

Career Outlook:

Electronics Technician is one of today's fastest growing careers, a career that can provide not only a great salary and job security but also exciting work in a field that is always growing and changing. This field has many opportunities including maintenance, design, service and sales in commercial, manufacturing and process industries.

The following industries employ electronic technicians: computer industry, consumer electronics industry, robotics industry, utility companies, healthcare, broadcast, manufacturing, aerospace, automotive, mining, office equipment, waste-treatment, and any other industries that use electrical/electronic systems.

Salary Forecast:

For the most current salary information please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at www.bls.gov/ooh/.

Employment Opportunities:

- Bench technician
- Design technician
- Process control technician
- Bio-medical technician
- Maintenance technician
- Electronics trainers
- Electronics sales
- Installation technician

Tech Prep Affiliation:

The Electronics Technology program is aligned with the West Virginia Tech Prep Engineering/Technical cluster. This career track provides the opportunity for West Virginia students to acquire college credit while attending high school.

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Our mission is to prepare students for careers, civic responsibility and life-long learning.

Electronics Technology – Major Code CE10	
Name:	ID Number 942-
Educational Counselor:	
Faculty Advisor:	

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
ELT 111	DC Circuit Analysis & Applications ¹		5				
ENL 231	Business and Technical Writing ²		3				
IT 101	Fundamentals of Computers		3				
MAT 145	Applications in Algebra ³		3				
			14				
COM 112 or COM 125	Oral Communication Interpersonal Communication		3				
ELT 121	Alternating Current Circuit Analysis & Applications ⁴		5				
MAT 215	Applied Discrete Math		3				
SCI 110	Introductory Physics ⁶		4				
			15				
ELT 131	Analog Circuits Analysis & Applications ⁷		5				
ELT 211	Digital Circuits ⁸		5				
IT 270	Computer Essentials and Application ⁹		4				
	Technical Elective ¹⁰		3				
			17				
ELT 222	Introduction to Microprocessors ¹¹		4				
ELT 299	Electronic Technology Internship ¹²		3				
IT 230	Network Communications ¹³		3				
	Social Science Elective ¹⁴		3				
	Technical Elective ¹⁰		3				
			16				

HOURS REQUIRED FOR GRADUATION: 62
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1. ELT 111 has a prerequisite/co-requisite of MAT 144 or MAT 145.
2. ENL 231 has a prerequisite of placement in 100-level English, and placement in 100-level reading.
3. MAT 145 has a prerequisite of placement in 100-level math.
4. ELT 121 has a prerequisite of ELT 111.
5. MAT 210 has a prerequisite of MAT 135 or MAT 145.
6. SCI 110 has a prerequisite of MAT 125, MAT 135 or MAT 145.
7. ELT 131 has a prerequisite of ELT 121.
8. ELT 211 has a prerequisite of MAT 215.
9. IT 270 has a prerequisite of IT 101 or IT 102.
10. Choose from any of the following: ELT 150, 160, 170, 210, ELT 280-283, IT 115, IT 120, IT 141, IT 271
11. ELT 222 has a prerequisite of ELT 211.
12. ELT 299 has a prerequisite of Permission
13. IT 230 has a co-requisite of IT 120 or permission.
14. Choose from EC, HIST, PSYC, SOCI at the 100-level or above.

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