Electronics Technology Diploma (ET14)- 54 Credit Hours
Industrial Electronics Technology Specialization

Program Description:
The Electronics Technology diploma program is a sequence of courses designed to prepare students for careers in electronics technology professions. Learning opportunities develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. Program graduates are to be competent in the general areas of communications, mathematics, computer literacy, and interpersonal relations. The program emphasizes a combination of electronics technology theory and practical application necessary for successful employment using both manual and computerized electronics systems. Graduates may find employment as specialized industrial or specialized general electronics technicians, assemblers, testers, repairers, and calibrators. Initial salaries are approximately $47,200 per year. (BLS.gov May 2022)

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Website:
https://www.westgatech.edu/program-explorer/Electronics-and-Telecommunication/

Pre-Diploma Requirements
Program Specific
• Min GPA 2.0 • Carrollton 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

✓	Grade	Semester 1	S	CR	Notes & Milestones
		ELCR 1005 Soldering Technology	ALL	1	
		ELCR 1010 Direct Current Circuits	ALL	6	
		EMPL 1000 Interpersonal Relations and Professional Development	ALL	2	
		MATH 1012 Foundations of Mathematics	ALL	3	
				12	**Program Semester Hours**
✓	Grade	Semester 2	S	CR	Notes & Milestones
		ELCR 1020 Alternating Current Circuits	ALL	7	Prerequisite ELCR 1010
		ELCR 2600 Telecommunication and Data Coding -OR- CIST 1401 Computer Networking Fundamentals	ALL	3	Prerequisite ELCR 1010
		ENGL 1010 Fundamental of English	ALL	3	
				13	**Program Semester Hours**

✓	Grade	Semester 3	S	CR	Notes & Milestones
		ELCR 1030 Solid State Devices	ALL	5	Prerequisite ELCR 1020
		ELTR 1040 Digital and Microprocessor Fundamentals	ALL	5	Prerequisite ELCR 1020
		ELCT 2110 Process Control	ALL	3	Prerequisite ELCR 1020
		ELCR 2120 Motor Controls	ALL	3	Prerequisite ELCR 1020
				16	**Program Semester Hours**
✓	Grade	Semester 4	S	CR	Notes and Milestones
		ELCR 2130 Programmable Controllers	ALL	3	Prerequisite ELCR 1020
		ELCR 2140 Mechanical Devices	ALL	2	
		ELCR 1060 Linear Integrated Circuits	ALL	3	Prerequisites ELCR 1020
		ELCR 2150 Fluid Power	ALL	2	
		ELCR 2160 Advanced Microprocessors and Robotics	ALL	3	Prerequisite ELCR 1040
				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