



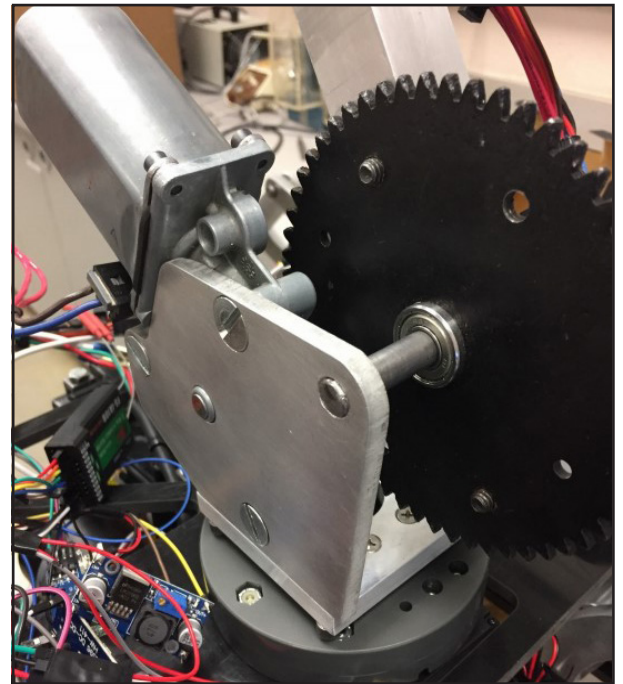
MECHANICAL ENGINEERING TECHNOLOGY

Bachelor of Science in Engineering Technology
Bachelor of Applied Science

Pittsburg State University
COLLEGE OF TECHNOLOGY

Are you interested in pursuing a career within the field of STEM? Do you have a passion for combining ingenuity with a hands-on approach to solving problems? If you are searching for a career in design, testing, manufacturing, or operations, then the Mechanical Engineering Technology field may be just what you've been looking for. Mechanical Engineering technology is the application of engineering principles and technological developments for the creation of useful products and production machinery.

At Pittsburg State University our Mechanical Engineering technology coursework focuses on the design and analysis of products and systems, while reinforcing learning through lab activities and projects.



Companies hire our students based upon their ability to design and analyze systems while also having the skills to complete hands-on activities. This program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.ABET.org>.

Join the club!

Enrich your experience and get involved with our student organizations.

- Society of Manufacturing Engineers (SME)
- Society of Women Engineers (SWE)

Follow us on:



@PittEtech



@psu_etech

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

Is this the right major for you?

Successful students in mechanical engineering have the following qualities:

- an interest in how things work and designing or making items
- a good work ethic
- good mechanical aptitude
- computer applications
- competence in academic subjects such as:
 - Mathematics
 - Chemistry
 - Speech
 - English

MECHANICAL ENGINEERING TECHNOLOGY

Recommended Sequence

FALL		SPRING	
FRESHMAN			
MATH 122: Plane Trigonometry	3	SOC 100: Intro. to Soc. (WL) (or other E1)	3
ENGL 101: English Composition	3	MECET 226: Computer Aided Design	3
MECET 121: Engineering Graphics I	3	MATH 150: Calculus I	5
ART 233: Drawing I or ART 188: Des. World	3	CHEM 215: General Chemistry I	3
UGS 150: Gorilla Gateway	2	CHEM 216: General Chemistry Lab	2
HHP 150: Lifetime Fitness (or other G)	1		
	15		16
SOPHOMORE			
PHYS 104: Engineering Physics I	4	MECET 220: Statics	3
PHYS 130: Elem. Physics Lab I (WL)	1	PHYS 105: Engineering Physics II	4
MFGET 263: Manufacturing Methods I	2	PHYS 131: Elementary Physics Lab II	1
MFGET 268 Manufacturing Methods I Lab	1	ENGL 299: Intro to Research Writing	3
MATH 154: Engineering Calculus II	4	COMM 207: Speech Communication	3
***Emphasis Course			
	12		14
JUNIOR			
MECET 428: Thermodynamics	3	MECET 523: Mechanical Design I (S)	3
MECET 423: Mechanics of Materials	3	EET 247: Computer Prog. For Electron. Sys.	3
MECET 424: Mechanics of Materials Lab	1	EET 343: Automation I: Industrial Control	3
MECET 524: Fluid Mechanics	3	*** Emphasis Course	
MECET 525: Fluid Mechanics Lab	1	*** Emphasis Course	
*** Emphasis Course			
	11		9
SENIOR			
PSYCH 155: Gen. Psych.(WL)(or other G)	3	MFGET 669 Manufacturing/Design II (S)	3
MFGET 666: Manufacturing Project I (F)	2	MECET 323: Adv. Engineering Graphics	3
***Emphasis Course		ETECH 502: Engineering Economy	3
*** Emphasis Course		*** Emphasis Course	
*** Emphasis Course		*** Emphasis Course	
	5		9

Emphasis Areas

- Design
- Automation
- Manufacturing
- Biomedical
- Automotive

Career Opportunities

Graduates typically take jobs with engineering titles working in design, tool design, personal liaison, power plant design, manufacturing planning or system design integration.

Recruiting Companies

- Texton Aviation
- Black & Veatch
- Burns & McDonnell
- Kiewit
- Honeywell
- Ducommun LaBarge
- Johnson Controls
- Dimensional Innovations
- Caterpillar
- General Motors
- Peerless Products, Inc

Starting Salaries

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

Our Mechanical graduates experience a job placement rate of nearly 100%.



Ask us about

- Internships
- Summer employment
- Scholarships
- Flat-Rate tuition
- Gorilla Advantage
- Gorilla Edge

Greg Murray
Department Chair
Phone: 620-235-4384
gmurray@pittstate.edu

David Miller
Coordinating Professor
Phone: 620-235-6115
djmill@pittstate.edu

Tim Thomas
Professor
Phone: 620-235-4353
thomas@pittstate.edu

Daniel Maxwell
Associate Professor
Phone: 620-235-4374
dmaxwell@pittstate.edu