BACHELOR OF SCIENCE

Electro-Mechanical Engineering Technology

Ron Land
Program Coordinator
Associate Professor of Engineering
Phone: 724-334-6730
Email: rel9@psu.edu
Frank Kadi
Sr. Instructor of Engineering
Phone: 724-334-6147
Email: fjk11@psu.edu
Robert Mueller
Associate Professor of Engineering
Phone: 724-334-6726
Email: rlm18@psu.edu
Joan Kowalski
Senior Instructor in Engineering
Phone: 724-334-6737
Email: jak12@psu.edu
Dr. Andrea Adolph
Director of Academic Affairs
Phone: 724-334-6031
Email: aea13@psu.edu

DEGREE INFORMATION

The B.S. in Electro-Mechanical Engineering Technology provides the basic undergraduate education required for a profession as an electro-mechanical engineering technologist.

The program emphasizes a breadth of knowledge in all fields of engineering technology related to typical manufacturing, production, and process control operations. Basic coverage is provided in all major areas of technology involved in the operation and control of manufacturing and production processes, including instrumentation and monitoring, principles of machine design, sequential and feedback control methods, thermal and fluid sciences, computer-aided manufacturing, electrical and electronic circuit operation, computer-aided drafting and design, economics of production, and statistical analysis and quality control.

A total of seven fully-equipped labs support the EMET program. Two of the labs are used for traditional studies in DC, AC, and digital circuits; linear electronics, electrical machines; and microprocessors. Two labs are mechanical labs, used for traditional exercises in statistics and dynamics, fluid and thermal sciences, materials testing, and machine and process design. The remaining labs are dedicated to instruction in instrumentation, signal conditioning, sequential and feedback control systems, automated manufacturing using CNC (computer numerical control) machines and robots, and senior project development.

Penn State is nationally recognized as a leader in engineering technology education. The EMET program is accredited by the Engineering Technology Accreditation Commission of ABET. This is a valuable asset because many employers require graduation from an ABET-accredited program.

Visit the Program Web Page
www.nk.psu.edu/emet

Learn more about ETAC of ABET on the web at:
http://www.abet.org

Admissions Contact Information
Phone: 724-334-LION or 888-968-PAWS
Email: nkadmissions@psu.edu
Online: nk.psu.edu/admissions

Financial Aid Contact Information
Phone: 724-334-6047
Email: nk-finaid@lists.psu.edu
Online: studentaid.psu.edu

Virtual Tour
Visit our campus virtual tour: nk.psu.edu/virtualtour

Social Media – Get Connected!
Social Media Dashboard: nk.psu.edu/socialmedia

Visit our campus virtual tour: nk.psu.edu/virtualtour