ASSOCIATE OF APPLIED SCIENCE IN INFORMATION TECHNOLOGY

ADVANCE YOUR CAREER IN THE GROWING FIELD OF INFORMATION TECHNOLOGY

The fast-moving field of IT demands qualified professionals trained in the latest technologies, systems, and industry advances. Purdue University Global’s associate’s degree in IT offers a solid technical foundation in creating software applications, managing databases, developing websites, installing and maintaining networks, troubleshooting hardware and software problems, and more. You’ll be ready to take on diverse opportunities within the field of IT in areas ranging from network administration to programming and software development to database management.
Why Study Technology at Purdue Global?

ONLINE FLEXIBILITY FOR WORKING ADULTS
Earn your degree 100% online, on your schedule. You can also visit one of our regional locations to take advantage of local, onsite support and services.

HANDS-ON LEARNING
Experience real-world learning in your specialized field through virtual labs in our interactive online campus. An optional internship also allows you to gain practical job experience in the field.

FACULTY EXPERTISE
Learn from practicing professionals with extensive experience in IT and in education. All faculty members possess advanced academic degrees.

ONE-ON-ONE MENTORING
Work directly with faculty through online discussion boards and faculty office hours, and enjoy no-cost individual tutoring and further mentoring through our Technology Center. In addition, academic and career advisors will partner with you to help you balance school with your career and life responsibilities.

TRANSFER CREDITS
We offer a generous transfer credit policy for prior coursework and professional experience to help make your education affordable and efficient.

INTRODUCTORY TRIAL PERIOD
Make sure online learning at Purdue Global is right for you. Enroll in the University and try our classes for 3 weeks before you owe any tuition. That’s the Purdue Global Commitment.¹

NATIONALLY RANKED AND RESPECTED
Purdue Global is part of the respected Purdue University system. One of the most prestigious research universities in the world, Purdue University is ranked in the top 10 best public universities in the U.S. by The Wall Street Journal/Times Higher Education.²

BUILD THE CORE SKILLS AND COMPETENCIES THAT EMPLOYERS DEMAND
• Apply technical skills and methods to solve problems.
• Analyze users’ technical needs.
• Design technology applications.
• Understand industry trends, practices, and products.

BUILD A PATHWAY TOWARD CERTIFICATION³
The coursework covers topics you will need to understand should you decide to pursue relevant industry credentials. Certifications can validate the skills you learn in school and help you secure a professional role within the evolving IT field.

GET A HEAD START ON YOUR BACHELOR’S DEGREE
By completing your associate’s in IT, you’ll not only earn a valuable credential to make an immediate impact on your career, but you’ll also lay the groundwork for your next degree. You can transfer your associate’s degree into a Purdue Global bachelor’s in IT, covering at least half of the program’s requirements.⁴

Take the Next Step in Your Career and Education
The coursework prepares you with essential IT skills and business knowledge. Our curriculum is reviewed by our dedicated subject matter experts, curriculum department, and advisory board, to ensure it reflects the most recent developments in the field.

**COURSE TOPICS INCLUDE:**
- Microsoft Office applications
- Hardware, software, and operating systems
- Programming and software development
- Networking and security
- Website development
- Database management

**OPTIONAL CONCENTRATIONS**
Personalize your education to develop specialized expertise in your chosen career path. Choose one of six concentrations:

- **Cybersecurity:** Explore fundamental cybersecurity topics, certifications, and job roles. Gain essential networking skills related to CompTIA Network+ certification and build foundational security skills related to CompTIA Security+ certification.
- **Data Analytics:** Gain exposure to the analytical methods and tools used by organizations as they leverage the value of data. Explore different uses of collected data, employ statistics in data analysis, and apply the appropriate visualization techniques for specific reporting needs.
- **Game Development:** Implement challenges and scenarios to create gamified experiences for recreational or business-related training resources. Game design features include storylines, role-play mechanics, and character profiles for a new game or interactive experience.
- **IT Generalist:** Explore all aspects of the field of IT to prepare for a wide variety of entry-level positions. Coursework focuses on networking, database management, programming, and web development.
- **Networking:** Study routing and switching, network security and administration, TCP/IP, and current industry-accepted practices for troubleshooting and administering Windows-based systems.
- **Programming and Software Development:** Learn how to develop software for standalone applications, websites, and smartphones using C#, Java, or a combination of PHP, Javascript, HTML5, and CSS for web development programming languages.

**PROGRAM DETAIL**
- **Credit Hours:** 90
- **Program Length:** 1–2 years (With transfer credit and other prior experience, the average completion time for Purdue Global associate's degree graduates in 2019–2020 was 19 months.)
- **Course Load:** 2–3 courses per term
- **Terms:** 10 weeks long
- **Start Dates:** Throughout the year
- **Delivery:** Online, with optional local or virtual internship

**Curriculum**

“The classes align well with my career goals since I am able to leverage the material and knowledge to my current occupation by applying the same methodologies, processes, and practices the professors taught.”

*Asher Eliefja*
AAS in Information Technology Graduate

**ADDITIONAL PROGRAMS**
- Bachelor of Science in Information Technology
- Bachelor of Science in Cybersecurity
- Master of Science in Cybersecurity Management
- Master of Science in Information Technology
- Undergraduate and Postbaccalaureate Certificates
INDUSTRY OUTLOOK

- America will add more than 667,000 IT jobs by 2030.
- In that time frame, employment of web developers is expected to grow faster than the average, and employment of both computer support specialists and IT occupations overall is projected to grow as fast or faster than the average.
- Demand for IT workers will stem from greater emphasis on cloud computing, the collection and storage of big data, and information security.

CAREER PATHWAYS AND OUTCOMES

Roles
- Computer network support specialist
- Computer programmer
- Web developer
- Network administrator/technician

- Networking specialist
- IT support specialist
- Desktop support specialist
- Service/help desk technician

Settings/Industries
- Computer services
- Finance
- Education
- Health care
- Science
- Law
- Communications
- Government

CENTER FOR CAREER ADVANCEMENT

Our Career Specialists connect IT students with job and networking opportunities and offer the following assistance:

- Career assessment/exploration
- Resume and cover letter review
- Interview preparation/mock interviews
- Portfolio development to showcase your skills
- Assistance in building an online presence
- Job search and networking support
- Virtual career fairs
- 24/7 online access to job openings and career development tools

STUDENT ORGANIZATIONS AND HONOR SOCIETIES

- Association for Computing Machinery (ACM) and ACM Women in Computing
- Cybersecurity Club
- Cloud Club

Purdue Global Is Accredited by the Higher Learning Commission

The HLC (HLCommission.org) is a regional accreditation agency recognized by the U.S. Department of Education.

Military Friendly

We offer reduced tuition rates for servicemembers, veterans, and spouses.

Contact an Admissions Advisor at 844-PURDUE-G or visit PurdueGlobal.edu.