Become an expert in protecting sensitive data and thwarting attacks

Chances are, you've heard the terms Malware. Phishing. DDoS attack. SQL injection. DNS tunneling. It may sound like a foreign language, but in reality these are all sophisticated forms of cyberattacks. These unlawful tactics can gain unauthorized access to an IT system for theft, extortion, disruption or other nefarious reasons and are one of the greatest threats to any organization.

Davenport's Cyber Defense program will teach you next-generation skills to develop solutions that prevent dangerous threats and resist attacks — making you an invaluable asset to businesses, organizations and government agencies.

Our stackable program allows you to start your career in cybersecurity and defense by earning your certification in as little as one year and then building on your knowledge with an associate, bachelor's or master's degree.

Davenport's College of Technology is recognized as a National Center of Academic Excellence in Cyber Defense Education (CAE-CDE) by the National Security Agency (NSA) and the Department of Homeland Security (DHS). Davenport has also been designated as a National Center of Digital Forensics Academic Excellence (CDFAE) by the U.S. Department of Defense Cyber Crime Center (DC3).

Experience the Davenport difference:

- All classes are taught online, real-time virtual, in-seat or through a blended format.

- Learn from credentialed faculty, many of whom leverage their cybersecurity expertise.

- Take courses aligned with industry exams, such as the Certified Information Systems Security Professional (CISSP).

100% satisfaction

Scholarships and guaranteed employment
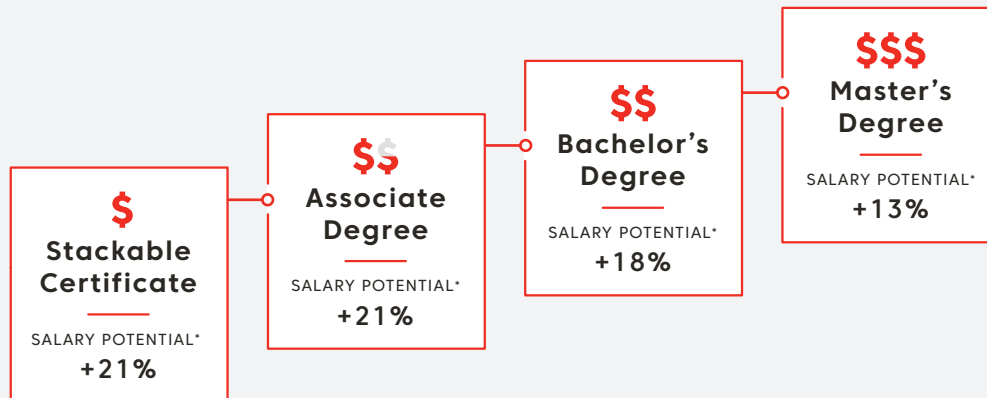
Designated CAE-CDE program

Preparation for industry exam

Want to know more?

Point your smartphone camera to this QR code to visit the program website.

Program Pathway

$
Stackable Certificate

SALARY POTENTIAL*
+21%

$$
Associate Degree

SALARY POTENTIAL*
+21%

$$
Bachelor's Degree

SALARY POTENTIAL*
+18%

$$$
Master's Degree

SALARY POTENTIAL*
+13%

Information obtained from the U.S. Bureau of Labor Statistics. Estimated salary and experience are accounted for.

$37,443 – $126,606

average salary range in the United States

Career title examples

- Computer and information systems managers
- Information security analysts

- Computer network support specialists
- Computer network architects
- Database administrators

Cyber Defense Certificate (24 credits)

davenport.edu/cyberdefensecert

Gain a strong security foundation, then develop specialized skills in specific applications. Become proficient in system administration on specialized cyber defense applications and systems, intrusion prevention and virtual private network (VPN) management.

Bachelor of Science in Cyber Defense (120 credits)

davenport.edu/cyberdefensebs

You'll strengthen your degree with one of two specialties: health care information and assurance or information security, and a robust business component enabling you to understand how your technical actions impact the larger organization fully. Courses include Perl/Python programming, Microsoft Client and Server OS, Unix Operating Systems and Server Administration, Windows Digital Forensics and Cisco Networking Fundamentals.

Cybersecurity Associate Degree (60 credits)

davenport.edu/cyberdefenseaas

This two-year undergraduate degree program focuses on collecting, analyzing, maintaining and protecting digital data and technology infrastructure, qualifying you to work as a cybersecurity specialist or cyber defense analyst, or in other cyber defense jobs in this in-demand field.

Master of Science in Information Assurance and Cybersecurity (34 credits)

davenport.edu/msia

Through a unique blend of technology and management, you'll develop in-demand risk management and analysis skills and work through legal and ethical cybersecurity issues such as data protection — domestically and internationally. No tech or cyber background nor GRE or GMAT score required; you'll take nine core courses and two industry-specific open electives such as health care security or banking and financial security.

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