



Cleveland State University

Bachelor of Science in Electrical Engineering Technology

The Electrical Engineering Technology is a two-year upper-division program leading to a Bachelor of Science in Electrical Engineering Technology degree (BSEET). The Electronics Engineering Technology program is accredited by TAC of ABET (Technology Accreditation Commission of the Accreditation Board of Engineering and Technology). A Bachelor of Science in Engineering Technology graduate is qualified to work in positions requiring the "application of scientific and engineering knowledge and methods combined with technical skills in support of engineering activities," as stated by ABET.

Many students decide to major in Electrical Engineering Technology because the CSU program prepares them to gain employment in a diverse range of industries including, industrial control and automation, aerospace, medical, computer, telecommunications, and defense industries. Most importantly, Engineering Technology prepares graduates to contribute immediately in these industries.

Cleveland State University's Bachelor of Science in Electrical Engineering Technology program makes it possible for students to pursue a four-year (baccalaureate) Electrical Engineering Technology major through a combination of courses taken at LCCC that are either LCCC courses taught by LCCC instructors or CSU courses taught by visiting CSU instructors. For additional information on the Cleveland State Electrical Engineering Technology program contact Dr. Majid Rashidi, chairman at (216-523-7485) or m.rashidi@csuohio.edu.

Parallel LCCC Programs

- Associate of Applied Science in Applied Electronics
- Associate of Applied Science in Alternative Energy Technology - Wind Turbine Major

Admission Requirements

Applications should be submitted six weeks prior to the beginning of the term. Complete admissions information can be found at the website listed below or call 440-366-4850.

1. A completed Cleveland State University Undergraduate Admission Application along with a Partnership Application Supplement Form must be submitted. Forms are available at the Cleveland State Partnership office at Lorain County Community College in the University Center building, room 113. Applications can also be obtained on-line at: <http://www.engagecsutransfer.com/index.html>
2. An official copy of a grade transcript sent directly from each regionally-accredited college or university attended.
3. A one-time, \$30 undergraduate application processing fee.

The application and supporting materials can be dropped off at the Cleveland State Partnership Office at Lorain County Community College or you may send them directly to: *Cleveland State University, Office of the University Registrar, Application Processing Center, 2121 Euclid Avenue UC 400, Cleveland, Ohio 44115-2214.*

Registration and Scheduling Information

Students may register online via CampusNet at www.csuohio.edu/registrar.



Registration instructions can be found on-line at:
<http://www.engagecsutransfer.com/educate/advisor.html>. Registration information can also be obtained at the CSU University Partnership office (UC 113).

Tuition and Fee Schedule

Information on tuition and fees can be found on-line at: <http://www.csuohio.edu/cashier>. All fees are due and payable as part of the student's registration. The assessed fees are subject to final audit and payment in full is a prerequisite to official enrollment.

REQUIRED CSU COURSES:

Course Number	Course Title	Credits
MTH 154,155,156	Math Conc. 2a, b, c	4
MTT 300	Applied Mathematics	4
PHY 221	College Physics I	5
EET 315	Microprocessor & Digital System Design	3
EET 316	Microprocessor & Digital System Lab	1
EET 202	Fundamental of Digital Systems	4
GET 310	Computer System Technology	3
MTT301	Advanced Applied Math	4
EET 320	Embedded Microprocessor Systems	3
EET 321	Embedded Microprocessor Systems Lab	1
EET 330	Advanced Circuit Analysis	3
EET 410	Power Electronic Systems	3
GET 430	Electrical Power, Controls, and Instrumentation	3
GET 431	Electrical Power, Controls, and Instrumentation Lab	1
EET 411	Power Electronic Systems Lab	1
EET 430	Applications of FPGAs and VHDL	3
GET 440	Applications of PLC's	4
EET 415	Electronic Circuits, Signals, and Systems	3
EET 416	Electronic Circuits, Signals, and Systems Lab	1
EET 460	Senior Design A	1
EET 480	Senior Design B	3
Total		58

In order to fulfill CSU's residency requirement for the B.S., University Partnership students must complete a minimum of 30 semester hours in CSU course offerings.

LCCC Bridge Courses for A.A.S. Programs

Alternative Energy Technology / Wind Turbine Major MTHM 221 Technical Calculus ELCT 231 Electronic Devices I	Electronic Engineering Technology / Applied Electronics MTHM 221 Technical Calculus
Automation Engineering Technology / Maintenance/Repair MTHM 221 Technical Calculus ELCT 121 Digital Electronics	Electronic Engineering Technology / Computer Maintenance and Networking MTHM 221 Technical Calculus ELCT 231 Electronic Devices I
Automation Engineering Technology / Systems Specialist MTHM 221 Technical Calculus ELCT 121 Electronic Devices I ELCT 231 Digital Electronics	Industrial Computing Applications Specialist MTHM 221 Technical Calculus ELCT 111 Electrical Circuits I ELCT 112 Electrical Circuits II ELCT 231 Electronic Devices I
Computer Engineering Technology / Computer and Digital Forensics Major MTHM 221 Technical Calculus ELCT 112 Electrical Circuits II ELCT 231 Electronic Devices I	