Purdue University Northwest 2023-2024 Academic Catalog

[ARCHIVED CATALOG]

College of Technology



Mohammad A. Zahraee, Ph.D., P.E., Interim Dean

All of the undergraduate programs in the College of Technology are nationally accredited. This ensures that each program is independently reviewed and meets the quality expectation for that profession. Our expert faculty and staff are proud of the educational opportunities we deliver to our students.

Our faculty work closely with students in applied research, industry projects and national-level collegiate competitions. We provide scholarship opportunities, and offer on-campus, part-time employment to gain experience related to your field of study while taking classes. We will make you feel at home and work closely with you as you pursue your educational goals in the College of Technology.

Our technology programs are among the largest in the country, and our graduates are working for major national and international companies including: Arcelor Mittal, Daimler Chrysler, McAfee, United Healthcare Group, Kiewit, Ford Motor Company, Lucent Technologies, United Airlines, Franciscan Alliance, Discover Financial Services, Community Healthcare System, NIPSCO, and Lake County Government.

Please browse the College of Technology degree programs that interest you and let us help you prepare for the career of your choice. We encourage you to visit in person to see first-hand what the College of Technology has to offer. To learn more about our programs and tour our facilities, please call us at 219-989-3251. We look forward to meeting you.

Accreditations

- The Computer Graphics Technology Bachelor of Science degree program is accredited by the Association of Technology, Management, and Applied Engineering, http://www.atmae.org
- The Computer Information Technology Bachelor of Science degree program is accredited by the Computing Accreditation Commission of ABET, https://www.abet.org

- The Construction Engineering and Management Technology Bachelor of Science degree program is accredited by the Applied and Natural Science Accreditation Commission of ABET, http://www.abet.org and the Engineering Technology Accreditation Commission of ABET, http://www.abet.org
- The Electrical Engineering Technology Bachelor of Science degree program is accredited by the Engineering Technology Accreditation Commission of ABET, http://www.abet.org
- The Mechanical Engineering Technology Bachelor of Science degree program is accredited by the Engineering Technology Accreditation Commission of ABET, http://www.abet.org
- The Mechatronics Engineering Technology Bachelor of Science degree program is accredited by the Engineering Technology Accreditation Commission of ABET, http://www.abet.org
- The Organizational Leadership and Supervision Bachelor of Science degree program is accredited by the Applied and Natural Science Accreditation Commission of ABET, http://www.abet.org

Program Offerings

Degree Programs

Master of Science

- Technology, MS, Concentration: Computer Information Technology
- Technology, MS, Concentration: Engineering Technology
- Technology, MS, Concentration: Industrial Engineering Technology
- Technology, MS, Concentration: Technology Leadership & Management

Doctor of Technology

• Technology, DTECH

Post-Baccalaureate Certificate

- Cybersecurity Post Baccalaureate Certificate
- Organizational Leadership and Supervision Post Baccalaureate Certificate
- Six Sigma for Business and Industry Post Baccalaureate Certificate

Combined

• Technology, BS/MS

Department of Computer Information Technology and Graphics

Degree Programs

Bachelor of Science

- Computer Graphics Technology, BS
- Computer Information Technology, BS
- · Cybersecurity, BS

Minor

• Applied Data Science Minor

Department of Construction Science and Organizational Leadership

Degree Programs

Bachelor of Science

- Construction Engineering and Management Technology, BS
- · Organizational Leadership and Supervision, BS

Minor

- Occupational Safety Minor
- Organizational Leadership Minor

Undergraduate Certificate

• <u>Leadership Undergraduate Certificate</u>

Department of Engineering Technology

Degree Programs

Bachelor of Science

- Electrical Engineering Technology, BS
- Mechanical Engineering Technology, BS
- Mechatronics Engineering Technology, BS

Minor

• Industrial Robotics Minor