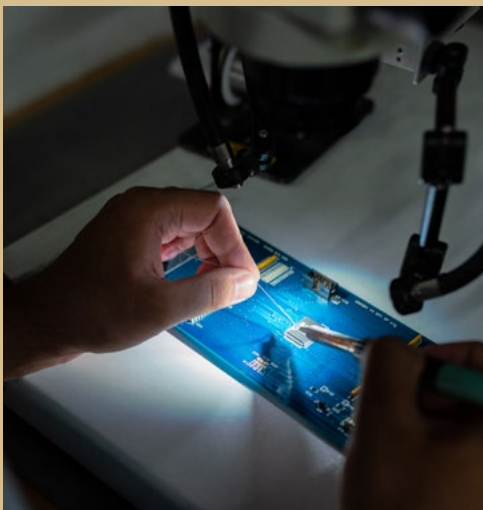


COMPUTING MAJORS

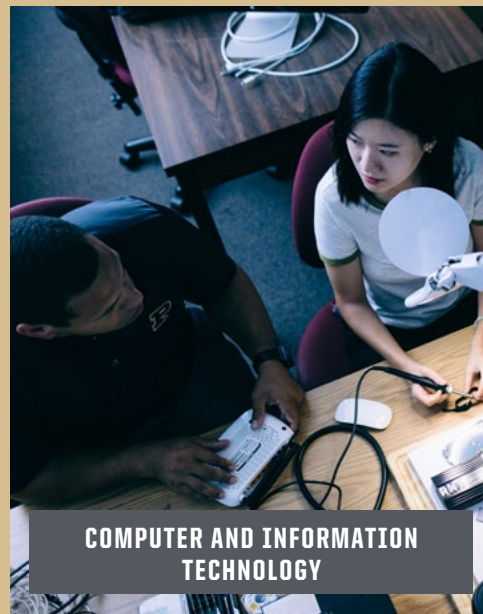
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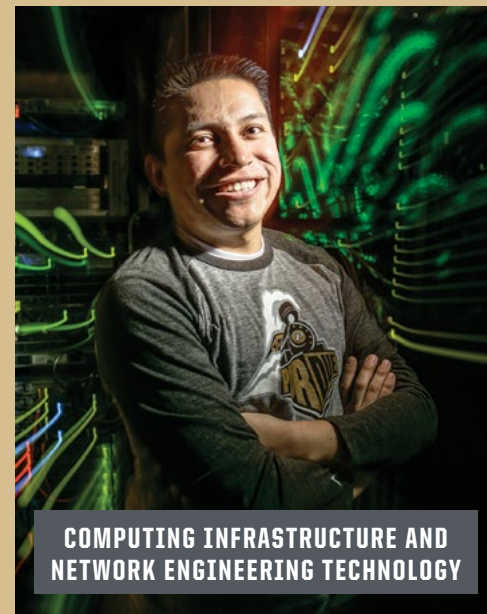
COMPUTER ENGINEERING TECHNOLOGY



COMPUTER GRAPHICS TECHNOLOGY



COMPUTER AND INFORMATION
TECHNOLOGY



COMPUTING INFRASTRUCTURE AND
NETWORK ENGINEERING TECHNOLOGY



Polytechnic Institute

HUNDREDS
OF COMPANIES AT OUR
COMPUTING
CAREER FAIR

COMPETITIVE
STARTING SALARY



COMPUTER ENGINEERING TECHNOLOGY

Fabricate **electronics, hardware, software.**

Major

Computer Engineering Technology

Learn to:

- 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.

Hone your skills in:

- 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

Possible Careers

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

COMPUTER GRAPHICS TECHNOLOGY

Create **images, graphics, motion.**

Majors

Animation and Visual Effects | Building Information Modeling | Data Visualization | Digital Enterprise Systems | Game Development and Design | UX Design | Web Programming and Design

Learn to:

- Blend technology, visual communications and computer graphics systems to communicate ideas and data in graphical form.
- Incorporate elements of technology, software engineering, computer graphics and project management.
- Work with clients on design projects.

Hone your skills in:

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

Job Titles

Web programmer/developer | Game developer | Design engineer | Animation technical director | Character designer | Visual effects compositor | Visual effects artist | PLM systems architect | Applications engineer | UX designer | Building information modeler | Usability engineer

COMPUTING INFRASTRUCTURE AND NETWORK ENGINEERING TECHNOLOGY

Fabricate **electronics, hardware, software.**

Major

Computing Infrastructure and Network Engineering Technology

Learn to:

- Focus on high-level design and planning of networks.
- Incorporate the best-suited hardware and software options.
- Solve high-level networking challenges securely, efficiently and accurately.

Hone your skills in:

- Communications
- Business
- Teamwork

Possible Careers

Network Engineer | Network Architect | Systems Engineer

COMPUTER AND INFORMATION TECHNOLOGY

Program **cyber, data, IT.**

Majors

Computer and Information Technology | Cybersecurity | Computing Infrastructure and Network Engineering Technology | Data Analytics, Technologies and Applications (DATA) | Systems Analysis and Design

Learn to:

- Incorporate hardware (computer engineering), software (computer science) and networks.
- Combine systems or data analysis with design and customer relations.
- Blend your theoretical knowledge with technical interventions.
- Maintain your company's security and efficiency.

Hone your skills in:

- People skills
- Entrepreneurial acumen
- Project management abilities

Job Titles

Application developer | Business analyst | Computer programmer | Computer systems designer | Data analyst | Systems analyst | Database administrator | IT consultant | Network administrator | Security specialist