INFORMATION TECHNOLOGY CERTIFICATES

TECHNOLOGY MOVES FAST—MAKE SURE YOUR CAREER KEEPS PACE

Information technology is an innovative field that has transformed virtually everything about the way the world works. If you already hold a bachelor’s degree, an online certificate from Purdue University Global can help ensure you have the most up-to-date IT skills and are ready to take on increasingly complex IT challenges. Develop the critical knowledge and skills to keep you competitive in this evolving, high-growth industry.
WHY STUDY TECHNOLOGY AT PURDUE GLOBAL?

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

CAREER-FOCUSED CURRICULUM
Prepare to meet the demand for skilled professionals in growing areas such as information security, cybersecurity, software development, and computers and information technology.

RELEVANT, HANDS-ON LEARNING
Gain real-world skills to build your resume, and immediately apply the concepts you learn in the classroom to tackle the IT challenges in your workplace.

FACULTY EXPERTISE
Learn from practicing professionals with extensive experience in IT and education. All of our professors possess advanced academic degrees and multiple industry certifications.

ONE-ON-ONE SUPPORT
Work directly with faculty through online discussion boards and faculty office hours, and enjoy no-cost individual tutoring. In addition, academic and career advisors are dedicated to helping you balance school with your career and life responsibilities.

PARTNERSHIP WITH GOOGLE
Customize your education with quick and affordable learning paths developed in partnership with Google to fit your career goals.

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.

TAKE THE NEXT STEP IN YOUR EDUCATION AND CAREER

GET A HEAD START ON YOUR MASTER’S DEGREE
Qualified credits earned in fulfillment of the Graduate Certificate in Information Security may be applied toward the requirements of certain Purdue Global master’s degree programs.

PREPARE FOR CERTIFICATION
Keep building your credentials—our certificate programs are designed to prepare students for the following professional certification exams:

<table>
<thead>
<tr>
<th>Certificate Program</th>
<th>Industry Credentials</th>
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<tbody>
<tr>
<td>Cisco Networks Postbaccalaureate Certificate</td>
<td>• CompTIA Network+</td>
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<td>• Cisco Certified Network Associate (CCNA)</td>
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<tr>
<td>Computer Forensics Postbaccalaureate Certificate</td>
<td>• CompTIA Network+</td>
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<td>• CompTIA Security+</td>
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<td></td>
<td>• EnCase Certified Examiner (EnCE)</td>
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<tr>
<td>Data Intelligence + Google IT Support Certificate</td>
<td>• Google IT Support Professional Certificate</td>
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<tr>
<td>Graduate Certificate in Information Security</td>
<td>• CompTIA Network+</td>
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<td></td>
<td>• Certified Ethical Hacker (CEH)</td>
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<tr>
<td>Health Informatics + Google IT Support Certificate</td>
<td>• Google IT Support Professional Certificate</td>
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<tr>
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<td></td>
<td>• CompTIA Advanced Security Practitioner (CASP)</td>
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<td></td>
<td>• Certified Information Systems Security Professional (CISSP)</td>
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<tr>
<td>Leadership + Google IT Support Certificate</td>
<td>• Google IT Support Professional Certificate</td>
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<tr>
<td>Microsoft Operating Systems Postbaccalaureate Certificate</td>
<td>• Various Microsoft certifications</td>
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<tr>
<td>Programming and Software Development Postbaccalaureate Certificate</td>
<td>• CIW Web Foundations Associate</td>
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<td>• CIW Associate Design Specialist</td>
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<td>• CIW JavaScript Specialist</td>
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<td>• CIW Web Design Specialist</td>
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<td>• MCSD App Builder</td>
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<td>• MCSD Web Applications</td>
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<td>• MCSD Windows Store Apps</td>
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<td>• PHP Certificate (W3Schools)</td>
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<td></td>
<td>• JavaScript Certification (W3Schools)</td>
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Graduates may have to meet additional requirements to qualify for certification exams.
Courses provide specialized IT knowledge and skills. The curriculum is reviewed and revised continually by our dedicated curriculum department and advisory board to ensure they reflect the most recent developments in the field.

**Business Fundamentals + Google IT Support Certificate | 45 credits/9 courses**
Focus on: customer and technical support, the four functions of management, the components of a marketing strategy, and financial performance

**Cisco Networks Postbaccalaureate Certificate | 25 credits/5 courses**
Focus on: network administration, TCP/IP protocols, and network routers and switches

**Computer Forensics Postbaccalaureate Certificate | 28 credits/5 courses**
Focus on: intrusion detection systems, incidence response strategies, computer forensics, and forensic techniques

**Cybersecurity Fundamentals + Google IT Support Certificate | 38-40 credits/8 courses**
Focus on: customer and technical support, essential networking and security fundamentals

**Data Intelligence + Google IT Support Certificate | 45 credits/9 courses**
Focus on: customer and technical support, different uses of collected data, employing statistics in reports, and the techniques used to visually represent data for reporting

**Graduate Certificate in Information Security | 16 credits/4 courses**
Focus on: computer security, penetration testing, ethical hacking, cryptography, and network security tools
Note: Students pursuing this certificate must hold a bachelor’s degree in information technology.

**Health Informatics + Google IT Support Certificate | 40 credits/8 courses**
Focus on: customer and technical support, laws and regulations applicable to the management of health information, quality assurance practices in decision making, and ethical practices and behaviors

**Information Security Postbaccalaureate Certificate | 21 credits/4 courses**
Focus on: network operating systems, network security, threat detection and response methods, disaster recovery planning, cryptography, information security, and risk management

**Leadership + Google IT Support Certificate | 39 credits/7 courses**
Focus on: customer and technical support, leading change, decision-making, and negotiation

**Microsoft Operating Systems Postbaccalaureate Certificate | 21 credits/4 courses**
Focus on: PC configuration and maintenance, desktop administration, network administration, and Active Directory configuration

**Programming and Software Development Postbaccalaureate Certificate | 34 credits/6 courses**
Focus on: database concepts for software, web, and mobile application development; advanced programming; developing software products using Agile; and design strategies

**PROGRAM DETAIL**

**Program Length:**
- Graduate Certificate: Less than 6 months of full-time study
- Undergraduate and Postbaccalaureate Certificates: 1 year or less of full-time study

**Course Load:** 2 courses per term

**Terms/Sessions:**
- Graduate Certificate: 6 weeks long
- Undergraduate and Postbaccalaureate Certificates: 10 weeks long

**Start Dates:** Throughout the year

**Delivery:** 100% online

These certificate programs are not eligible for Title IV federal financial aid.

**ADDITIONAL PROGRAMS**
- Master of Science in Cybersecurity Management
- Master of Science in Information Technology
- Master of Business Administration
CAREER AND NETWORKING OPPORTUNITIES

INDUSTRY OUTLOOK
(From 2019 to 2029)

- **Software developers** and **information security analysts** are among the fastest growing occupations.\(^4\)
- Projected growth of employment of **information security analysts** is 31%, much faster than the average for all occupations.\(^5\)
- Employment of **computer and information technology occupations** is projected to grow much faster than the average for all occupations.\(^6\)
- More than 530,000 IT jobs are expected to be added.\(^1\)

CAREER OUTCOMES\(^7\)

Potential Roles

**Undergraduate Certificates**
Entry-level positions as computer user support specialist, computer network support specialist, project management specialist, billing and posting clerk, medical records specialist, project management specialist, procurement clerk, and more

**Postbaccalaureate Certificates**
Entry-level positions in computer forensics, information security, Microsoft operating systems, programming and software development, or working with Cisco networks

**Graduate Certificate in Information Security**
Advanced positions in information security

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

Accredited by the Higher Learning Commission
Purdue University Global is accredited by the Higher Learning Commission (HLCommission.org), a regional accreditation agency recognized by the U.S. Department of Education.

Contact an Admissions Advisor at **844-PURDUE-G** or visit [PurdueGlobal.edu](http://PurdueGlobal.edu).