



# ELECTRONICS ENGINEERING TECHNOLOGY

Bachelor of Science in Engineering Technology  
Accredited by ABET

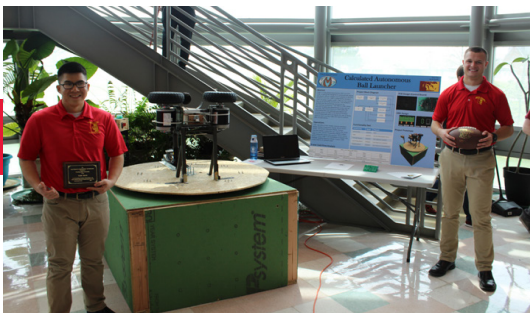
Pittsburg State University  
COLLEGE OF TECHNOLOGY

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>.

## Is this the right major for you?

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



## Join the club!

Enrich your experience and get involved with our student organizations.

- American Foundry Society (AFS)
- SME
- Society of Women Engineers (SWE)

Follow us on:



Facebook: @Pitt.etech  
Instagram @PSU\_etech

Twitter: @PSU\_etech  
LinkedIn: PSU ETECH

To learn more about Electronics Engineering Technology visit [www.pittstate.edu/etech](http://www.pittstate.edu/etech)

# ELECTRONICS ENGINEERING TECHNOLOGY

## Recommended Sequence

FALL		SPRING	
FRESHMAN			
EET 100: Prolong to Electronics	2	EET 144: DC Circuit Analysis Methods	3
ENGL 101: English Composition	3	MATH 150: Calculus I	5
MATH 126: Pre-Calculus	4	EET 244: Logic Circuits	3
UGS 150: Gorilla Gateway	2	HHP 150: Lifetime Fitness Concepts	
COMM 207: Speech	3	MFGET 263: Manufacturing Methods I	2
MECET 121: Engineering Graphics	3	MFGET 263:Manufacturing Methods Lab I	1
	17		15
SOPHOMORE			
MATH 154: Engineering Calculus II	4	MATH 143: Elementary Statistics	3
EET 245: Electronic Devices	3	EET 247: Computer Prog. for Elect. Systems	3
EET 246: AC Circuits Analysis	3	EET 641: Electric Power	3
PHYS 104: Engineering Physics I	4	ENGL 299: Intro to Research Writing	3
PHYS 130: Physics I Lab	1	*Automation emphasis*EET 343: Automation I	3
		*Other emphasis*EET *** Elective	3
	15		15
JUNIOR			
EET 341: Signals and Systems	3	EET 546: Instrumentation	3
EET 344: Microcomputer Systems	3	EET 440: Capstone Fundamentals	1
EET 349: Analog Integrated Circuits	3	PHYS 105: Engineering Physics II	4
EET*** Emphasis Elective	3	PHYS 131: Elementary Physics Lab II	1
*Automation Emphasis*EET 443:Automation II	3	EET*** Emphasis Course	3
*Other emphasis*Approved Tech Elective	3	EET*** Emphasis Course	3
	15		15
SENIOR			
EET 540: Senior Capstone I	3	EET 640: Senior Capstone II	3
ETECH 502: Engineering Economy	3	EET 642: Senior Seminar	2
ETECH 694: Eng. Tech Lab Internship	1	***Approved Tech Elective	3
ENGL 301: Tech. Writing	3	***Human System Elective	3
PSYCH 155: General Psychology	3	***Human Experience Elective	3
***Approved Tech Elective	3		
	16		15

### Emphasis Areas

- Electronics Embedded Systems
- Controls
- Custom

### Career Opportunities

- Automation
- Power generation and distribution
- Avionics
- Embedded microcontroller systems
- Individual robotics

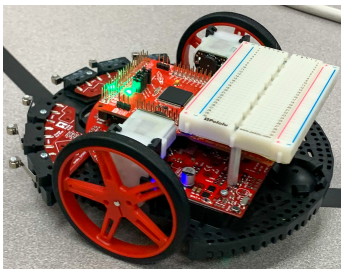
### Recruiting Companies

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

### Starting Salaries

Typical starting salaries range from \$60,000-\$75,000

Our Electronic 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
- Accelerated Master's Program

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