

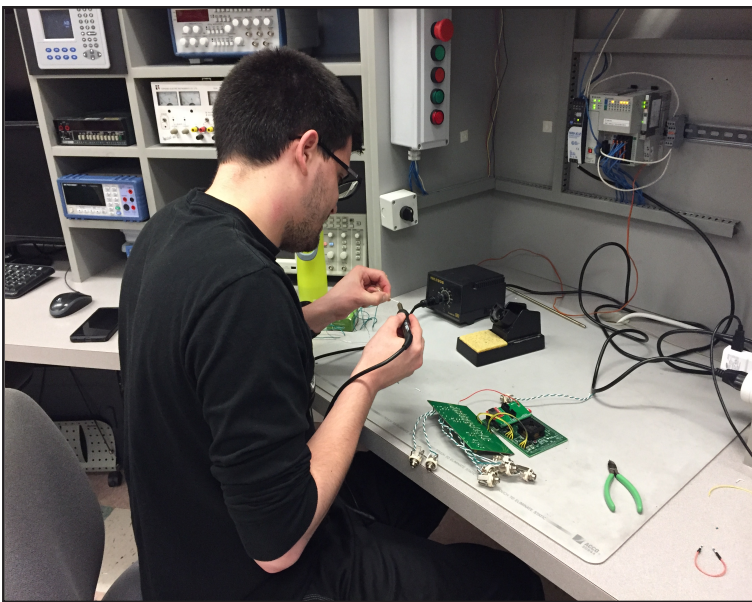


ELECTRONICS ENGINEERING TECHNOLOGY

Bachelor of Science in Engineering Technology
Bachelor of Applied Science

Pittsburg State University
COLLEGE OF TECHNOLOGY

The world needs a lot more Electronics Engineering Technology graduates. The amount of computers, robots, electronics, green energy and automation continues to skyrocket. Companies need people to research, design, build, test and maintain these systems. Pittsburg State's EET degree will put you on a solid path to success in high tech industries.



The Electronics Engineering Technology degree from Pittsburg State provides practical 'hands-on' experience. Theory taught in each course is reinforced with lab experiments and projects. Recent graduates have gone on to work in the fields of power, automation, embedded micro-controller systems, avionics and more. The EET program is accredited by the Engineering Technology Accreditation Commission of ABET, <https://www.ABET.org>.

Join the club!

Enrich your experience and get involved with our student organizations.

- Institute of Electrical and Electronics Engineers (IEEE)
- International Society of Automation (ISA)
- Society of Women Engineers (SWE)
- Combat Robotics

To learn more about Electronics Engineering Technology visit www.pittstate.edu/etech

Is this the right major for you?

- Have you ever wondered how a computer works?
- Would you like to learn how to code?
- Do you have an interest in robotics?
- Do you enjoy math and Science?
- Would you like to design and build your own circuit boards?
- Does a career in power or industrial automation sound appealing?

If you said yes to any of these questions, the Electronics Engineering Technology program is for you!

ELECTRONICS ENGINEERING TECHNOLOGY

Recommended Sequence

FALL		SPRING	
FRESHMAN			
ENGL 101: English Composition	3	MATH 150: Calculus I	5
MATH 126: Pre-Calculus	4	EET 144: DC Circuit Analysis Methods	3
MECET 121: Engineering Graphics I	3	EET 244: Logic Circuit	3
EET 100: Prolog to Electronics	2	PSYCH 155: General Psychology	3
BIOL 113: Environmental Life Science	4	***General Ed. Elective***	3
UGS 150: Gorilla Gateway	2	HHP 150: Lifetime Fitness Concepts	1
	18		18
SOPHOMORE			
COMM 207: Speech Communication	3	MATH 143: Elementary Statistics	3
MATH 154: Engineering Calculus II	4	EET 247: Computer Prog. for Elect. Systems	3
MFGET 263: Manufacturing Methods I	2	PHYS 104: Engineering Physics	4
MFGET 268: Manufacturing Methods Lab I	1	PHYS 130: Elementary Physics Lab	1
EET 245: Electronic Devices & Circuits	3	ENGL 299: Intro to Research Writing	3
EET 246: AC Circuit Analysis Method	3	***Required Emphasis***	3
	16		17
JUNIOR			
PHYS 105: Engineering Physics II	4	***General Ed. Elective***	3
PHYS 131: Elementary Physics Lab II	1	ENGL 301: Tech/Prof Writing	3
EET 341: Signals and Systems	3	EET 546: Electronic Controls	3
EET 344: Microcomputer Systems	3	EET 641: Electric Power	3
EET 349: Analog Integrated Circuits	3	***Required Emphasis***	3
Required Elective	3	EET 299: Electronics Core Exam	1
	17		16
SENIOR			
EET 540: Electronic Design Proposal	3	EET 640: Applied Design Problems	2
ETECH 694: Eng. Tech Lab Internship	1	EET 642: Electronics Tech Seminar	1
ETECH 502: Engineering Economy	3	***General Ed. Elective***	3
Required Emphasis	3	***General Ed. Elective***	3
Approved Electives	3	***Required Emphasis***	3
Approved Electives	3	***Approved Electives***	3
	16		15

Emphasis Areas

- Power
- Computer & Embedded Systems
- Automation

Career Opportunities

- Automation & Controls
- Power generation and distribution
- Avionics
- Embedded microcontroller systems
- Industrial robotics

Recruiting Companies

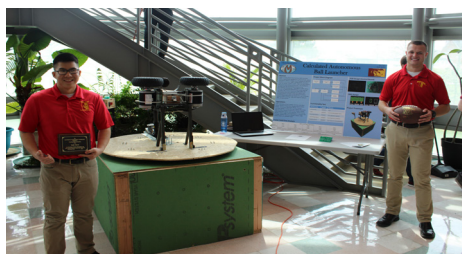
- Black & Veatch
- Accent Controls
- Industrial Control Systems
- Textron
- Eagle Picher
- Schenck Processes
- Kasa Controls & Automation
- Ducommun

Average Starting Salaries

\$65,000/year with median salary ranges of \$80,000 - \$100,000 per year.

Our Electronics graduates experience a job placement rate of nearly 100%

Facilities



The EET program offers modern, fully equipped laboratories supporting all emphasis areas. Students also have the opportunity to participate in directed undergraduate research and independent studies for specialization while gaining leadership and practical experience through laboratory internships & peer tutoring

Ask us about

- Internships/Summer employment
- Scholarships
- Flat-Rate tuition
- Gorilla Advantage
- Gorilla Edge
- Accelerated Master's Program

Greg Murray
Director

Phone: 620-235-4384
gmurray@pittstate.edu

Clark Shaver
Coordinating Professor

Phone: 620-235-4942
cshaver@pittstate.edu

Randy Winzer
Professor

Phone: 620-235-4370
rwinzer@pittstate.edu

Erik Mayer
Professor

Phone: 620-235-4430
emayer@pittstate.edu