College of Engineering

Temple University's College of Engineering is committed to its students with an emphasis on education that is hands-on and personal. Classes are small and taught by experienced and dedicated faculty. Fostering an environment for the creation of knowledge, the college encourages basic and cross-disciplinary applied research by its faculty and students. Great importance is attached to scholarship, practice, and service aimed at improving the quality of life and the economic viability of our society. These objectives are pursued in a learning environment that celebrates ethnic and gender diversity, respects experience, and encourages problem solving through teamwork.

As part of a research institution, the College of Engineering offers cutting-edge programs that are accredited by the Accreditation Board for Engineering and Technology, Inc. (ABET). The college began as the Evening Technical School in 1936 to accommodate an expanded technical course offering. In 1969, the Board of Trustees approved the formation of the College of Engineering Technology, which was authorized to grant Bachelor of Science degrees in various engineering technology disciplines. In 1986, the college offered the Master of Science in Engineering, its first graduate program.

The mission of the College of Engineering is to provide students with a high-quality, innovative, and globally competitive learning experience in engineering, engineering technology, and the applied sciences. Engineering graduates are educated professionals with the technical, problem-solving, and communication skills required to succeed in the workplace and society. The college has partnerships with some of the area’s leading engineering employers. Our graduates are hired by such companies as Boeing, Lockheed Martin, Metrologic, NASA, PennDot, Pennoni Construction, PGW, Turner Construction, Verizon, and many more.

Programs

Degree Programs

- Bioengineering, M.S.Bioe.
- Bioengineering, Ph.D.
- Civil Engineering, M.S.C.E.
- Civil Engineering, Ph.D.
- Computer and Systems Security, P.S.M.
- Electrical Engineering, M.S.E.E.
- Electrical Engineering, Ph.D.
- Engineering, M.Eng.
- Engineering Management, M.S.
- Environmental Engineering, M.S.Env.E.
- Environmental Engineering, Ph.D.
- Mechanical Engineering, M.S.M.E.
- Mechanical Engineering, Ph.D.
- Graduate Certificate: Advanced Manufacturing and Robotics
- Graduate Certificate: Engineering Project Management
- Graduate Certificate: New Product Development

Certificates

- Computer and Systems Security
- Engineering Management
- Stormwater Management

Graduate Faculty

Bechara E. Abboud, Associate Professor, Department of Civil and Environmental Engineering, College of Engineering; Ph.D., Drexel University.

Fauzia Ahmad, Associate Professor, Department of Electrical and Computer Engineering, College of Engineering; Ph.D., University of Pennsylvania.

Gangadhar Andaluri, Assistant Professor, Department of Civil and Environmental Engineering, College of Engineering; Ph.D., Temple University.

Li Bai, Professor, Department of Electrical and Computer Engineering, College of Engineering; Ph.D., Drexel University.

Evangelia Bellas, Assistant Professor, Department of Bioengineering, College of Engineering; Ph.D., Tufts University.

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Robert M. Brooks, Associate Professor, Department of Civil and Environmental Engineering, College of Engineering; Ph.D., Indian Institute of Technology.

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