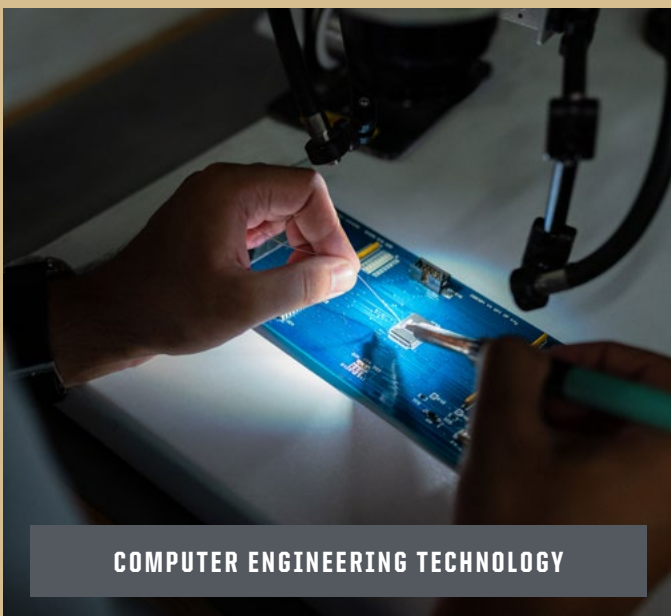
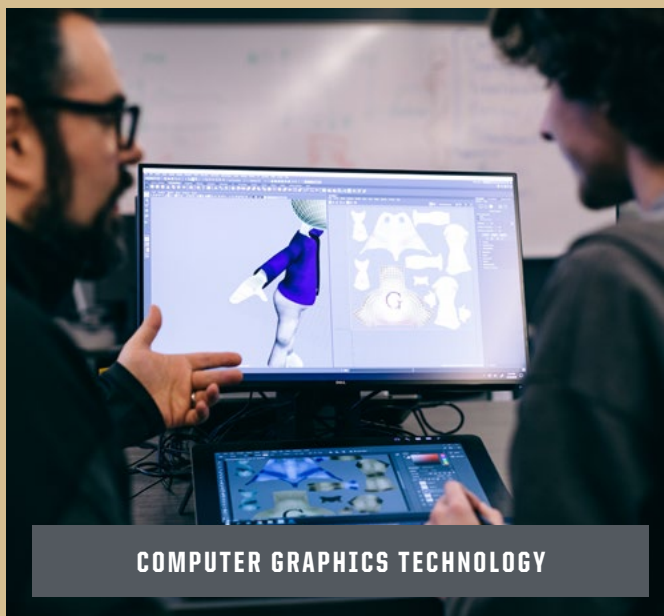


COMPUTING MAJORS

AT PURDUE POLYTECHNIC



COMPUTER ENGINEERING TECHNOLOGY



COMPUTER GRAPHICS TECHNOLOGY



COMPUTER AND INFORMATION TECHNOLOGY

COMPUTER ENGINEERING TECHNOLOGY

Fabricate **electronics, hardware, software.**

Major

Computer Engineering Technology

Unique Features

- Start your impact early by creating interesting electronic projects your first semester.
- Capitalize on the real-world experience of your professors and industry partners.
- Apply all you've learned to a senior capstone project aimed at solving a current business or industry problem
- Earn your advanced degree sooner through our five-year combined BS/MS program.

Skills for your future

- Hardware and software design
- Ability to create, test, and debug programs and applications
- Creative problem-solving
- Understanding of networks and communications systems
- Ability to work with intricate microcomputer processing system

Job Titles

Application engineer | Computer systems designer
| Software engineer | Test engineer

COMPUTER GRAPHICS TECHNOLOGY

Create **images, graphics, motion.**

Majors

Animation | Building Information Modeling | Data Visualization | Game Development and Design | UX Design | Virtual Product Integration | Visual Effects Compositing | Web Programming and Design

Unique Features

- Blend technology, visual communications and computer graphics systems to communicate ideas and data in graphical form.
- Focus on a multidisciplinary approach to incorporating elements of technology, software engineering, computer graphics and project management.
- Experience hands-on learning with real-world senior design projects.
- Work with actual clients to address existing or emerging issues within computer graphics.

Skills for your future

- Creativity
- Visualization
- Problem solving
- Design
- Communication
- Leadership

Job Titles

Web programmer/developer | Computer game developer | Design engineer | Animation technical director | Character designer | Visual effects compositor | Visual effects artist | PLM systems architect | Applications engineer | Building information modeling designer | User experience (UX) designer | Usability engineer

COMPUTER AND INFORMATION TECHNOLOGY

Program **cyber, data, IT.**

Majors

Computer and Information Technology | Cybersecurity | Network Engineering Technology | Systems Analysis and Design

Unique Features

- Build solutions that bring together hardware (computer engineering), software (computer science) and networks.
- Combine skills in systems or data analysis, customer relations and design to solve immediate problems and grand challenges.
- Combine theoretical knowledge with technical intervention.

Skills for your future

- People-oriented
- Entrepreneurial
- Project management
- Maintain security and efficiency for organizations

Unique Features

Application developer | Business analyst | Computer Programmer | Computer Systems Designer | Data analyst | Database administrator | IT consultant | Network administrator | Security specialist | Software engineer | Systems analyst

🖱️ polytechnic.purdue.edu

✉️ techrecruit@purdue.edu



Polytechnic Institute

