

**THIS IS A CAREER DEGREE.
IT IS NOT DESIGNED TO TRANSFER TO A FOUR YEAR UNIVERSITY.**

**Danville Area Community College
2021-2022**

Electronic Technology
Associate in Applied Science Degree

This two-year degree program is designed to give the training needed for the installation, maintenance, operation and servicing of electronic systems in industry. This is an occupational program typically not designed to transfer; however, this program has been articulated to some senior institutions. Please contact a counselor for specific details.

First time degree seeking students must complete INST101, Success in College, as a requirement for graduation.

REQUIRED COURSES	HOURS	F,S,I,SU	GRADE
First Semester			
ELEC 160 Intro. to Electricity—Electronics	5		
ELEC 168 Industrial Electricity	4		
ELEC 175 PC Applications in Electronics	2		
* MATT 133 Technical Math I (pre: MATT 132 or Placement Exam)	4		
Total	15		
Second Semester			
ELEC 167 Electronic Circuits I (pre: ELEC 160)	4		
ELEC 273 Digital Electronics (pre: ELEC 160)	4		
ELEC 269 Programmable Controllers (pre: ELEC 160)	3		
ELEC 165 Intro to AC Circuits (pre: ELEC 160)	3		
* Communications Elective (ENGL 101 or 121)	3		
Total	17		
Third Semester			
ELEC 275 Industrial Automation (pre: ELEC 269 or Instructor Consent)	5		
ELEC 274 Digital Electronics II (pre: ELEC 174 and ELEC 273 or Instructor Consent)	4		
ELEC 220 Opto-Electronics (pre: ELEC 167)	4		
INFO 245 Employment Seminar (pre: Instructor Consent)	1		
* Social Science Elective	3		
Total	17		
Fourth Semester			
ELEC 276 Advanced Automation Techniques (pre: ELEC 275)	5		
ELEC 250 Pneumatics & Controls	4		
ELEC 277 Siemens Programmable Controllers (pre: ELEC 169 or Instructor Consent)	3		
* Humanities Elective	3		
* Communication Elective	3		
Total	18		
Total Hours	67		

* General Education.

See list of Human Relations requirements.

This program is a capstone with SIU and a cooperative with EIU and WIU.

NOTE: Pre-Tech Math (MATT 132) is available for students needing preparation for MATT 133.

Enrollment in developmental classes may increase the length of time it takes to complete an associate degree.