Description:

The Industrial Instrumentation Technician certificate program provides knowledge and skills to install, configure, calibrate, repair, maintain, and troubleshoot electrical instruments and equipment. Emphasis is placed on principles and practices of instrumentation for industrial process control systems and for communications, networking, and signal transmission systems. 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 are estimated to begin at \$48,180. (BLS.gov May 2022).

Contact:

Matt Beach, Instructor
770-836-4707
matt.beach@westgatech.edu

Website:

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

| Pre-Certificate Requirements | | | | | |
|--|-------|---|-----|-----------|-------------------------------|
| Program Specific | | | | | |
| <ul style="list-style-type: none"> Min GPA 2.0 Carrollton, Coweta and LaGrange Campus Prerequisites – Minimum Grade of C required | | | | | |
| Set the Track, Start the Track, Stay on Track | | | | | |
| <i>Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer; ALL=any semester</i> | | | | | |
| ✓ | Grade | Semester 1 | S | CR | Notes & Milestones |
| | | IDSY 1101 DC Circuit Analysis | ALL | 3 | |
| | | IDSY 1105 AC Circuit Analysis | ALL | 3 | |
| | | IDSY 1110 Industrial Motor Controls I | ALL | 4 | |
| | | | | 10 | Program Semester Hours |
| ✓ | Grade | Semester 2 | S | CR | Notes & Milestones |
| | | IDSY 1120 Basic Industrial PLCs | ALL | 4 | |
| | | IDSY 1230 Industrial Instrumentation | ALL | 4 | |
| | | IDSY 2830 Networking Industrial Equipment | 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>

As set forth in its student catalog, West Georgia Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member, or citizenship status (except in those special circumstances permitted or mandated by law). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Equity (Title IX) Coordinator, Dean of Students, 770.537.5722, 176 Murphy Campus Blvd., Waco, GA 30182. ADA (Section 504) Coordinator for Students: Career and Student Support Services Manager, 770.824.5245, 176 Murphy Campus Blvd., Waco, GA 30182, for Employees: Human Resources Manager, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182.