



Engineering Technology Degree (ET33)- 61 Credit Hours Mechanical 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 \$39,890 – \$49,890 (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"> Min GPA 2.0 Carrollton 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	
		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		
		CIST 1305 Program Design and Development	FA	3		
				15	Program Semester Hours	
✓	Grade	Semester 2	S	CR	Notes & Milestones	
		MATH 1113 Precalculus	FA, SP	3	Prerequisite: MATH 1111 with a minimum grade of C	
		MEGT 1010 Manufacturing Process	SP	3	Prerequisite: ENGT 1000 with a minimum grade of C	
		CIST 2361 C++ Programming I	SP	4	Prerequisite: CIST 1305 with a minimum grade of C	
		DFTG 2010 Engineering Graphics	FA, SP	4		
				14	Program Semester Hours	

✓	Grade	Semester 3	S	CR	Notes & Milestones
		ENGL 1102 Literature and Composition	ALL	3	Prerequisite: ENGL 1101 with a minimum grade of C
		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	3	
		MEGT 1321 Machining and Welding	SU	2	
				11	Program Semester Hours
✓	Grade	Semester 4	S	CR	Notes and Milestones
		MATH 1131 Calculus I	FA	4	Prerequisite: MATH 1113 with a minimum grade of C
		PHYS 1111 Introductory Physics I – AND – PHYS 1111L Introductory Physics I Lab	FA	3 1	Prerequisites: MATH 1113 and ENGL 1101 with a minimum grade of C 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 with a minimum grade of C Must complete lecture and lab in the same semester.
				12	Program Semester Hours
✓	Grade	Semester 5	S	CR	Notes and Milestones
		ENGL 1105 Workplace and Technical Communications	SP	4	Prerequisite: ENGL 1101 with a minimum grade of C
		MATH 1132 Calculus II	SP	4	Prerequisite: MATH 1131 with a minimum grade of C
		DFTG 2020 Visualization and Graphics	FA, SP	3	
		PHYS 1112 Introductory Physics II – AND – PHYS 1112L Introductory Physics II Lab	SP	3 1	Prerequisites: PHYS 1111 and PHYS 1111L with a minimum grade of C Must complete lecture and lab in the same semester
				15	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>

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