PURDUE POLYTECHNIC

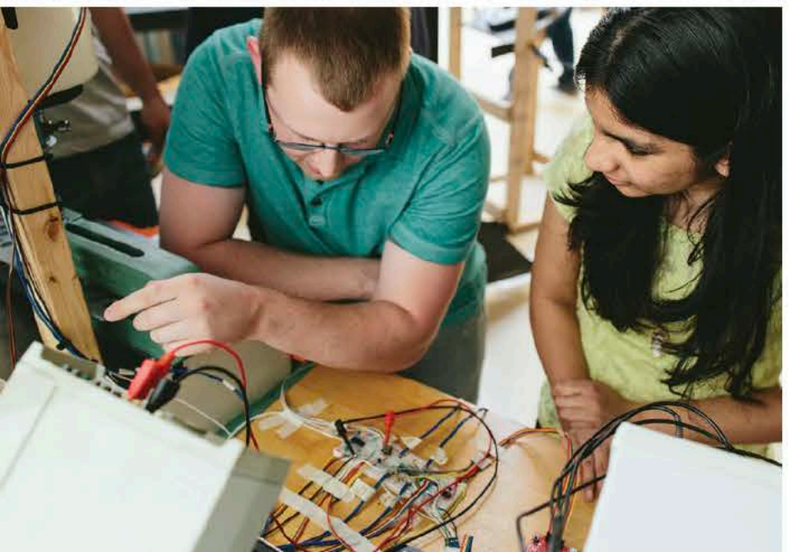
Hands-on education. Real-world **success**.

/TechPurdue

polytechnic.purdue.edu
765-494-4935
techrecruit@purdue.edu

EA/EOU

PURDUE UNIVERSITY
Polytechnic Institute



Areas of **Interest**

- AVIATION
- COMPUTING AND GRAPHICS
- CONSTRUCTION MANAGEMENT
- ENGINEERING TECHNOLOGIES
- TECHNOLOGY EDUCATION
- TECHNOLOGY MANAGEMENT

Contact us

For information on admission to Purdue University and the Purdue Polytechnic Institute, including important application and financial aid deadlines, contact:

PURDUE UNIVERSITY UNDERGRADUATE ADMISSIONS

admissions.purdue.edu

765-494-1776

admissions@purdue.edu

FOR THE

WAY YOU LEARN

Purdue Polytechnic students learn by doing. Labs, research and group projects are all part of our hands-on process.

Bechtel Innovation Design Center provides a workspace for Purdue students to design and create projects, including senior capstones. Bechtel Center staff are available onsite to train students on how to safely use state-of-the-art equipment and create detailed prototypes.

Bechtel Center's design and prototyping studios, labs and open workspaces draw students together for short-term and multi-year activities. From CAD/CAM design to machining to 3D printing, Bechtel Center supports a wide range of projects, such as designing bridges, building solar and electric vehicles and robots, constructing energy-efficient home prototypes and creating accessible playgrounds.

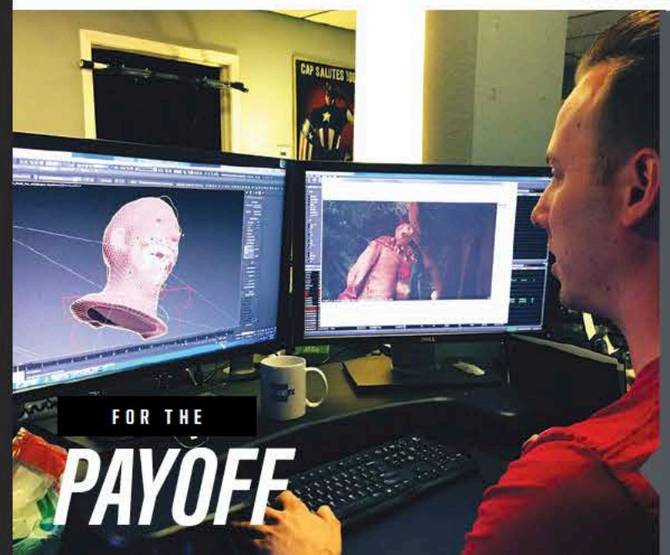
Take your education experience to new heights!

- See the world from the top of a building during a construction management technology internship.
- Explore the technology of Europe, Asia, South America or Australia on a Globalization trip with your classmates.
- Take to the skies and fly cross-country during the annual Air Race Classic.

Go as far as you want! Your goals are up to you.

FOR THE

EXPERIENCES



FOR THE

PAYOFF

Helicopters. Virtual clean room. Scorpions. Twisty the Clown. It's been an interesting career for visual effects artist Evan Underwood, who graduated from Purdue with a computer graphics technology degree.

His work as part of the FuseFX visual effects studio team resulted in an Emmy Award for the company, which was founded by Purdue alumnus Dave Altenau. The team won for Outstanding Special Visual Effects in a Supporting Role for their work on "American Horror Story: Freak Show."

"You have to utilize your professors and the resources provided. It is up to you to put in the effort outside of the classroom to develop your skills to the highest level, and the college provides every resource needed for that."

- Evan Underwood, Computer Graphics Technology

Purdue Polytechnic at a Glance

This brochure features Polytechnic majors that are part of the Bachelor of Science degree programs at Purdue University in West Lafayette, IN.

POLY·TECH·NIC

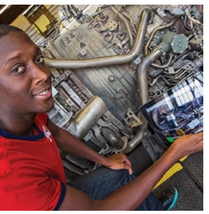
[noun] 21st century: A college that uses innovative learning methods, real-world experiences, and industry partnerships to produce graduates uniquely qualified for technology-driven careers.

OUR GRADS ARE CAREER-READY

94%

EMPLOYED BY GRADUATION

PURDUE UNIVERSITY, MAIN CAMPUS
WEST LAFAYETTE, INDIANA



INCREDIBLE
STUDY ABROAD
OPPORTUNITIES

GLOBAL COMPANIES hire our graduates from a wide range of majors. Below is just a sampling of businesses:

- Amazon
- Bank of America
- Boeing Co.
- Cummins Inc.
- Exxon Mobil
- US Airways
- Kraft Foods Inc.
- Microsoft Corp.
- Paramount Pictures Corp.
- Shiel Sexton Company Inc.
- Walt Disney Company
- Hewlett-Packard Company

5-YEAR COMBINED
BS/MS PROGRAMS
AVAILABLE

Explore Our **Majors***

AVIATION | COMPUTING AND GRAPHICS | CONSTRUCTION MANAGEMENT | ENGINEERING TECHNOLOGIES | TECHNOLOGY EDUCATION | TECHNOLOGY MANAGEMENT

AERONAUTICAL ENGINEERING TECHNOLOGY
Combine animation and visual effects to create entertainment videos for television, film and gaming or instructional videos for education, healthcare, construction and human resources.

AEROSPACE FINANCIAL ANALYSIS
Be part of a growing field as you help aerospace companies navigate through complex data and agreements to ensure sound financial footing.

AIRLINE MANAGEMENT AND OPERATIONS
Explore the complex airline system while learning about the variety of business decisions that can affect success, such as staffing, maintenance and customer service.

AIRPORT MANAGEMENT AND OPERATIONS
Delve into the intricacies of operating an airport while learning about the business decisions and federal regulations that can affect success.

ANIMATION AND VISUAL EFFECTS
Combine animation and visual effects to create entertainment videos for television, film and gaming or instructional videos for education, healthcare, construction and human resources.

AUDIO ENGINEERING TECHNOLOGY
Combine the science of sound and electrical engineering technology to create and manipulate the aural experience in a variety of ways.

AUTOMATION AND SYSTEMS INTEGRATION ENGINEERING TECHNOLOGY
Find better ways to manufacture products through the production process while ensuring efficient use of personnel and resources.

AVIATION MANAGEMENT
Study the aviation industry as you prepare to manage an airport, lead a team of air traffic controllers, run a company or help set aviation policy.

BUILDING INFORMATION MODELING
Revolutionize the architecture, engineering and construction industry using information-rich models throughout the life of the structure.

COMPUTER AND INFORMATION TECHNOLOGY
Apply computer, networking or database skills to solve challenges facing the internet, mobile technologies, cloud computing, cyber forensics and cybersecurity.

COMPUTER ENGINEERING TECHNOLOGY
Devise, integrate and embed the intricate microcomputer processing systems that control the items people use every day.

COMPUTING INFRASTRUCTURE AND NETWORK ENGINEERING TECHNOLOGY
Design, implement, maintain and secure data networks, clients, servers and other key information technology infrastructure components.

CONSTRUCTION MANAGEMENT TECHNOLOGY
Learn leadership and business management skills for construction, renovation or restoration projects. Prepare to be an effective executive, leader and partner to clients.

CYBERSECURITY
Gain expertise in designing, building, managing and investigating IT systems and infrastructures while analyzing security risks and vulnerabilities.

DATA ANALYTICS, TECHNOLOGIES AND APPLICATIONS (DATA)
Learn to leverage data and information for decision-making purposes. Develop strong foundations in statistical and machine learning techniques while learning to apply and evaluate analytics approaches, techniques and tools to solve real-world problems.

DATA VISUALIZATION
Learn the art and science of representing data-rich information in an interactive, visual format that enables users to understand, use, communicate and take action.

DESIGN AND CONSTRUCTION INTEGRATION
Incorporate architectural design as you learn construction management. As the project point person, you'll communicate buyers' ideas with builders' teams.

DIGITAL ENTERPRISE SYSTEMS
Use 3D models, data standards, simulation and visualization, and mixed reality technologies to support design, manufacture and service throughout the product lifecycle.

ELECTRICAL ENGINEERING TECHNOLOGY
Combine knowledge of electricity and electronics to design, develop and test life-changing electronic products and systems.

ENERGY ENGINEERING TECHNOLOGY
Design modern solutions for efficient energy generation, transmission and distribution to industrial, commercial and residential customers.

ENGINEERING-TECHNOLOGY TEACHER EDUCATION
Become an instrumental part of the next generation's career path as you learn to help K-12 students understand science, technology, engineering and math.

GAME DEVELOPMENT AND DESIGN
From education to entertainment, focus on new techniques and best practices to bring new worlds to life on a variety of platforms.

HUMAN RESOURCE DEVELOPMENT
Learn how to improve an organization by training and developing employees, improving employee engagement and performance, and assessing system effectiveness.

INDUSTRIAL ENGINEERING TECHNOLOGY
Manage information, supplies and equipment to coordinate and optimize operations while directing people to make products or provide services.

MECHANICAL ENGINEERING TECHNOLOGY
Design, develop, test and manufacture sustainable products and machines using innovative technologies related to energy, advanced materials and manufacturing processes.

MECHATRONICS ENGINEERING TECHNOLOGY
Focus on the development of the electromechanical products that are everywhere in modern life.

ORGANIZATIONAL LEADERSHIP
Learn how to work as a leader in all levels of an organization in the context of technology and its applications as you help teams and companies achieve their goals.

PROFESSIONAL FLIGHT
Train to become a pilot as you gain a broader perspective of the aviation industry, from making decisions to understanding your aircraft.

ROBOTICS ENGINEERING TECHNOLOGY
Combine sensing, computing and actuation to design and program robots for manufacturing, AI, healthcare and other applications.

SMART MANUFACTURING INDUSTRIAL INFORMATICS
Use industrial IoT, AI, machine learning, big data analytics, cloud/edge computing and mixed reality to develop and manage intelligent manufacturing applications.

SUPPLY CHAIN AND SALES ENGINEERING TECHNOLOGY
Use technology, marketing and business analysis to promote sales and manage logistics of products and supplies through distribution channels.

SYSTEMS ANALYSIS AND DESIGN
Study how organizations use computer systems and procedures, and then design information systems solutions that help them operate more efficiently and effectively.

UNMANNED AERIAL SYSTEMS
Examine the entire system surrounding the unmanned aerial industry, including design, operations, sensors, commerce, policy and creative uses for research.

UX DESIGN
Create meaningful, human-centered experiences by designing interactive computing environments.

WEB PROGRAMMING AND DESIGN
Learn the concepts and tools necessary to create dynamic, interactive and secure websites and mobile applications.

*These Polytechnic majors are part of Bachelor of Science degree programs at Purdue University in West Lafayette, IN.

Polytechnic **Student Profile***

27.4	3.64	1,287
AVERAGE ACT SCORE	AVERAGE GPA	AVERAGE SAT SCORE

*Based on fall 2022 new beginners.

Polytechnic **Payoff Stats***

94%	$63,103
PLACEMENT UPON GRADUATION	AVERAGE STARTING SALARY

*May 2021 Graduating Class