



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

Program Description:

The Engineering Technology Program is intended to provide the opportunity for students to explore a career in engineering at the professional level. Program graduates will receive an Associate of Applied Science degree in Engineering, qualifying them 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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 678-664-0560

Website:

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

Campus:

Carroll campus

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
 General Education Courses may rotate among the following locations: Carroll, Coweta, Douglas, LaGrange, and Murphy*

✓	Grade	Semester 1	S	CR	Notes & Milestones
		ENGL 1101 Composition and Rhetoric	ALL	3	Prerequisites must be passed with a "C" or higher
		MATH 1111 College Algebra	ALL	3	
		SPCH 1101 Public Speaking	ALL	3	
		ENGT 1000 Introduction to Engineering	FA	3	
		ECET 1101 Circuit Analysis I	FA	4	
				16	
✓	Grade	Semester 2	S	CR	Notes & Milestones
		MATH 1113 Precalculus	FA, SP	3	Prerequisite MATH 1111
		DFTG 2010 Engineering Graphics	FA	4	Online
Choose One:					
		ECET 1110 Digital Systems I	SP	4	Prerequisite ENGT 1000
		ECET 2101 Circuit Analysis II	SP	4	Prerequisite ECET 1101, MATH 1111
				15	Program Semester Hours
✓	Grade	Semester 3	S	CR	Notes & Milestones
		ENGL 1102 Literature and Composition	ALL	3	Prerequisite ENGL 1101
		ECET 2120 Electronic Circuits I	SU	4	
Choose One:					
		HIST 1111 World History I (to 1500)	ALL	3	
		HIST 1112 World History II (since 1500)	ALL	3	
Choose One:					
		ARTS 1101 Art Appreciation	ALL	3	
		MUSC 1101 Music Appreciation	ALL	3	
				13	Program Semester Hours

✓	Grade	Semester 4	S	CR	Notes and Milestones Prerequisites must be passed with a "C" or higher
		MATH 1131 Calculus I	FA, SP	4	Prerequisite MATH 1113
		PHYS 1111 Introductory Physics I PHYS 1111L Introductory Physics I Lab	FA FA	3 1	Prerequisite MATH 1113, ENGL 1101 Corequisite PHYS 1111L
		CHEM 1211 Chemistry I CHEM 1211L Chemistry I Lab	ALL ALL	3 1	Prerequisite MATH 1111, 1103, or 1101 Corequisite CHEM 1211L
				12	Program Semester Hours
✓	Grade	Semester 5	S	CR	Notes and Milestones Prerequisites must be passed with a "C" or higher
		ENGL 1105 Workplace and Technical Communications	SP	4	Prerequisite ENGL 1101 Online
		MATH 1132 Calculus II	SP	4	Prerequisite MATH 1131
		PHYS 1112 Introductory Physics II PHYS 1112L Introductory Physics II Lab	SP SP	3 1	Prerequisite PHYS 1111, PHYS 1111L Corequisite PHYS 1112L
				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/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, Employees: Teresa Jiles, Assistant Director of Human Resources, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182, wgtcHR@westgatech.edu.