



## Electrical Maintenance Technician (EM81)- 18 Credit Hours

**Program Description:**

The Electrical Maintenance Technician Technical Certificate of Credit provides instruction in industrial systems electrical inspection, maintenance, service, and repair. Topics include DC and AC fundamentals, motor controls, magnetic starters and braking systems, PLCs, and industrial wiring procedures. Graduates may find entry-level employment as industrial maintenance technicians/electricians. Starting salary for this occupation is estimated to be \$38,900. (BLS.gov May 2022)

**Contact:**

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**Website:**

<https://www.westgatech.edu/program-explorer/manufacturing-and-production/industrial-systems-technology/>

Pre-Certificate Requirements					
Program Specific					
<ul style="list-style-type: none"> <li>Min GPA 2.0</li> <li>Carrollton, CEC (Newnan), and LaGrange Campus</li> <li>Prerequisites – Minimum Grade of C required</li> </ul>					
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	
				<b>10</b>	<b>Program Semester Hours</b>
✓	Grade	Semester 2	S	CR	Notes & Milestones
		IDSY 1120 Basic Industrial PLCs	ALL	4	
		IDSY 1130 Industrial Wiring	ALL	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/wp-content/uploads/2019/02/WGTC-Available-Aid-By-Program-11-17-2023.pdf>

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