



## 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:**

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**Website:**

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

**Campus:**

Carroll, Coweta, and LaGrange campus

<b>Set the Track, Start the Track, Stay on Track</b>					
<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>					
✓	<b>Grade</b>	<b>Semester 1</b>	<b>S</b>	<b>CR</b>	<b>Notes &amp; Milestones</b>
		IDSY 1101 DC Circuit Analysis	ALL	3	Prerequisite must be passed with a "C" or higher
		IDSY 1105 AC Circuit Analysis	FA, SP	3	
				<b>6</b>	<b>Program Semester Hours</b>
✓	<b>Grade</b>	<b>Semester</b>	<b>S</b>	<b>CR</b>	<b>Notes &amp; Milestones</b>
		IDSY 1112 Motor Controls I <b>-OR-</b> IDSY 1110	FA, SP	4	Prerequisite must be passed with a "C" or higher
		IDSY 1230 Instrumentation	FA, SP	4	
				<b>8</b>	<b>Program Semester Hours</b>
✓	<b>Grade</b>	<b>Semester 2</b>	<b>S</b>	<b>CR</b>	<b>Notes &amp; Milestones</b>
		IDSY 2000 PLC I <b>-OR-</b> IDSY 1120	FA, SP	4	Prerequisite must be passed with a "C" or higher
		IDSY 2830 Networking Industrial Equipment	FA	4	
				<b>8</b>	<b>Program Semester Hours</b>
Always check online <a href="https://www.westgatech.edu/">https://www.westgatech.edu/</a> 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/financial-aid/types-of-aid/>

As set forth in its student catalog, West Georgia Technical College complies with the Technical College System of Georgia (TCSG). The TCSG State Board prohibits discrimination on the basis of an individual's age, color, disability, genetic information, national origin, race, religion, sex, or veteran status ("protected status"). No individual shall be excluded from participation in, denied the benefits of, or otherwise subjected to unlawful discrimination, harassment, or retaliation under, any TCSG program or activity because of the individual's protected status; nor shall any individual be given preferential treatment because of the individual's protected status, except the preferential treatment may be given on the basis of veteran status when appropriate under federal or state law. The following person(s) has been designated to manage inquiries regarding the nondiscrimination policies: Equity (Title IX) Coordinator: Melinda Hofius, Assistant Vice President of Student Affairs 770.537.5722, 176 Murphy Campus Blvd., Waco, GA 30182; ADA (Section 504) Coordinators: Students: Zelma Jones, Career and Student Support Services Director, 770.824.5245, 176 Murphy Campus Blvd., Waco, GA 30182, [Student504@westgatech.edu](mailto:Student504@westgatech.edu), Employees: Teresa Jiles, Assistant Director of Human Resources, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182, [wgtchr@westgatech.edu](mailto:wgtchr@westgatech.edu).