

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.

Graduate Programs and Certificates

- Bioengineering MSBioe
- Bioengineering PhD
- Civil Engineering MSCE
- Civil Engineering PhD
- Computer and Systems Security PSM
- Electrical Engineering MSEE
- Electrical Engineering PhD
- Engineering MEng
- Engineering Management MS
- Environmental Engineering MSEnvE
- Environmental Engineering PhD
- Mechanical Engineering MSME
- Mechanical Engineering PhD
- Graduate Certificate: Advanced Manufacturing and Robotics
- Graduate Certificate: Computer and Systems Security
- Graduate Certificate: Engineering Management
- Graduate Certificate: Engineering Project Management
- Graduate Certificate: Industrial and Systems Engineering
- Graduate Certificate: New Product Development
- Graduate Certificate: Stormwater Management

Graduate Faculty

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

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

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

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

Evangelia Bellas, Associate Professor, Department of Bioengineering, College of Engineering; PhD, Tufts University.

Saroj K. Biswas, Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, University of Ottawa.

Shih-Jiun Chen, Professor, Department of Mechanical Engineering, College of Engineering; PhD, Drexel University.

Harsh Deep Chopra, Professor, Department of Mechanical Engineering, College of Engineering; PhD, University of Maryland College Park.

Philip Dames, Associate Professor, Department of Mechanical Engineering, College of Engineering; PhD, University of Pennsylvania.

Kurosh Darvish, Professor, Department of Mechanical Engineering, College of Engineering; PhD, University of Virginia.

Zdenka J. Delalic, Associate Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, University of Pennsylvania.

Liang Du, Associate Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, Georgia Institute of Technology.

Bojana Gligorijevic, Professor, Department of Bioengineering, College of Engineering; PhD, Georgetown University.

John J. Helferty, Associate Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, Drexel University.

Parsaoran Hutapea, Professor, Department of Mechanical Engineering, College of Engineering; PhD, North Carolina State University.

Mehdi Khanzadeh Moradillo, Assistant Professor, Department of Civil and Environmental Engineering, College of Engineering; PhD, Oklahoma State University.

Mohammad F. Kiani, Professor, Department of Mechanical Engineering, College of Engineering; PhD, Louisiana Tech University.

Sanghun Kim, Associate Professor of Instruction, Department of Civil and Environmental Engineering, College of Engineering; PhD, Syracuse University.

Peter Lelkes, Laura H. Carnell Professor, Department of Bioengineering, College of Engineering; PhD, RWTH Aachen University.

Michel Lemay, Professor Emeritus, Department of Bioengineering, College of Engineering; PhD, Case Western Reserve University.

Haijun Liu, Associate Professor, Department of Mechanical Engineering, College of Engineering; PhD, University of Maryland College Park.

Ling Liu, Associate Professor, Department of Mechanical Engineering, College of Engineering; PhD, Columbia University.

Erica R. McKenzie, Associate Professor, Department of Civil and Environmental Engineering, College of Engineering; PhD, University of California Davis.

Iyad Obeid, Associate Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, Duke University.

Vallorie J. Peridier, Associate Professor Emerita, Department of Mechanical Engineering, College of Engineering; PhD, Lehigh University.

Joseph Picone, Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, Illinois Institute of Technology.

Alex Pillapakkam, Associate Professor of Instruction, Department of Mechanical Engineering, College of Engineering; PhD, New Jersey Institute of Technology.

Nancy Pleshko, Laura H. Carnell Professor, Department of Bioengineering, College of Engineering; PhD, Rutgers University.

Fei Ren, Associate Professor, Department of Mechanical Engineering, College of Engineering; PhD, Michigan State University.

Robert J. Ryan, Associate Professor of Instruction, Department of Civil and Environmental Engineering, College of Engineering; PhD, Drexel University.

Keyanoush Sadeghipour, Professor, Department of Mechanical Engineering, College of Engineering; PhD, University of Manchester Institute of Science and Technology.

Elham Sahraei, Associate Professor, Department of Mechanical Engineering, College of Engineering; PhD, George Washington University.

Anita Singh, Associate Professor, Department of Bioengineering, College of Engineering; PhD, Wayne State University.

Damoon Soudbakhsh, Assistant Professor, Department of Mechanical Engineering, College of Engineering; PhD, George Washington University.

Andrew Spence, Professor, Department of Bioengineering, College of Engineering; PhD, Cornell University.

Rominder Suri, Professor, Department of Civil and Environmental Engineering, College of Engineering; PhD, Michigan Technological University.

Rouzbeh Tehrani, Assistant Professor, Department of Civil and Environmental Engineering, College of Engineering; PhD, Temple University.

Erkan Tüzel, Associate Professor, Department of Bioengineering, College of Engineering; PhD, University of Minnesota.

Philip D. Udo-Inyang, Associate Professor, Department of Civil and Environmental Engineering, College of Engineering; PhD, University of Missouri-Columbia.

Felix F. Udoeyo, Associate Professor of Instruction, Department of Civil and Environmental Engineering, College of Engineering; PhD, Abubakar Tafawa Balewa University.

Han Wang, Assistant Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, University of California Davis.

Karin Wang, Assistant Professor, Department of Bioengineering, College of Engineering; PhD, Cornell University.

Chang-Hee Won, Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, University of Notre Dame.

Heyang Yuan, Assistant Professor, Department of Civil and Environmental Engineering, College of Engineering; PhD, Virginia Polytechnic Institute and State University.

Yimin Daniel Zhang, Associate Professor, Department of Electrical and Computer Engineering, College of Engineering; PhD, University of Tsukuba.

Yichuan Zhu, Assistant Professor, Department of Civil and Environmental Engineering, College of Engineering; PhD, Texas A and M University.