



## Engineering Technology Degree (ET33)- 61 Credit Hours Electrical Specialization

**Program Description:**

The Engineering Technology associate degree program is intended to provide the opportunity for students to explore a career in engineering at the professional level. Program graduates will be qualified as engineering technicians with a specialization in mechanical engineering technology, electrical engineering technology, or industrial engineering technology. Graduates may seek employment as entry-level engineering technicians in a variety of industrial or manufacturing fields. Starting salaries are estimated to start at \$43,930 (BLS.gov May 2022).

**Contact:**

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**Website:**

<https://www.westgatech.edu/program-explorer/architecture-and-engineering/Engineering-Technology/>

Pre-Degree Requirements					
Program Specific					
<ul style="list-style-type: none"> <li>Min GPA 2.0</li> <li>Carrollton 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
		ENGL 1101 Composition and Rhetoric	ALL	3	
		MATH 1111 College Algebra	ALL	3	
		SPCH 1101 Public Speaking	ALL	3	
		ENGT 1000 Introduction to Engineering	FA	3	
		ECET 1101 Circuit Analysis	FA	4	
				<b>16</b>	<b>Program Semester Hours</b>
✓	Grade	Semester 2	S	CR	Notes & Milestones
		MATH 1113 Precalculus	FA,SP	3	Prerequisite - MATH 1111 with a minimum grade of C
		ECET 1110 Digital Systems	SP	4	Prerequisite - ENGT 1000 with a minimum grade of C
		ECET 2101 Circuit Analysis	SP	4	Prerequisites - ECET 1101 and MATH 1111 with a minimum grade of C
		DFTG 2010	FA, SP	4	
				<b>15</b>	<b>Program Semester Hours</b>

✓	Grade	Semester 3	S	CR	Notes & Milestones
		ENGL 1102 Literature and Composition	ALL	3	Prerequisite – ENGL 1101
		HIST 1111 World History I (to 1500) or HIST 1112 World History II (since 1500)	ALL	3	
		ARTS 1101 Art Appreciation – OR – MUSC 1101 Music Appreciation	ALL ALL	3 3	
		ECET 2120 Electronic Circuits I	SU	4	
				<b>13</b>	<b>Program Semester Hours</b>
✓	Grade	Semester 4	S	CR	Notes and Milestones
		MATH 1131 Calculus I	FA	4	Prerequisite MATH 1112 or MATH 1113
		PHYS 1111 Introductory Physics I – AND – PHYS 1111L Introductory Physics I Lab	FA	3 1	Prerequisites – MATH 1113 and ENGL 1101. Must complete lecture and lab in the same semester
		CHEM 1211 Chemistry I – AND- CHEM 1211L Chemistry I Lab	ALL	3 1	Prerequisite MATH 1111, 1103 or 1101 Must Complete lecture and lab in the same semester.
				<b>12</b>	<b>Program Semester Hours</b>
✓	Grade	Semester 5	S	CR	Notes and Milestones
		ENGL 1105 Workplace and Technical Communications	FA,SP	4	Prerequisite ENGL 1101
		MATH 1132 Calculus II	SP	4	Prerequisite MATH 1131
		PHYS 1112 Introductory Physics II – AND- PHYS 1112L Introductory Physics II Lab	SP	3 1	Prerequisites – PHYS 1111 and PHYS 1111L Must complete lecture and lab in the same semester
				<b>12</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>

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.