



SUNY NIAGARA
Electronics Technology, A.A.S.

Overview

The Electronics Technology AAS program at SUNY Niagara prepares students for a variety of careers utilizing electronics expertise, including mechanical repair and maintenance, biomedical engineering, industrial automation and robotics, avionics, aeronautics, and telecommunications.

Careers

Careers related to your program of study:

- Electronics Technician
- Electrical Controls Technician
- Electrical Technician
- Electronic Repair Technician
- Biomedical Equipment Technician
- Testing Technician
- Quality Control Technician
- Electronics Assembler

Contact

Program Coordinator

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Division

Business & STEM

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Visit full catalog for specific course offerings for each semester:

<https://sunyniagara.edu/courses/electronics-technology-a-a-s/>

<https://tinyurl.com/47rs8638>

Program Requirements

First Semester

Credits

ELT 110/L – Principles of Electricity w/Lab	4
ELT 132/L – Digital Systems I w/Lab	3
ENG 101 – Writing I	3
MAT 111 - Advanced Algebra & Trigonometry OR MAT ____ - Higher Level of Mathematics by Advisement	4
____ ____ - CIS or PED Elective	1

Total Credit Hours:

15 Cr.

Second Semester

ELT 112/L - Principles of Electricity II w/ Lab	3
ELT 115/L – Electronic Principles I w/ Lab	3
MET 110 – Engineering Drawing I	2
____ - Diversity: Equity, Inclusion & Social Justice (DVRS) General Education Elective	3
SPE 101 – Foundations of Communication OR	
SPE 102 – Public Speaking OR	
SPE 103 – Interpersonal Communication	3
TEC 110 - Introduction to Technical Calculations	1
Total Credit Hours:	15 Cr.

Third Semester

DRF 279 – Technical Seminar	1
ELT 216/L – Electronics Principles II/Lab	3
ELT 233/L- Digital Systems II w/Lab	3
ELT 250/L – Electrical Design Drafting CADD	2
PHY 131/L – General Physics I	4
____ - General Education Elective to be selected from (SOCS, USCV, ARTS, HUMN, GLBL, WLNG)	3
Total Credit Hours:	16 Cr.

Fourth Semester

ELT 221/L – Power Systems Principles w/Lab	3
ELT 234/L – Advanced Digital Systems	3
ELT 235/L – Instrument & Control Systems w/Lab	3
ELT 240/L – PLC Programming	3
PHY 132/L – General Physics II	4
Total Credit Hours:	16 Cr.

The information provided is subject to change throughout the academic year. 3/9/2026