



IT & Cyber Course Catalog



NSA Endorsed & Accredited Educational Opportunities

As of September 13, 2016



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Overview

▼ Purpose

- This catalog is intended to provide a list of approved, accredited and NSA validated degree programs, certificates, certifications, and DAU courses that align to the IT Career Field. The educational programs within this catalog have been approved by the IT & Cyber National Competency Leads for the Acquisition Workforce across the Navy.

▼ Organization

- The catalog is grouped by different types of degrees, certifications, and courses. The programs in this catalog are listed in the following order:
 - Bachelor's Degrees
 - Master's Degrees
 - Certificates and Certifications
 - DAU Courses

▼ Audience

- This catalog was designed to be used by the Naval Acquisition Workforce (AWF), specifically for those in the IT Career Field. Anyone can attend the degree and/or certification programs listed here, however, the DAU courses are specifically for the Acquisition Workforce.

▼ Funding for Training

- AWF members should seek AWTAP funds first to fund these programs. DAWDF can then be requested to supplement any additional costs above and beyond what AWTAP covers.



DAWIA Certification Information

▼ DAWIA Certification

- In some cases, the degree programs and/or certifications within this catalog may be used to fulfill courses for DAWIA IT Level I and Level II Certification
- AWF members may submit a course fulfillment package to the DAWIA Program Director for approval
 - For a course to serve as a fulfillment for a DAWIA certification course, students must demonstrate in a write up (DD 2518) that the course meets the objectives of the DAU course they are looking to fulfill, they must explain how and provide justification, and then obtain the appropriate signatures and approvals.

▼ To submit a Course Fulfillment Package Request:

1. Complete the DD 2518 form
2. Have your supervisor review and approve the form
3. Have an FAA review and approve the form
4. Submit the form for DAWIA Program Director (DPD) review
5. If the request is approved by the DPD, the DPD will send it to the NACC for input to eDACM



DAWIA Continuous Learning Information

▼ DAWIA Continuous Learning

- AWF members are required to have a minimum of 80 Continuous Learning points every two years. The programs, certifications, and DAU courses listed in this catalog can also be used as an option for fulfilling those Continuous Learning requirements. To request Continuous Learning, students need to submit a request in eDACM:
 - <https://www.atrrs.army.mil/channels/navyedacm/home/mydashboard>



Points of Contact

- ▼ Program Sponsor and Points of Contact
 - Program Sponsor
 - Sarah Rogers : sarah.rogers@navy.mil
 - Points of Contact
 - Lacey Wilson : Lacey.Wilson.ctr@navy.mil
 - Randy Velliquette : velliquette_randy@bah.com



Bachelor's Degrees

[Quick Links](#)



BS Information Systems

Overview

The Bachelor of Science in Information Systems degree program at the University of Alabama at Birmingham's Collat School of Business can give you the knowledge and skills to pursue your career goals in Information Systems. Whether you are interested in web development, cyber security, database management, or anything in between, UAB can provide you the credentials to launch your career.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Alabama at Birmingham, Alabama Program Details
Delivery Method	Online
Cost	\$91,296.00

[Quick Links](#)



BS Computer Science

Overview

The University of Advancing Technology's Advancing Computer Science Bachelor of Science Online degree is a highly developed online computer science degree. Online students of UAT's online computer science degree will be given the opportunity to be emerged into software engineering frameworks and systems all while integrating modern systems and elements of a computer science degree.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Advancing Technology, Arizona Program Details
Delivery Method	Online
Cost	\$94,600.00

[Quick Links](#)



BS Network Security

Overview

With technology evolving at the speed of light both in commerce and culture, online theft and corruption of information is becoming more and more prevalent and detrimental. As there continues to be a shortage of cyber security experts in both the private and government sectors, our country needs more network security degree graduates to protect our infrastructure. An online cyber security degree is offered at UAT as a Bachelor of Science in Network Security to create elite CEHs and network security professionals who will have mastery in ethical hacking.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Advancing Technology, Arizona Program Details
Delivery Method	Online
Cost	\$94,600.00

[Quick Links](#)



BS Technology Forensics

Overview

A technology forensics specialist is an Information Technology professional who supports the military, corporate, law enforcement and legal communities in the investigation and analysis of digital data. Students in the Technology Forensics degree will learn methods to obtain and document digital information, determine how information was compromised, trace attribution of malicious code and digital artifacts, and reverse engineer data in order to develop mitigations and countermeasures.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Advancing Technology, Arizona Program Details
Delivery Method	Online
Cost	\$94,600.00

[Quick Links](#)



BS Computer Science

Overview

The Computer Science Bachelor of Science program features: Quality instruction in accordance with Cal Poly Pomona's "learn by doing" philosophy. Real-life learning situations and project-oriented coursework that transfers seamlessly to industry environments.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180 credit hours
Institution	California Polytechnic Institute, Pomona Program Details
Delivery Method	In-person
Cost	\$56,128.00

[Quick Links](#)



BS Computer Science

Overview

The Bachelor of Science in Computer Science degree program provides a strong technical background for students planning to begin careers upon graduation and for those interested in graduate study in computer science. Degree requirements include courses in object oriented programming, data structures and algorithms, operating systems, computer communication networks, software engineering, and computer architecture, as well as mathematics, statistics, and the natural sciences. The program features a rigorous academic foundation that is complemented by realistic programming assignments. Emphasis is placed on developing both the technical and design skills necessary to begin and enhance an individual's career. Graduates of this program are well prepared for immediate employment in either the computer industry or many other businesses that increasingly rely on computer science.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180 credit hours
Institution	National University Program Details
Delivery Method	Online or in person
Cost	\$63,720.00

[Quick Links](#)



BS Information Systems

Overview

The Bachelor of Science in Information Systems (BSIS) program links business and technology, and there is great demand in the corporate world for people who can integrate all elements of the enterprise into a comprehensive network of responsive, proactive information delivery systems. Information systems have become increasingly important in fields such as healthcare and criminal justice. The BSIS program includes: data communications, systems analysis, system development, database management system, project management, enterprise architecture, IT infrastructure and IS strategy, management and acquisition.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180 credit hours
Institution	National University Program Details
Delivery Method	Online
Cost	\$63,720.00

[Quick Links](#)



BS Information Technology Management

Overview

The Bachelor of Science in Information Technology Management (BSITM) program is designed to meet the increasing demand for technology expertise in consulting, marketing and sales support, customer services and support, information and library science, and general management. This program is designed to provide students with understanding of basic information technology management concepts and practical technology skills. Graduates are prepared for positions in the areas of (1) Information Desktop Management and Administration, (2) Database Management Systems (DBMS) Development, Administration and Support, (3) Network Management and Support.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180 credit hours
Institution	National University Program Details
Delivery Method	Online or in person
Cost	\$63,720.00

[Quick Links](#)



BS Business Information Management

Overview

Administered by the Donald Bren School of Information and Computer Sciences, Business Information Management (BIM) is a collaborative, interdisciplinary degree program between the Bren School and The Paul Merage School of Business.

BIM majors receive a firm grounding in mathematics, statistics, software engineering, databases, economics and business accounting, management science and information technology. Students interested in learning how to apply computational methods and tools for achieving strategic business analysis and decision-making goals are encouraged to explore this degree program.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180
Institution	UC Irvine Program Details
Delivery Method	In-person
Cost	\$60,140.00

[Quick Links](#)



BS Cyber Security

Overview

From private corporations to government entities, cyber security specialists play a role in the development of network security systems and protocols that ensure the protection of our most vital data. Colorado Technical University's Bachelor of Science in Cyber Security degree program offers students the opportunity to gain the fundamental expertise can be useful in a career in this field.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	186 credit hours
Institution	Colorado Technical University Program Details
Delivery Method	Online or in person
Cost	\$45,473.00

[Quick Links](#)



BS Information Technology

Overview

Successful organizations use technology to find solutions to all kinds of business challenges, and professionals who understand how to use technology to contribute to productivity and the bottom line are valued. Colorado Technical University's Bachelor of Science in Information Technology-General Degree offers a project-based curriculum designed to help prepare students with industry-current, first-hand knowledge of the design, development and delivery of high-quality IT solutions. In addition to learning a solid, comprehensive grounding in the most important IT areas, students will create a portfolio of projects they can use to demonstrate their skills.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	184 credit hours
Institution	Colorado Technical University Program Details
Delivery Method	Online or in person
Cost	\$45,473.00

[Quick Links](#)



BS Business Technology Management

Overview

Regis University's Bachelor of Science in Business Technology Management degree is a unique hybrid degree that combines business, information technology and management courses to provide the blended skill set sought after by today's companies. Students gain insight and knowledge regarding the integrative nature of information technology and systems within the area of business. Students will also learn the impact of technology on business from the local to global perspective. Classroom Online Accelerated

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	128 credit hours
Institution	Regis University, Colorado Program Details
Delivery Method	Online or in person
Cost	\$60,210.00

[Quick Links](#)



BS Computer Networking

Overview

The Computer Networking (CN) degree prepares students for a career in data networking emphasizing the analysis, architecture, design, security architecture and administration of networks and network technologies. The CN course and laboratory work provide students the means to achieve recognized mastery of computer information technology concepts and their application to real-world business problems. Students will learn critical information security issues such as hackers, viruses and other acts of cyber-vandalism and the important role network and computer systems administrators play to protect data.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	128 credit hours
Institution	Regis University, Colorado Program Details
Delivery Method	Online or in person
Cost	\$60,210.00

[Quick Links](#)



BS Computer Science

Overview

Regis University's Bachelor of Science in Computer Science degree empowers students to expertly design and implement computational solutions that tackle the world's most challenging social, political, environmental, scientific, medical, economic, and business problems in a socially just manner. From the creation of highly visible app, web, and business applications to the design of specialized software used, for example, by journalists, artists, scientists, doctors, and nearly every commercial and non-profit organization in the world, computer scientists are involved in the professions that realize humanity's potential. Hence, computer science graduates are projected to remain in great demand for the foreseeable future in jobs that are often ranked as the top career to have.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	128 credit hours
Institution	Regis University Program Details
Delivery Method	Online or in person
Cost	\$60,210.00

[Quick Links](#)



BS Computer Information Systems

Overview

Computer information systems (CIS) graduates are tasked with solving some of the world's biggest challenges, like battling cybercrime, improving data security and advancing medical diagnostics. Our program is one of the few ABET-certified, fully-online programs available in the U.S. and will prepare you for an important role with responsibilities that go way beyond programming.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	128 credit hours
Institution	Regis University, Colorado Program Details
Delivery Method	Online or in person
Cost	\$60,210.00

[Quick Links](#)



BS Information Technology

Overview

The working world faces a major conundrum. The need to be hard wired into the network of today opens every business up to the hazards of cyber attacks, identity theft and corporate-level data breaches. Regis University's B.S. in Information Technology (IT) degree will give you the skills to implement and protect networks, build platforms, optimize mobile systems and develop a strong professional career in information technology.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	128 credit hours
Institution	Regis University Program Details
Delivery Method	Online or in person
Cost	\$60,120.00

[Quick Links](#)



BS Information Technology

Overview

A technology degree, offered online and/or on campus in the evenings, allows students to explore and develop practical skills in systems analysis and design, networking, and web design and programming. Whether you currently work in the information technology field, or aspire to, the hands-on instruction and interdisciplinary approach will provide you with the skills necessary to thrive in the IT industry. Complete your bachelor's degree with an information technology major to improve your knowledge of technology functions and issues for your own personal and professional development.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180 credit hours
Institution	University of Denver Program Details
Delivery Method	Online or in person
Cost	\$106,200.00

[Quick Links](#)



BS Computer and Network Security

Overview

Earn a degree in a growing tech sector. Wilmington University technology students learn the creative, technical, and managerial skills required to become competent practitioners and leaders in their chosen field.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Wilmington University, Delaware Program Details
Delivery Method	Online
Cost	\$45,120.00

[Quick Links](#)



BS Computer Science

Overview

Georgetown's Department of Computer Science consists of eighteen full-time faculty working in the areas of algorithms, artificial intelligence, bioinformatics, computer and network security, cryptography, database systems, data mining, distributed algorithms, distributed systems, human-computer interaction, information assurance, information retrieval, machine learning, networking, non-standard parallel computing, parallel algorithms, theory, and visual analytics.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	18 BS courses in addition to college requirements
Institution	Georgetown University, Washington, D.C. Program Details
Delivery Method	In-person
Cost	\$199,872.00

[Quick Links](#)



BS Computer Science

Overview

The Computer Science Department offers a program of study geared to students who wish to pursue careers in the emerging field of software engineering. The undergraduate curriculum provides students with a comprehensive knowledge of the theory, design and application of digital computers, information processing technologies and systems engineering.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Howard University, Washington, D.C Program Details
Delivery Method	In-person
Cost	\$90,948.00

[Quick Links](#)



BS Computer Information Systems

Overview

The undergraduate academic program of the Department of Information Systems and Decision Sciences leads to the degree of Bachelor of Business Administration with a major of Computer- Based Information Systems. The Department is also responsible for offering management science courses required of all the students in the School of Business. The objective of the department is to provide the students with a strong foundation in information systems and lifelong learning that would allow them to pursue careers in any Technology or Business field.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Howard University, Washington, D.C Program Details
Delivery Method	In-person
Cost	\$90,948.00

[Quick Links](#)



BS Computer Science

Overview

The Bachelor of Science (B.S.) program in computer science is a strong core-computer science program accredited by ABET, the professional society that accredits engineering programs. The B.S. program provides general education, strength in mathematics and science, communication and an in-depth program in computer science including a 8-credit Senior Design Project that closely models "industrial-strength" project development.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	125 credit hours
Institution	George Washington University, Washington, D.C. Program Details
Delivery Method	In-person
Cost	\$177,000.00

[Quick Links](#)



BS Technical Management

Overview

Our B.S. in Technical Management program is built for students looking for a move into the management ranks and seeking the personal satisfaction and financial rewards that go along with it. With a system that leverages online and face-to-face instruction and a network of education facilities designed to support student advancement both in the U.S. and abroad, ERAU's Worldwide Campus is accessible to anyone. Whether you're working full time or balancing a work and home life, you can study and take courses when it's convenient for you.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Embry-Riddle University Program Details
Delivery Method	Online
Cost	\$175,200.00

[Quick Links](#)



BS Computer Information Systems

Overview

The Bachelor of Science in Computer Information Systems (CIS) provides the solid foundation of technical skills, business knowledge and computing technologies necessary to design, develop and implement business solutions for today's complex systems. Gain comprehensive coverage of CIS concepts, theories and practices in key technology-driven areas of programming languages, database and software systems, network theory and design, decision analysis, Internet and Web applications and systems analysis and design.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	124 credit hours
Institution	Florida Technical Institute Program Details
Delivery Method	Online
Cost	\$63,240.00

[Quick Links](#)



BS Computer Science

Overview

This major develops core competencies in programming, database structure, computer organization, and operating systems. It allows opportunities to study a range of other aspects of computer and information science, such as information security, data communication/ networks, computer and network systems administration, theoretical computer science, and software engineering. Every student can expect to become proficient at programming in C, C++, and Assembly Language. Additionally, students will be exposed to other languages such as Java, C#, Ada, Lisp, Scheme, Prolog, Perl, and HTML.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Florida State University Program Details
Delivery Method	Online
Cost	\$86,520.00

[Quick Links](#)



BS Computer Science

Overview

The computer science program combines a strong engineering-oriented technical basis with a flexible interdisciplinary component and an emphasis on communication skills. This flexibility will be increasingly important in the future as computers become more important tools in an ever-increasing number of disciplines.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Florida Program Details
Delivery Method	Online
Cost	\$66,314.00

[Quick Links](#)



BBA Information Security and Assurance

Overview

Students enrolled in our BBA in information security and assurance (ISA) program receive real-world experience to analyze and secure information and information systems. Students learn management and technology solutions to mitigate the risks associated with modern information usage.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	123 credit hours
Institution	Kennesaw State University, Georgia Program Details
Delivery Method	Online
Cost	\$75,516.00

[Quick Links](#)



BS Information Security and Assurance

Overview

The Bachelor of Applied Science with a concentration in Information Security and Assurance (BAS-ISA) degree program is the first of its kind at a public institution in Hawai'i and the Pacific. In response to national and state needs for graduates with education in Information Security, the University of Hawai'i - West O'ahu, in cooperation with University of Hawaii Community Colleges, state and federal law enforcement agencies, state security officials, and local businesses, developed an expansive security education program covering a wide variety of technical and managerial aspects within the field.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	123 credit hours
Institution	University of Hawaii, West Oahu Program Details
Delivery Method	In-person
Cost	\$65,808.00

[Quick Links](#)



BS Information Technology

Overview

Information Technology programs provide students with the skills required to design, develop, deploy and maintain modern business computer systems and applications. When enhanced with a strong business foundation, students also learn the application of general management, critical thinking, communication and problem solving skills in a technical environment.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	123 credit hours
Institution	University of Hawaii, West Oahu Program Details
Delivery Method	In-person
Cost	\$65,808.00

[Quick Links](#)



BS Computing, Electronics and Network Technology

Overview

Computing, electronics, and networking programs provide students with the skills required to design, install, configure and maintain enterprise-wide networks. When enhanced with a strong business foundation, students also learn the application of general management, critical thinking, communication and problem solving skills in a technical environment.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	123 credit hours
Institution	University of Hawaii, West Oahu Program Details
Delivery Method	In-person
Cost	\$65,808.00

[Quick Links](#)



BA Information and Computer Sciences

Overview

The IT focus prepares students to work in practical areas such as system and network administration, where the most employment opportunities in Hawai'i seem to occur. Beyond the first year computer science courses, IT students take courses in scripting languages, algorithms, software engineering, data networks, databases, computer security, and human-computer interaction. These courses prepare students to develop and manage computer applications in a broad range of environments including small businesses, large enterprises, IT consulting firms, and local and federal government.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Hawaii, Manoa Program Details
Delivery Method	In-person
Cost	\$54,360.00 residents, \$164,520.00 non-residents

[Quick Links](#)



BS Computer Science

Overview

As everyday life increasingly relies on network computation and information, security has become a central problem for ICS. The tasks of protecting security and privacy offer a growing range of employment and business opportunities for ICS graduates—this Focus Area opens up career paths towards this expanding and exciting area. Although computation begins with programming, modern applications often involve physical and social interactions that cannot be programmed or engineered. The processes of security, privacy, and trust, as studied in SecSci, go beyond the engineering aspects of computation and into computer science as a genuine science.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Hawaii, Manoa Program Details
Delivery Method	In-person
Cost	\$54,360.00 residents, \$164,520.00 non-residents

[Quick Links](#)



BS Computer Science

Overview

The BS in Computer Science at DePaul CDM prepares students to answer such questions, providing them with the skills necessary to contribute to this vital aspect of our culture. Computer Science is a richly rewarding intellectual discipline that combines aspects of Mathematics, Science and Engineering.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	192 credit hours
Institution	DePaul University, Illinois Program Details
Delivery Method	Hybrid, fully online for incoming transfer students
Cost	\$148,080.00

[Quick Links](#)



Bachelor of Science in Information Security and Risk Management

Overview

Lewis' information security degree curriculum combines technical knowledge with managerial theory - providing students with a deep foundational understanding of information security, risk management, security management, IT operations, data communications, computer forensics and ethical hacking.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	128 credit hours
Institution	Lewis University, Illinois Program Details
Delivery Method	Distance Learning - Online
Cost	\$76,160.00

[Quick Links](#)



Bachelor of Science in Information Technology Management

Overview

Designed for the convenience of the working adult, Lewis' innovative Information Technology Management program is focused on the essentials for IT leadership success.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	128 credit hours
Institution	Lewis University, Illinois Program Details
Delivery Method	Distance Learning - Online
Cost	\$76,160.00

[Quick Links](#)



BS Information Technology

Overview

The BS in Information Technology focuses on preparing graduates who are able to configure software to meet the needs of organizations. Students acquire skills related to the selection, creation, application, integration and administration of computing technologies. This degree prepares you to become skilled in problem solving and programming, networks and communications systems, databases, Internet and Web technologies, security and project management, and have a strong grasp of business concepts and technical communications.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	192 credit hours
Institution	DePaul University, Illinois Program Details
Delivery Method	Hybrid, fully online for incoming transfer students
Cost	\$148,080.00

[Quick Links](#)



BS Computer Science

Overview

The Bachelor of Science degree in Computer Science is designed to provide graduates with a strong foundation in computer science and related disciplines. The curriculum encourages students to become knowledgeable of cutting-edge techniques and practices, yet ensures that they learn the requisite core skills and theoretical foundations that have historically driven computer science. Graduates of the Bachelor of Science program have been successful in earning advanced degrees and in pursuing careers in research and application-oriented positions in business, industry, government, and education.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Illinois, Springfield Program Details
Delivery Method	Online
Cost	\$160,000.00

[Quick Links](#)



BS Information Systems Security

Overview

The B.S. in Information Systems Security is designed to provide a foundation in Information Systems Security, which will include design and implementation of secure systems, security assessment, and computer security ethics. Our graduates will understand critical concepts in Information Systems Security, be able to demonstrate and communicate best security practices, design and implement secure systems, adhere to and promote ethical standards.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Illinois, Springfield Program Details
Delivery Method	Online
Cost	\$160,000.00

[Quick Links](#)



BS Computer Science

Overview

FHSU online Computer Science curriculum is designed to help you develop analytical problem-solving technical skills. Upon graduation, you will be ready to create software applications to efficiently solve complex, real-world problems.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Fort Hays University Program Details
Delivery Method	Online
Cost	\$69,240.00

[Quick Links](#)



BS Business Information Systems

Overview

Business Informatics will teach you how to integrate technology into business operations, and you can tailor your experience to focus on areas that interest you, such as e-commerce or systems analysis. These skills will prepare you for a career in a private or non-profit organization, a government agency or an educational institution. Plus, a variety of internships with major businesses in the area are available to give you professional experience.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	102 credit hours
Institution	Northern Kentucky University Program Details
Delivery Method	Online
Cost	\$71,424.00

[Quick Links](#)



BS Cybersecurity

Overview

The emerging field of Cybersecurity is based on an evolving discipline that involves the study of strategy, policy, and standards regarding the security of and operations in cyberspace. Topics include threat reduction, vulnerability reduction, deterrence, international engagement, incident response, resiliency, and recovery policies and activities, including computer network operations, information assurance, law enforcement, diplomacy, military, and intelligence missions as they relate to the security and stability of the global information and communications infrastructure (National Initiative for Cybersecurity Careers and Studies).

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Maine at Augusta Program Details
Delivery Method	Online
Cost	\$79,800.00

[Quick Links](#)



BS Cyber and Information Security

Overview

The bachelor of science in cyber and information security (BSCIS) is designed to meet current and anticipated needs for highly trained professionals. As a BSCIS student, you will have the chance to build on the foundations of computer science and information technology, and develop a mastery of information assurance and security concepts, tactics and strategies.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	130 credit hours
Institution	Capitol Technical University, Maryland Program Details
Delivery Method	Hybrid
Cost	\$100,360.00

[Quick Links](#)



BS Computer Networks and Cybersecurity

Overview

The bachelor's degree program in computer networks and cyber security begins with courses designed to build your foundational IT skills. You'll then focus on the network security side of IT, learning Microsoft and Cisco technologies, as well as other cyber security and digital forensics topics. Specifically, you'll write a proposal to design a network, including a plan to administer and maintain the network; learn how to install and configure advanced Windows server services; implement advanced server infrastructure; and troubleshoot IT problems.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$34,080.00 residents \$59,880.00 non-residents

[Quick Links](#)



BS Cybersecurity Management and Policy

Overview

In University of Maryland University College's bachelor's degree program in cybersecurity management and policy, you can prepare to become a leader in the protection of data. This innovative, world-class program uses a multidisciplinary approach—drawing from fields such as management, law, science, business, technology, and psychology—to provide you with the most current knowledge and skills for protecting critical cyber infrastructure and assets.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$34,080.00 residents \$59,880.00 non-residents

[Quick Links](#)



BS Information Systems Management

Overview

Developed by chief information officers and other high-level IT professionals, the bachelor's degree program in information systems management at University of Maryland University College is well-suited for those looking to move into a management position and bridge the gap between an organization's functional users and technical developers.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$34,080.00 residents \$59,880.00 non-residents

[Quick Links](#)



BS Computer Science

Overview

In the bachelor's program in computer science, you'll learn programming, algorithm optimization and enhancement, and the theory, science, and math behind modern computing. Specifically, you learn about Java, C++, OpenGL, Octave, and MATLAB. Your courses will include data structures and analysis, computer systems and architecture, image and signal processing, and more

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$34,080.00 residents \$59,880.00 non-residents

[Quick Links](#)



BS Information Systems

Overview

The BS program prepares students for all potential career positions in the IS field. These include: Systems Analysis and Design, Computer Networking and Health Care Informatics.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120
Institution	University of Maryland, Baltimore County Program Details
Delivery Method	In-person
Cost	\$44,024.00 Maryland residents \$95,080.00 non-residents

[Quick Links](#)



BS Computer Science

Overview

Graduates of the computer science program are well prepared for advanced studies and for problem-solving across the breadth of the discipline: the theory, design, development and application of computers and computer systems. Major areas within the computer science program include programming languages, algorithms, operating systems, computer architecture, database systems, and theory of computation. The program can be completed in four years and is designed to provide students with a firm grounding in the basics in each of these areas, and deeper understanding in several of them.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120
Institution	University of Maryland, Baltimore County Program Details
Delivery Method	In-person
Cost	\$44,024.00 Maryland residents, \$95,080.00 non-residents

[Quick Links](#)



Accelerated BS Information Technology

Overview

Rapid changes in information technology (IT) are forcing corporations to reconsider what it takes to sustain competitive advantage. Northeastern is dedicated to educating the next generation of IT leaders who can apply information technology to fuel innovation and solve business problems. The Fast-Track Bachelor of Science in Information Technology emphasizes the combination of outstanding technical skills, communication and leadership skills, and specialization in essential IT domains needed to grow your career.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	60 credit hours
Institution	Northeastern University, Boston Program Details
Delivery Method	Online
Cost	\$30,240.00

[Quick Links](#)



BS Information Technology

Overview

The Bachelor of Science in Information Technology program provides students with the opportunity to develop strengths in the analysis, applied design, development, implementation, and management of information technology systems. Courses cover the critical technology areas of programming for traditional, Web, and mobile applications, and for networking, database, and information security. This provides the breadth of knowledge needed to develop maintain and support modern applications. In addition, the curriculum includes courses focused on key business areas needed to integrate and manage technology and technology projects in the workplace.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Northeastern University Program Details
Delivery Method	Online
Cost	\$60,480.00

[Quick Links](#)



BS Information Technology

Overview

With UMass Lowell's wide array of IT course offerings, students are able to study a number of different subjects including programming, networking, database management, website design, multimedia and more. Courses are available in topics such as Java Programming, Web Development, Linux / UNIX Systems Administration, Network Security, and Relational Database Concepts.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of Massachusetts Lowell Program Details
Delivery Method	Online
Cost	\$44,400.00

[Quick Links](#)



BS Computer Information Systems

Overview

You will be provided with the performance-based skills necessary to design, develop, test and evaluate computer applications and system software. We ready you to analyze and solve programming problems for specific network systems, and develop custom programs to meet specific customer needs to enhance organizational productivity and efficiency. You will graduate with versatile programming competencies including Java, C++ and C# - languages that are in high demand.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Davenport University, Michigan Program Details
Delivery Method	Online
Cost	\$74,760.00

[Quick Links](#)



BS Information Technology: Information Assurance and Security

Overview

Capella University's online bachelor's in Information Assurance and Security helps you apply the latest methods of effective enterprise-wide security to ensure the safeguarding and confidentiality of any secure data. The information security degree delves into subjects such as database systems, software architecture, programming, human-computer interaction, and more. The program also covers the areas of ethics and project management.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180 credit hours
Institution	Capella University, Minnesota Program Details
Delivery Method	Online
Cost	\$70,920.00

[Quick Links](#)



BS Computer Information Systems

Overview

Walden's BS in Computer Information Systems program is designed to provide you with the technical and business skills you need to help people and organizations as you advance your career and prepare to change your world and the world of those around you.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	181 credit hours
Institution	Walden University, Minnesota Program Details
Delivery Method	Online
Cost	\$60,825.00

[Quick Links](#)



BS Information Technology

Overview

Through hands-on lab activities, you will have the opportunity to collaborate with cross-functional teams and problem-solve real-world challenges. You will also gain the added advantage of joining Walden's diverse learning community—an experience that helps uniquely position you to work in the multicultural, interdisciplinary teams typical of today's global, IT-driven economy.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	181 credit hours
Institution	Walden University, Minnesota Program Details
Delivery Method	Online
Cost	\$60,825.00

[Quick Links](#)



BS Computer Information Systems

Overview

The online Computer Information Systems degree prepares you for a variety of technology careers and provides a foundation to pursue graduate studies. The Bellevue University Bachelor of Science in CIS is mapped to the ACM and ABET standards for model Information Systems undergraduate programs. At completion of the degree you will be able to perform the following: Analyze a problem to identify and define the computing requirements appropriate to its solution. Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	127 credit hours
Institution	Bellevue University, Nebraska Program Details
Delivery Method	Online
Cost	\$52,070.00

[Quick Links](#)



BS Cybersecurity

Overview

The Bellevue University Bachelor of Science in Cybersecurity offers an inclusive education in the theory and application of technical and non-technical security skills. The degree covers the relevant knowledge and skills to apply protection, detection, response technologies, and procedures. You will learn to apply them in various cyber security environments where you need to identify threats, vulnerabilities, exploits, and controls. Integrating hands-on, applied learning with theory, all Bellevue University degrees are designed to deliver a transformative learning experience that is flexible to accommodate your personal and work life.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	127 credit hours
Institution	Bellevue University, Nebraska Program Details
Delivery Method	Online
Cost	\$52,070.00

[Quick Links](#)



BS Information Technology

Overview

Bellevue University's online Information Technology degree provides you with the foundational skills needed to enter the IT profession. Coursework in this technical degree aligns with widely recognized and respected IT certifications. You will learn the fundamentals of networks, servers, and cloud environments. You will become skilled in best practices for installation, configuration, and upgrading of personal computers and operating systems. Additionally, you will become proficient in other critical IT skills, such as implementation of policies and standards for cloud and local server environments.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	127 credit hours
Institution	Bellevue University, Nebraska Program Details
Delivery Method	Online
Cost	\$52,070.00

[Quick Links](#)



BS IT Operations Management

Overview

The IT Operations Management degree program provides foundations in information technology systems and infrastructure, oral and written business communications and presentation, leadership and teambuilding, financial and project management, emerging technologies, vendors, contracts, and strategic planning. You will learn how to see the big picture, manage interconnected systems and processes, and communicate the implications of project implementation up and down an organization.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	127 credit hours
Institution	Bellevue University, Nebraska Program Details
Delivery Method	Online
Cost	\$52,070.00

[Quick Links](#)



BS Management Information Systems

Overview

The Bellevue University Management Information Systems (MIS) degree enables information technology professionals the opportunity to strengthen current technology, business, and management skills, as well as broaden their understanding of information technology industry trends. The MIS curriculum stresses business knowledge and real world application of knowledge and skills. You will cover key concepts of information technology, information systems management, interpersonal and organizational communications, and project management.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	127 credit hours
Institution	Bellevue University, Nebraska Program Details
Delivery Method	Online
Cost	\$52,070.00

[Quick Links](#)



BS Cybersecurity

Overview

The Bachelor of Science in Cybersecurity program is aligned with the academic requirements for Cybersecurity set by National Security Agency (NSA). This new cyber security program prepares you for jobs with the U.S. Cyber Command, the NSA's signals intelligence operations, the Federal Bureau of Investigation, and private companies who need cyber security professionals.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Excelsior College, New York Program Details
Delivery Method	Online
Cost	\$61,200.00

[Quick Links](#)



BS Information Technology

Overview

Our IT bachelor's degree program meets or exceeds the same academic standards that govern IT degree programs at traditional colleges. You'll study with outstanding faculty drawn from some of the nation's leading IT degree programs, while gaining job-ready skills and expertise

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Excelsior College, New York Program Details
Delivery Method	Online
Cost	\$61,200.00

[Quick Links](#)



BS Technology Management

Overview

The Bachelor of Science in Cybersecurity program is aligned with the academic requirements for Cybersecurity set by National Security Agency (NSA). This new cyber security program prepares you for jobs with the U.S. Cyber Command, the NSA's signals intelligence operations, the Federal Bureau of Investigation, and private companies who need cyber security professionals.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Excelsior College, New York Program Details
Delivery Method	Online
Cost	\$61,200.00

[Quick Links](#)



BS Computer Technologies

Overview

Excelsior's online computer technology classes uphold the same academic standards that govern traditional computer science degree programs. You'll take online computer science classes from outstanding faculty who have years of industry experience, while gaining practical, job-ready skills in areas such as:

- Computer architecture
- Databases
- Security
- Systems analysis
- Programming

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Excelsior College, New York Program Details
Delivery Method	Online
Cost	\$61,200.00

[Quick Links](#)



BS Computer Information Systems

Overview

The Department of Mathematics and Computer Information Science will prepare you for some of today's most in-demand professions: Mathematics, IT, Computer Information Systems, and Computer Science, Information Assurance and Security, as well as other evolving industries. There is a constant demand for innovative minds to create solutions and exceed challenges in these areas. Our degree options will provide you with the knowledge and skills to make your mark in the vast Mathematics and CIS arenas.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Mercy College, New York Program Details
Delivery Method	Online
Cost	\$72,304.00

[Quick Links](#)



BS Computer Science

Overview

The program is more than just theoretical background. You'll get the practical experience you'll need to make yourself attractive in the computer science profession, related fields, and to succeed in a technological society.

You'll learn programming skills (currently in Java and C++), Software Engineering, Computer Architecture, Operating Systems and Computer Networking.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Mercy College, New York Program Details
Delivery Method	Online
Cost	\$72,304.00

[Quick Links](#)



BS Cybersecurity

Overview

We live in an information society. Nothing could be more important than protecting that information. Today, security software professionals are in high demand. Interested? Mercy College is the place for you. With a Bachelor of Science in Cybersecurity, you can test, implement and configure any new security software and/or technologies, apply sound security policy to their daily jobs, and provide protection and disaster recovery to companies' business systems.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	Mercy College, New York Program Details
Delivery Method	Online
Cost	\$72,304.00

[Quick Links](#)



BS Professional Technology Studies

Overview

The iPace BS in Professional Technology Studies positions you for success in professions where qualified people are constantly in high demand. There are two concentrations: Computer Forensics and Business Technology Leadership

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credits
Institution	Pace University, New York Program Details
Delivery Method	Online
Cost	\$66,600.00

[Quick Links](#)



BS Cybersecurity

Overview

Our online BS in Cybersecurity program offers you a unique opportunity to take the most extensive coursework offered in digital forensics and intrusion investigations, cyber operations, fraud investigations, homeland security and emergency management, and information assurance offered in academia built into a convenient and flexible online format. Students can earn their bachelor's degree part time in approximately three years, though the program can be completed in a shorter time frame by taking more than six credits per semester.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	138 credit hours
Institution	Utica College Program Details
Delivery Method	Online
Cost	\$62,100.00

[Quick Links](#)



BS Information Technology

Overview

The BS in Information Technology is a new degree program, available online, beginning the Fall semester 2016. This program provides students with the core skills needed to enter and be successful in the Information Technology (IT) profession. Students will have the opportunity to learn the foundations of networks, servers, storage, mainframe/enterprise systems and cloud environments. The program has a focus on mainframe education. This niche area was identified because of: 1) the department's acquisition of a z9 Enterprise system, 2) the scarcity of mainframe education programs in the country, and 3) the high demand for talent in this area.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	125 credit hours
Institution	North Carolina A&T University Program Details
Delivery Method	Online
Cost	\$68,125.00

[Quick Links](#)



BS Computer Science (Post Bac)

Overview

Oregon State University's School of Electrical Engineering and Computer Science (EECS) offers an undergraduate program that is geared to individuals who have a bachelor's degree in any field, so no previous computer science training is required. The program is delivered entirely online by OSU Ecampus.

In this online degree program, students gain knowledge and skills in programming fundamentals, software engineering, computer systems and networking, mobile and web development, and user interfaces

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	60 credit hours
Institution	Oregon State University Program Details
Delivery Method	Online
Cost	\$84,600.00

[Quick Links](#)



Bachelor of Science in Security and Risk Analysis

Overview

The degree looks at how to design secure systems, evaluate and measure risk, and ensure that proper levels of privacy are maintained for individual technology users, businesses, government, and other organizations. Courses specific to information and cyber security are embedded within the degree program. These courses can provide you with an understanding of the theories, skills, and technologies associated with network security, cyber threat defense, information warfare, and critical infrastructure protection across multiple industries.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 Credits
Institution	Pennsylvania State University Program Details
Delivery Method	Online
Cost	\$65,000.00 - \$70,000.00

[Quick Links](#)



BS Computing and Security Technology

Overview

The program emphasizes practical hands-on education and provides fundamental concepts that are supplemented by work experience. The curriculum is designed for those currently employed in the field of information technology who are seeking a career change or personal enrichment; or working adults who have already earned an associate's degree or completed approximately two years of college work.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	185 credit hours
Institution	Drexel University, Pennsylvania Program Details
Delivery Method	Online
Cost	\$88,615.00

[Quick Links](#)



BS Information Sciences and Technology

Overview

Penn State's College of Information Sciences and Technology is a leader among an emerging group in higher education known as i-schools, or information schools. Your faculty members in this online program are the same faculty who teach our respected on-campus programs. They are a diverse group of thought leaders from numerous fields, including computer science, engineering, psychology, chemistry, artificial intelligence, and more.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	125 credit hours
Institution	Penn State University Program Details
Delivery Method	Online
Cost	\$72,375.00

[Quick Links](#)



BS Information Systems

Overview

Our IS degree is based on a core 30 credits which includes an internship and/or undergraduate research. Then, you'll choose a specialization in one of three areas: business analysis, software development, and project management.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	South Dakota State University Program Details
Delivery Method	Online
Cost	\$60,190.00

[Quick Links](#)



BS Cyber Operations

Overview

You will start with a strong base of programming, math, and networking and then apply that knowledge to the most technical areas of cyber security. At the core of the degree, you learn how reverse engineering works, analyze malware and exploit software. You will better understand the hacker mindset and be able to discover vulnerabilities in widespread computer systems.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	South Dakota State University Program Details
Delivery Method	Online
Cost	\$60,190.00

[Quick Links](#)



BS Network Systems

Overview

At DSU, we'll teach you all the basics: networking, business management, cyber security, virtualization and forensics. We'll help you develop networking and security skill sets that will provide a foundation for a life-long career. Graduates will also have a solid business management background, so you can be a more effective communicator and leader.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	South Dakota State University Program Details
Delivery Method	Online
Cost	\$60,190.00

[Quick Links](#)



BS Computer Science

Overview

At DSU, we'll teach you all the basics: networking, business management, cyber security, virtualization and forensics. We'll help you develop networking and security skill sets that will provide a foundation for a life-long career. Graduates will also have a solid business management background, so you can be a more effective communicator and leader.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	South Dakota State University Program Details
Delivery Method	Online
Cost	\$60,190.00

[Quick Links](#)



BS Network Security and Forensics

Overview

Network Security and Forensics (NSF) is an Information Technology degree program offered by Fountainhead College that trains students to prepare and protect networks, intranets, and websites. The NSF program's core focus is on securing computer networks and diagnosing problems, security risks, and cyber analysis processes. Network security and digital forensics professionals harden computer networks against unauthorized access and intrusion.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	126 credit hours
Institution	Fountainhead College of Technology, Tennessee Program Details
Delivery Method	Online
Cost	\$58,200.00

[Quick Links](#)



BS Information Science

Overview

The Bachelor of Science in Information Science at the University of North Texas is designed to equip graduates with the knowledge needed to build competencies in important and emerging areas such as information organization, information architecture, information seeking and use, health informatics, knowledge management, digital content and digital curation, and information systems.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credit hours
Institution	University of North Texas Program Details
Delivery Method	Online
Cost	\$52,309.00

[Quick Links](#)



Bachelor of Science in Information Technology

Overview

Students will master the technologies and services employed in modern information system environments, gaining insights from a faculty who are current industry leaders and professionals.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	180 credits
Institution	City University of Seattle Program Details
Delivery Method	Online
Cost	\$30,000.00 (Special Military and DoD Rate)

[Quick Links](#)



Bachelor of Applied Science, Cybersecurity Concentration

Overview

Students can customize their degree by choosing a concentration in computer forensics and vulnerability management or information warfare and security management. The cyber security curriculum balances general education and core cyber security courses (many of which can be fulfilled through transfer credits) with elective and project-based courses that allow students to delve into sub-areas such as national security policy, offensive and defensive information warfare, penetration testing, and malware forensics. All courses are designed to hone foundational skills in critical thinking, research and analysis, ethical decision-making, and oral and written communications.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credits
Institution	Norwich University, Vermont Program Details
Delivery Method	Online
Cost	\$50,000.00

[Quick Links](#)



Bachelor of Science in Management Information Systems

Our online Management Information Systems (MIS) degree prepares you to succeed in this fast-growing field, teaching you the skills you need to understand, assess, plan and manage your company's technology needs. With an MIS degree, you'll have know-how to bridge gaps between business and information technology and effectively implement information systems solutions to benefit your entire organization.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credits
Institution	Champlain College, Vermont Program Details
Delivery Method	Online
Cost	\$76,920.00

[Quick Links](#)



Bachelor of Science in Computer & Information Systems

Overview

Administer and secure network systems to ensure a stable enterprise information system environment - Use scripting languages and web services to transfer data and add interactive components to web pages - Identify and analyze user needs and take them into account in the selection, creation and evaluation of computer-based systems - Analyze the information needs of an organization to design or improve the enterprise level information systems needed to meet organizational objectives - Employ project management tools and techniques to complete tasks on time and on budget - Effectively utilize database and database management systems to organize, store and retrieve data for use by application software - Apply a specialized area of IT knowledge to contribute to the development of a multi-functional information system.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
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Requirements to be Completed	120 credits
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Institution	Champlain College Program Details
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Delivery Method	Online
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Cost	\$76,920.00
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[Quick Links](#)



Bachelor of Science in Computer Forensics & Digital Investigations

Overview

Our online computer forensics bachelor's degree will teach you, through virtual hands-on learning and application, to identify and respond to cybersecurity breaches and computer network hacks. In our computer forensics and digital forensics program, you will learn the skills necessary to analyze and recover data that has been compromised, as well as to understand the source of the breach.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credits
Institution	Champlain College Program Details
Delivery Method	Online
Cost	\$76,920.00

[Quick Links](#)



Bachelor of Science in Cybersecurity

Overview

Upon completion, students will be able to: Evaluate the computer network and information security needs of an organization - Assess cybersecurity risk management policies in order to adequately protect an organization's critical information and assets - Measure the performance of security systems within an enterprise level information system - Troubleshoot, maintain and update an enterprise level information security system - Implement continuous network monitoring and provide real-time security solutions - Formulate, update and communicate short- and long-term organizational cybersecurity strategies and policies

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
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Requirements to be Completed	120 credits
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Institution	Champlain College Program Details
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Delivery Method	Online
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Cost	\$76,920.00
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[Quick Links](#)



Bachelor of Science in Computer Information Technology

Overview

Program curriculum includes the design, development and management of systems within an organization.

Target Audience	Career Level – Early to Middle *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	120 credits
Institution	Brigham Young University, Utah Program Details
Delivery Method	Online
Cost	\$20,000.00

[Quick Links](#)



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Master's Degrees

[Quick Links](#)



Master of Science in Government Information Leadership

Overview

The Master of Science in Government Information Leadership (GIL) Degree Program is a selective program that addresses the educational needs of defense and government leaders who seek to lead complex and diverse 21st Century organizations. Participants from across defense and other federal, state, and local government organizations create a learning community hallmarked by partnerships, information sharing and network synergies.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credits (12 courses)
Institution	National Defense University (NDU) iCollege Program Details
Delivery Method	In-person
Cost	\$ No Cost

[Quick Links](#)



MS in Digital Forensic Science

Overview

The Masters of Digital Forensic Science curriculum builds on your existing digital forensics knowledge and advances you to the next level of expertise.

The digital forensic courses in this program are specifically designed to be applicable and relevant to the current and emerging digital forensic landscape, while also providing a framework of core digital forensic principals.

The culmination of the degree is in the form of a capstone research project that allows students to integrate all insights, learning, and observations into a single work-based project.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Champlain College Online Program Details
Delivery Method	Distance Learning - Online
Cost	\$24,000.00 Discounts available for federal employees

[Quick Links](#)



MS in Information Security Operations

Overview

Champlain's online Master of Digital Forensic Science program trains students to be scientists who use digital evidence to investigate a variety of crimes and develop methods with which evidence can be collected for the courts. You won't find a graduate-level digital forensic science program with more credibility. Our programs were voted best in the country by SC Magazine in 2013 and 2015, and Champlain College has been designated as a National Center of Digital Forensics Academic Excellence by the Defense Cybercrime Center. That means we offer the most inspired – and relevant - instruction and curriculum available.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Champlain College Online Program Details
Delivery Method	Online
Cost	\$24,000.00 Discounts available for federal employees

[Quick Links](#)



MS in Information Systems

Overview

Building upon the information systems core that is taught at the undergraduate level, the Master of Science in Information Systems (MSIS) is targeted at existing IT professionals who wish to move into leadership positions in their organizations as well as working professionals in other career fields who are seeking to enter the high demand field of information technology.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Auburn University Program Details
Delivery Method	Online
Cost	\$25,500.00

[Quick Links](#)



MS in Information Management

Overview

The W. P. Carey School of Business information management program will prepare students to manage in an information technology environment. Students will also learn the business skills needed to leverage IT and gain a competitive advantage in the global economy.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Arizona State University Program Details
Delivery Method	Online
Cost	\$35,700.00

[Quick Links](#)



MS in Management Information Systems

Overview

The University of Arizona's online Master's in Management Information Systems (MS MIS) degree enables you to bolster your management, technical and analytical skills while benefiting from the department's top-five ranking, world-renowned faculty and cutting-edge curriculum – all from the convenience of your home or office.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	The University of Arizona, Tucson Program Details
Delivery Method	Online
Cost	\$45,045.00

[Quick Links](#)



MS Information Assurance

Overview

The program is designed around the skills associated with coordinating security efforts related to information technology and many other fields relating to security initiatives and standards. Students will discover the importance of a comprehensive system-wide information security program to ensure that appropriate policies, standards and procedures designed to protect the security of information are documented and followed. The Information Assurance degree reflects the application of theory and an alignment with industry standards and guidelines.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	University of Advancing Technology Program Details
Delivery Method	Online
Cost	\$52,500.00

[Quick Links](#)



MS Information Systems

Overview

The Professional MIS provides the best of both online and in-class learning. Work on assignments on your own schedule while learning in-person from top university professors at the only Research 1 university in the State of Arkansas.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours Thesis or graduate project required
Institution	University of Arkansas at Little Rock Program Details
Delivery Method	Coursework primarily online Requires on-campus interaction one Saturday each month
Cost	\$25,750.00

[Quick Links](#)



MS Information Quality

Overview

The Information Quality (IQ) Graduate Program at the University of Arkansas at Little Rock is designed to prepare students to pursue a variety of IQ careers such as Chief Data Officer, Information Quality Manager, Director of Data Governance, Data Steward, Information Quality Analyst, and Data Scientist, or to pursue doctoral-level graduate studies in preparation for information quality research and instructional roles.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	University of Arkansas at Little Rock Program Details
Delivery Method	Online or in person
Cost	\$23,100.00

[Quick Links](#)



MS in Information Science

Overview

The information and data sciences disciplines are expanding rapidly thanks to an ever present demand for new innovations in information retrieval, storage, and analysis tools and techniques. The Master of Science in Information Science is a 33 credit hour program which is designed to give individuals the advanced knowledge, skills, and technologies for working with large amounts of complex data. This degree will also serve as a stepping towards pursuing other graduate degrees such as the PhD in Integrated Computing – Information Science track.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours Thesis or graduate project
Institution	University of Arkansas at Little Rock Program Details
Delivery Method	Online
Cost	\$23,100.00

[Quick Links](#)



MS in Cyber Security and Information Assurance

Overview

The Master of Science in Cyber Security and Information Assurance is a professional degree for those who endeavor through technical and managerial measures to ensure the security, confidentiality, integrity, authenticity, control, availability and utility of the world's computing and information systems infrastructure. The program has a required core and a required specialization which can be selected from some alternatives. The core is designed to provide a means of supporting the variety of backgrounds (both education and work experience) that those who wish to study this area may bring to the program. The core is also a statement of the knowledge domain that is common to most efforts in this area. The specializations provide for study in particular domains of knowledge within the field - which are also tied to communities of effort within the field.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	58.5 credit hours
Institution	National University Program Details
Delivery Method	Online
Cost	\$24,000.00

[Quick Links](#)



MS in Management Information Systems

Overview

The Master of Science in Management Information Systems (MSMIS) program is designed to provide students with the requisite management, business, strategic, and technical skills needed to help them apply information systems technology more efficiently and effectively. The MSMIS program's objective is to close this gap by providing the needed education and career development foundations, including oral, written, and presentation skills; technical skills; people and business skills; and ethics and professionalism, which are integrated throughout its individual courses. The curriculum is designed as a set of interrelated building blocks consisting of foundations, core, integration, and career tracks.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	54 credit hours
Institution	National University Program Details
Delivery Method	Online
Cost	\$22,000.00

[Quick Links](#)



Master of Computing Technology

Overview

The MCT degree offers its graduates the knowledge and skills necessary to specify, evaluate, and manage computer system development, as well as the ability to provide technical guidance in the analysis, design, and application of software and firmware used in the Navy. The MCT program consists of 12 courses selected to provide breadth and depth in the latest computing technologies. Four courses provide a foundation in computing for those without a Computer Science background. Four specialization fundamentals courses provide breadth in computing technologies and techniques examined with respect to a consistent specialization theme, and the final four specialization depth courses develop strong expertise in the specialization area. A capstone paper completes the degree.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	40 credit hours and a capstone paper
Institution	Naval Postgraduate School Program Details
Delivery Method	Online
Cost	\$0

[Quick Links](#)



Master of Human-Computer Interaction and Design

Overview

The Department of Informatics at UC Irvine offers the only mixed format, low-residency one year masters of human-computer interaction and design (MHCID) in the world, providing students the benefits of in-person high touch learning in accelerated on campus visits with the flexibility of online distance education. UC Irvine's MHCID program prepares its graduates to be leaders in user experience research and design, interaction design, information architecture, product design, and human-computer interaction.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours including a capstone project
Institution	University of California, Irvine Program Details
Program Length	1 or 2 years
Delivery Method	Online and partially in-person
Cost	\$15,000.00 - \$30,000.00

[Quick Links](#)



MS in Computer Science

Overview

The M.S. in Computer Science provides intensive preparation in the concepts and techniques related to the design, programming, and application of computing systems. Students are provided a deep understanding of both fundamentals and important current issues in computer science and computer engineering so that they may either obtain productive employment or pursue advanced degrees.

The M.S. in Computer Science program requires the student to take a broad spectrum of courses, while simultaneously allowing for emphasis in desired areas of specialization.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	28 minimum credit hours to be completed
Institution	University of Southern California Program Details
Delivery Method	Online
Cost	\$53,315.00

[Quick Links](#)



MS in Computer Science with Specialization in Computer Security

Overview

The M.S. in Computer Science - Computer Security is program created in response to a direct need specified by both industry and government. This unique degree highlights courses relevant to the practice of computer security research, development and deployment, and the secure operation of computer systems. Topics include development of systems that enforce security; cryptography and statistical analysis of attacks; and implementation and management of systems that depend on security technologies for correct operation.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 minimum credit hours to be completed
Institution	University of Southern California Program Details
Delivery Method	Online
Cost	\$60,695.00

[Quick Links](#)



MS in Information Assurance

Overview

Regis University's online or on campus Master of Science in Information Assurance arms you with credentialed expertise to transform you into a trusted expert and leader in information assurance, including cybersecurity and IA policy management. Our in-depth information assurance education will provide you with a highly marketable skillset you can use to keep vital information safe and instill confidence in coworkers, customers and communities.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Regis University, Colorado Program Details
Delivery Method	Online or in person
Cost	\$23,100.00

[Quick Links](#)



MS Information Technology Management

Overview

The Master of Science degree in Information Technology Management program (ITM program) is designed for leaders, programmers, developers, engineers, and other knowledge workers who aspire to lead technical teams and expand the value teams bring to their organization. Our program emphasizes moving technology out of the classroom and into the real world, assessing the impact of technology, defining the role of information literacy in decision-making, and making the most of information technologies for productivity and the improvement of local and global societies. The ITM program is ideal for organizations that employ IT leaders, and individuals who want to expand their information technology knowledge and move into IT leadership positions within an organization.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Regis University, Colorado Program Details
Delivery Method	Online or in person
Cost	\$25,560.00

[Quick Links](#)



MS in Computer Science, Computer Systems Security

Overview

Building on the Master of Science in Computer Science program core, this concentration is intended to provide the foundation and focused knowledge for those interested in the systems security field. Protecting vital enterprise computer systems from unauthorized change, improper access, theft of information and monetary theft can become even more important with the rapid growth of networking, the Internet and e-business. This concentration presents an overview of computer systems security, and is designed to offer the opportunity to attain education competencies in developing a security policy, formulating an implementation plan, designing and implementing security measures and monitoring and managing computer systems security.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	48 credit hours Graduate thesis or capstone
Institution	Colorado Technical University Program Details
Delivery Method	Online
Cost	\$28,080.00

[Quick Links](#)



MS in Computer Science

Overview

The Master of Science in Computer Science program centers on a set of core courses which are designed to provide the student with an understanding of operating systems and networking, as well as knowledge of computer system architecture and the software system engineering process. The MSCS program is designed for Computer Science professionals seeking to advance their careers in a broad range of computer fields.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	48 credit hours
Institution	Colorado Technical University Program Details
Delivery Method	Online
Cost	\$28,080.00

[Quick Links](#)



MS in Cybersecurity

Overview

UD's online M.S. in cybersecurity is developed for professionals with a background in engineering, computer science, information systems and related fields. Our expert faculty members, who come to UD from across the government, military and corporate sectors, concentrate on both theory and real-life scenarios to prepare you to engineer and execute sophisticated solutions that protect global systems and infrastructure.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Delaware Program Details
Delivery Method	Online
Cost	\$34,980.00

[Quick Links](#)



MBA with a Concentration in Management Information Systems

Overview

The MBA in Information Systems Management is a specialization in Wilmington University's MBA program. With a WilmU MBA in Information Systems Management, you'll be at an advantage to take charge in communication and networking situations in a business environment.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Wilmington University Program Details
Delivery Method	Online
Cost	\$15,984.00

[Quick Links](#)



MS Information Systems Technologies

Overview

The Master of Science program in Information Systems Technologies is designed to meet the workplace needs for talented professional employees with advanced knowledge about managing information systems. You'll gain a working knowledge of the technology and will be capable of applying technology as an informational and business asset. The M.S. in Information Systems Technologies program includes a concentration, or "career track", chosen by the student.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Wilmington University Program Details
Delivery Method	Online
Cost	\$15,984.00

[Quick Links](#)



MPS in Technology Management

Overview

Students in the Technology Management online program learn from Georgetown faculty, who are among the most renowned thought leaders in the Washington D.C. area. Students can expect a unique and flexible learning experience focused on management, strategy, ethics, and industry trends. People who apply to the Technology Management program tend to be deeply interested in the latest technological developments and business leadership principles as they relate to technology management.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Georgetown University Program Details
Delivery Method	Online
Cost	\$35,580.00

[Quick Links](#)



MS Cybersecurity Management and Policy

Overview

Embry-Riddle Cybersecurity Management & Policy curriculum is constantly updated to reflect a rapidly changing industry. You can expect to study: risk assessment, risk management and risk mediation; threat vectors and mitigation processes; design and management of secure information systems; emerging tools and resources for industry and platform security; and current events in cybersecurity and data breaches. Offered completely online, this program also allows you to network with fellow professionals from around the world, as well as skillful faculty members with decades of practical experience.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Embry-Riddle Aeronautical University, Florida Program Details
Delivery Method	Online
Cost	\$18,600.00

[Quick Links](#)



MS Computer Science

Overview

The Department of Computer and Electrical Engineering and Computer Science offers two options for a Master of Science in Computer Science (MSCS): a non-thesis option that requires a minimum of 33 credits, and a thesis option that requires a minimum of 30 credits, including 6 credits of thesis.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours with a thesis 33 credit hours non-thesis
Institution	Florida Atlantic University Program Details
Delivery Method	Online
Cost	\$35,039.00

[Quick Links](#)



MS Information Security and Assurance

Overview

Offered through our College of Business, the new **Master of Science in Information Security & Assurance (MSISA)** is designed for professionals who aspire to leadership positions in the information security arena. While the majority of information security degrees focus solely on technical aspects, the MSISA balances technical knowledge with business management principles. In addition to understanding the technology behind information security, you will learn how information security drives enterprise-wide strategy and success

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Embry-Riddle Aeronautical University, Florida Program Details
Delivery Method	Online
Cost	\$20,460.00

[Quick Links](#)



MS Management Information Systems

Overview

Now you can forge your future as an MIS leader with this exciting new online degree from the Embry-Riddle College of Business. With a focus on the critical intersection of information and business management, the MSMIS program is designed for busy professionals who are interested in how information is applied to achieve bottom-line results.

Individuals with business, managerial and/or technical backgrounds will experience a new dimension of learning and opportunity with a choice of online degree specializations including Business Intelligence and Analytics, Information Security and Assurance, and Information Systems Project Management.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Embry-Riddle Aeronautical University, Florida Program Details
Delivery Method	Online
Cost	\$18,600.00

[Quick Links](#)



MS Information Assurance and Cybersecurity

Overview

Designed for professionals with technical backgrounds, the Master of Science in Information Assurance and Cybersecurity delves right into the discipline on day one. The program will prepare you to recognize threats and vulnerabilities, analyze attack models and forensics, evaluate security systems, and implement security strategies.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Florida Institute of Technology Program Details
Delivery Method	Online
Cost	\$25,641.00

[Quick Links](#)



MS Information Technology

Overview

With the Master of Science in Information Technology, you will discover how to implement and adapt to emerging technologies that are changing business – and the world. This degree can help prepare you to lead an IT department or oversee the technological strategic direction of an entire organization. In this program, you will also have the opportunity to lead complex projects and explore developing information systems as strategic tools.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Florida Institute of Technology Program Details
Program Length	24 months
Delivery Method	Online
Cost	\$29,568.00

[Quick Links](#)



MS Information Technology-Cybersecurity

Overview

Gain a combination of business and technology knowledge along with industry-specific cybersecurity expertise, enabling you to lead a team or entire department to success. Evaluate security levels within an enterprise and make improvements, implement risk management and maintain continuity of operations.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Florida Institute of Technology Program Details
Delivery Method	Online
Cost	\$25,641.00

[Quick Links](#)



MS Information Technology-Database Administration

Overview

As data becomes all important, you'll gain wide-ranging knowledge of database administration to support the design and implementation of today's complex systems. In addition to gaining knowledge of information systems, project management and technology management, with the Master of Science in Information Technology with a Specialization in Database Administration you'll also explore detailed topics such as performance, optimization, security and scalability in the database environment.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Florida Institute of Technology Program Details
Delivery Method	Online
Cost	\$25,641.00

[Quick Links](#)



MS Information Technology-Enterprise Resource Planning

Overview

The Master of Science in Information Technology - Enterprise Resource Planning (ERP) degree program provides individuals the knowledge to use information technology to effectively handle and improve business processes, including enterprise systems such as supply chain management (SCM), customer relationship management (CRM), enterprise management and business intelligence. This degree is designed to provide an understanding of how technology and information systems can benefit the business environment as well as meet the growing demand for qualified ERP professionals.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Florida Institute of Technology Program Details
Delivery Method	Online
Cost	\$25,641.00

[Quick Links](#)



MS Information Technology

Overview

The Master of Science in Information Technology degree requires successful completion of thirty-two semester hours of graduate coursework. Students must take four core courses in the areas of management of information organizations, user needs assessment, information systems management, and usability analysis. Students choose additional courses either from one or more areas of specialization or by designing an individualized program of study that best meets their career goals.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 credit hours
Institution	Florida State University Program Details
Delivery Method	Online
Cost	\$19,328.00

[Quick Links](#)



MS in Information Technology

Overview

the MSIT degree program focuses on meeting the needs of users within an organizational and societal context through the selection, creation, application, integration and administration of computing technologies and resources. This program offers practical skills applicable to complex real-world information technology problems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Nova Southeastern University, Florida Program Details
Program Length	24 months
Delivery Method	Online
Cost	\$26,100.00

[Quick Links](#)



MS Management Information Systems

Overview

The M.S. in Management Information Systems (MMIS) program focuses on the application of information technology to the collection, retention, and dissemination of information for management planning and decision-making. The program concentrates on areas such as project management, decision support systems, computer languages, client-server and distributed computing, database systems and data warehousing, telecommunications, system analysis and design, human-computer interaction, electronic commerce, information security, computer graphics, and multimedia.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Nova Southeastern University Program Details
Delivery Method	Online
Cost	\$26,100.00

[Quick Links](#)



MS Information Security

Overview

the MSIS degree program is designed for someone who wants to design, program, enhance and develop cyber security technologies that secure information and systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Nova Southeastern University Program Details
Delivery Method	Online
Cost	\$26,100.00

[Quick Links](#)



MS Cybersecurity

Overview

This program satisfies the dual needs of preparing graduates to (1) fill the need for information security and assurance professionals to work in a wide variety of capacities to protect the information systems of different types of organizations, and to support the nation's information infrastructure and (2) conducting advanced research and in information security and assurance. Students develop core competencies in operating systems and networks. They focus on the technical aspects of information security, examining ways to provide secure information processing systems by utilizing operating systems security; distributed secure system architectures; database security; software applications security; security policies; applications security; network and distributed systems security; cryptography; and security protocols.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Saint Leo University Program Details
Delivery Method	Online
Cost	\$25,920.00

[Quick Links](#)



MS Cybersecurity

Overview

Through this program, you will have the opportunity to gain knowledge through an interdisciplinary set of core courses and then take a deep dive into one of four concentrations: cyber intelligence, digital forensics, information assurance or computer security fundamentals.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	University of Southern Florida Program Details
Delivery Method	Online
Cost	\$30,597.00

[Quick Links](#)



MS Information Technology

Overview

The Department of Computer Science and Engineering offers a non thesis option for the degree of Master of Science in Information Technology (M.S.I.T). The MSIT graduate will demonstrate strong information technology skills as well as problem solving skills needed for the deployment of technology solutions to achieve business and organizational goals. The degree is available in an online mode, and provides students with a broad and integrative understanding of both technology and operational and strategic business and organizational applications. There is considerable freedom in the choice of the courses.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Southern Florida Program Details
Delivery Method	Online
Cost	\$27,390.00

[Quick Links](#)



MS Information Technology-Cybersecurity

Overview

The Master of Science in Information Technology program will train the next generation of IT professionals who are interested in broadening and deepening their knowledge of new and emerging technologies. The cybersecurity specialization course-work prepares students for leadership roles in cyber-related positions in public, nonprofit, and private organizations and also for admission to doctoral programs and professional schools.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	University of West Florida Program Details
Delivery Method	Online
Cost	\$20,732.00

[Quick Links](#)



MS Applied Computer Science

Overview

The TSYS School of Computer Science offers the Master of Science in Applied Computer Science, with three concentrations: Information Assurance, Modeling and Simulation, and Software Development. To allow students with different backgrounds to benefit from and be successful in the program, students may also design a program of study without a concentration.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Columbus State University, Georgia Program Details
Delivery Method	Online
Cost	\$11,844.00

[Quick Links](#)



OMS Computer Science

Overview

We have teamed up with Udacity and AT&T to offer the first online Master of Science in Computer Science from an accredited university that students can earn exclusively through the "massive online" format and for a fraction of the normal cost.

This collaboration -- informally dubbed "OMS CS" -- has attracted thousands of applicants just like you, who are ready to pursue an advanced degree but not ready to make the sacrifices of time or money that are often required.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Georgia Institute of Technology Program Details
Delivery Method	Online
Cost	\$15,300.00

[Quick Links](#)



MS Computer Science

Overview

This degree prepares students to lead the discussion and development of advanced computer concepts and applications in science, engineering, business, the academic environment and in everyday life. As a graduate student in the computer science program, you will learn the foundations of computer science theory and application and the interaction between the two. You'll also gain an in-depth understanding of the current limitations of the field and learn how to apply methodical and inspired approaches to overcome these obstacles.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Idaho Program Details
Delivery Method	Online
Cost	\$37,050.00

[Quick Links](#)



MS Business Information Technology

Overview

This is a joint degree between the College of Computing and Digital Media (CDM) and the Kellstadt Graduate School of Business (KGSB). Students gain technology management skills and core business concepts to better serve organizations in information-dependent areas. The program provides a solid base for those interested in moving their career forward through project management or information technology management positions.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	52 credit hours
Institution	De Paul University, Illinois Program Details
Delivery Method	Online
Cost	\$18,200.00

[Quick Links](#)



MS Computer Science

Overview

DePaul's graduate Computer Science program is the premier training ground for computing professionals in the Chicago area. Unlike a certificate program, our master's courses focus on fundamental concepts that remain constant, even as technology changes rapidly. Unlike more research focused institutions, however, our courses emphasize the programmatic application of these fundamental concepts. Students interested in research will find an abundance of advanced topics --- medical imaging, data mining, algorithmic analysis, and scientific computing, to name a few.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	52 credit hours
Institution	De Paul University, Illinois Program Details
Delivery Method	Online
Cost	\$18,200.00

[Quick Links](#)



MS Computer, Information, and Network Security

Overview

The MS in Computer, Information and Network Security is intended for students who wish to specialize in the security aspects of the Information Technology field. This program educates professionals for the fast growing and wide ranging information security and cyber security markets by providing foundations in the theory of information security as well as knowledge needed to properly design, implement and manage secured IT infrastructure and risks in an enterprise.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	52 credit hours
Institution	De Paul University, Illinois Program Details
Delivery Method	Online
Cost	\$18,200.00

[Quick Links](#)



MS Information Systems

Overview

The program focuses on providing competencies and skillsets to equip our graduates with a broad solid grounding in current IT practices. From here, students are invited to focus their studies in order to develop expertise in one particular area of Information Systems. We offer five Concentrations, each designed around particular competencies and IT career paths. We also offer a "standard concentration" that permits students to either [a] acquire a broad base of IS competencies and skills, instead of the focused depth in one area; or [b] create a customized concentration by selected coursework from two or more areas. Students desiring a customized concentration are strongly encouraged to design that plan in communication with a faculty advisor.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	52 credit hours
Institution	De Paul University, Illinois Program Details
Delivery Method	Online
Cost	\$18,200.00

[Quick Links](#)



MS IT Project Management

Overview

Designed for working professionals who want to develop skills and acumen in leading Information Technology programs and projects, the MS in IT Project Management provides students with the foundation necessary for a career in leading programs and projects to a successful completion. Students gain experience with the latest methodologies such as Agile Project Management, project portfolio management, and the enabling program management office. Risk management, procurement, contract management, time and cost estimating, organizational change management, are a partial list of the topics covered in depth. Students can select from a wide range of electives to meet personal career goals.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	52 credit hours
Institution	De Paul University, Illinois Program Details
Delivery Method	Online
Cost	\$18,200.00

[Quick Links](#)



MS Computer Science

Overview

The MCS program provides a conceptual and practical education in computer science by combining a broad core curriculum with user-selected areas of study. MCS coursework can include CS Professional courses. Students in the MCS program can choose to do a Master's Project (but not a Master's Thesis) or coursework-only. There is no master's comprehensive exam.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 credit hours
Institution	Illinois Institute of Technology Program Details
Delivery Method	Online
Cost	\$42,000.00

[Quick Links](#)



MS Computer Science

Overview

Create future-shaping innovations with Lewis University's online Master of Science in Computer Science (MSCS). Through hands-on coursework, research and capstone experiences, you will learn advanced computing while honing your problem-solving, analytical and creative abilities. Gain highly valued tech knowledge and skills in this rapidly growing field, and get ready to shape tomorrow's technology in dramatic ways.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 credit hours
Institution	Lewis University, Illinois Program Details
Delivery Method	Online
Cost	\$25,440.00

[Quick Links](#)



MS Information Security

Overview

Advance your passion and knowledge for cyber security with Lewis University's online Master of Science in Information Security (MSIS). The online Information Security Master's program will build your experience in the IT field, giving you the technical skills needed to secure data and create innovative solutions to prevent future security breaches. The online MSIS program will provide an immediate ROI as you learn the cutting-edge skills that will position you for high profile roles. In addition, you'll gain access to a network of alumni that will benefit you throughout your career.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	35 credit hours
Institution	Lewis University Program Details
Delivery Method	Online
Cost	\$27,825.00

[Quick Links](#)



MS in Computer Science

Overview

Our program offers a master of science in the field of computer science. This program is oriented toward software and is most appropriate for candidates interested in the design, analysis, and implementation of software programs.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 credit hours
Institution	University of Illinois, Springfield Program Details
Delivery Method	Online
Cost	\$11,584.00

[Quick Links](#)



MS Management Information Systems

Overview

This online degree in MIS has a balance between technical courses and business courses, which makes it ideal for capping-off an undergraduate degree in any field. Because of its managerial orientation, this degree should be considered by anyone contemplating an online MBA, as well as those interested in management information systems, computer information systems, information technology (IT), computer science, the management of technology or public/non-profit administration.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36
Institution	University of Illinois, Springfield Program Details
Delivery Method	Online
Cost	\$13,032.00

[Quick Links](#)



Professional Master's in Computer Science (MCS)

Overview

The Illinois Internet Computer Science (I2CS) Program offers the on-campus Masters of Computer Science (MCS) degree completely online. The MCS degree is a professional non-thesis degree requiring 36 hours of course work. The online option allows individuals to earn an MCS degree from a leader in information technology entirely online with no required campus visits. All students receive the same lectures, class assignments, exams, and projects as on-campus students. Students in the online MCS degree program are awarded the exact same diploma that they would receive were they on campus.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 credit hours with thesis
Institution	University of Illinois, Urbana-Champaign Program Details
Delivery Method	Online
Cost	\$33,088.00

[Quick Links](#)



MS Computer Science

Overview

Specialize your graduate studies for Computer Science with courses in areas including: Bioinformatics and Computational Biology, Computational Science and Engineering, Databases, Data Mining, Distributed Systems, Graphics and Visualization, Information Retrieval, Information Security and Assurance, Machine Learning, Networking and Operating Systems, Programming Languages and Compilers, Software Engineering, Theory of Computing and Algorithms.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Purdue University, Indiana Program Details
Delivery Method	Online
Cost	\$34,890.00

[Quick Links](#)



MS Information Assurance

Overview

Iowa State University's Department of Electrical and Computer Engineering offers a 100 percent online master's degree program to help you advance your knowledge and career. Students may join the program at the beginning of any semester and may take graduate courses in any order at a pace that suits their needs. Classes are delivered online via digital streaming video. Students may choose the day, time, and location to observe the class lectures allowing for maximum flexibility.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Iowa State University Program Details
Delivery Method	Online
Cost	\$16,110.00

[Quick Links](#)



MS Business Informatics

Overview

The Master of Science in Business Informatics (MBI) offers a challenging, state-of-the-art education to prepare those who participate or intend to participate at an advanced level in the dynamic field of information technology. The program offers practical, hands-on experience and theoretical discussions of current and future trends in developing information system applications and managing corporate information systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Northern Kentucky University Program Details
Delivery Method	Online
Cost	\$17,880.00

[Quick Links](#)



MS Computer Science

Overview

The Master of Science in Computer Science degree at UofL is one of the top programs in the field in the state of Kentucky and nationwide. J.B. Speed School of Engineering at UofL has been educating technical professionals since 1924 and features classes and research taught by internationally recognized faculty as well as state-of-the-art computer and networking laboratories.

The MS in Computer Science online program is available for interested individuals who have an adequate technical background, but do not necessarily have a baccalaureate degree in engineering or computer science. The online graduate degree in computer science can be completed in as little as two years and focuses on areas that include foundations, software, analytics, electives and a project option.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Louisville, Kentucky Program Details
Delivery Method	Online
Cost	\$21,420.00

[Quick Links](#)



MS in Information Systems

Overview

The Master of Science in Information Systems program focuses on technical, managerial and policy issues associated with constructing and managing computer-based information systems for modern organizations. All areas of private and public enterprise rely on information systems for communication, planning, providing services, control and supporting decisions. The objectives of this program are to meet the growing demand in society for graduates with high-level information system skills and provide a path for women and men from diverse fields to rapidly transition to information system career paths by providing them with foundation graduate level courses in information systems. The program is explicitly designed to accommodate students from wide ranging undergraduate degree backgrounds.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Maine Program Details
Delivery Method	Online
Cost	\$16,440.00

[Quick Links](#)



MS Computer Science

Overview

The Johns Hopkins Engineering for Professionals Computer Science program offers students the most cutting-edge knowledge delivered in state-of-the-art facilities or online. Computer professionals, scientists, and engineers benefit from a full range of instruction and skills building in a variety of areas including theory, analysis, design, and implementation of information systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Johns Hopkins University Program Details
Delivery Method	Online
Cost	\$38,800.00

[Quick Links](#)



MS Cybersecurity

Overview

The Cybersecurity program at Johns Hopkins Engineering for Professionals will provide you with the advanced skills you need to protect and defend information systems from attack. Students in the Cybersecurity program at Johns Hopkins Engineering for Professionals become proficient in ensuring the confidentiality, availability and integrity of data, in preserving and restoring systems, and in developing risk management skills. State-of-the-art computing facilities and tools are accessible either on-site or online. Combined with knowledge from instructors who are working to fight cybersecurity threats on the front lines, the continually evolving curriculum prepares students for lasting careers in this critical field.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Johns Hopkins University Program Details
Delivery Method	Online
Cost	\$38,800.00

[Quick Links](#)



MS Technical Management

Overview

Providing a unique curriculum that is designed to improve business, administrative, and interpersonal skills, accomplished instructors in the Technical Management program at Johns Hopkins Engineering for Professionals focus on modern best practices while utilizing the most advanced technological tools and applications. Available both in the classroom and online, courses challenge students to engage in real-world problem solving exercises.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Johns Hopkins University Program Details
Delivery Method	Online
Cost	\$38,880.00

[Quick Links](#)



MS Cybersecurity Technology

Overview

The Master of Science in Cybersecurity Technology at University of Maryland University College is an innovative degree program that draws from fields such as technology, forensics, management, law, science, business, and psychology to provide you with the most current knowledge and skills for protecting critical cyber infrastructure and assets.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$24,984.00

[Quick Links](#)



MS Cybersecurity Management and Policy

Overview

The Master of Science in Cybersecurity Management and Policy at University of Maryland University College can help you gain the tools you need to join the management track in cyber security, so you can establish, implement, and oversee a cyber security policy structure for an organization. Learn how to create a security approach that combines technology, governance, and compliance perspectives. Gain advanced knowledge in organizational structures, communications, operational business processes, and the legal framework for cyber security policy.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$24,984.00

[Quick Links](#)



MS Information Technology

Overview

The Master of Science in Information Technology program provides a broad technical understanding of current and evolving technologies in the IT field with an emphasis on moving technology from the laboratory to the realm of business development through its program core courses.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$23,724.00

[Quick Links](#)



Master of Professional Studies in Homeland Security with an option in Information Security and Forensics

Overview

The 33-credit degree includes core courses that build an understanding of the theories, skills, and technologies associated with network security, cyber threat defense and forensics, intelligence analysis, risk assessment, security policy development, and privacy protection and assurance.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Penn State University Program Details
Delivery Method	Distance Learning - Online
Cost	\$29,000.00

[Quick Links](#)



MS Information Systems

Overview

The Master's in Information Systems program design is based on a competency model. The student progresses through several tiers of courses acquiring more complex skills and knowledge.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	University of Maryland, Baltimore County Program Details
Delivery Method	Online
Cost	\$28,380.00

[Quick Links](#)



MS Computer Information Systems

Overview

Boston University's online master's in Computer Information Systems (MSCIS) immerses students in the fast-paced world of technological innovation—preparing them for IT leadership positions in all sectors. Designed for working professionals, the MSCIS ensures that graduates gain superior technical expertise and the ability to compete for managerial positions in a variety of computer science and information systems areas.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	40 credit hours
Institution	Boston University Program Details
Delivery Method	Online
Cost	\$32,440.00

[Quick Links](#)



MS Information Assurance and Cyber Security

Overview

Information assurance and Cyber Security includes both IT and physical security for companies and government organizations. But this complex discipline requires more than just a detailed knowledge of computers, networks, and security technology. It also draws on an understanding of essential principles from psychology, criminology, law, and business.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 credit hours
Institution	Northeastern University, Massachusetts Program Details
Program Length	Up to 4 years
Cost	\$45,120.00

[Quick Links](#)



Master of Professional Studies in Information Sciences

Overview

The 33-credit Master of Professional Studies in Information Sciences (MPS in IS) degree is designed for professionals and organizational leaders who want to take on greater responsibilities related to information technology, and for those who want to transition into a career that uses information sciences to support decision making. The Cybersecurity and Information Assurance (CIA) option focuses on information analysis, cyber security, information assurance, and decision support. Graduates in the CIA option can work in fields including intelligence analysis, information assurance engineering, and systems integration.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Penn State University Program Details
Delivery Method	Distance Learning - Online
Cost	\$28,000.00

[Quick Links](#)



MS in Management: Information Systems and Services

Overview

The Information Systems and Services (ISAS) specialization provides courses on the ways a manager can procure and use computer-based information systems to enhance decision making and organizational effectiveness. This specialization is structured to accommodate the needs of students who have little or no experience with computers as well as those with advanced computer skills.

In addition to receiving a technological foundation, students are exposed to the interaction of technology, organizational behavior, strategic planning, project management, and systems analysis used to support an organization through its information systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	University of Maryland University College Program Details
Delivery Method	Online
Cost	\$23,724.00

[Quick Links](#)



MS Information Assurance

Overview

Davenport University's Information Assurance degree is expected to continue its emergence as one of the hottest growth careers in IT. This highly specialized, fast-paced, constantly changing course of graduate study will challenge, excite and educate you with the latest trends and knowledge base to be part of tomorrow's technology security, today.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	34 credit hours
Institution	Davenport University, Michigan Program Details
Delivery Method	Online
Cost	\$22,935.00

[Quick Links](#)



MS Computer and Information Systems— Software Management

Overview

The Master of Science in Computer and Information Systems degree produces effective leaders for advanced technology organizations. It offers the most up-to-date, industry-based knowledge of best practices in IT process development, leadership, program management and cybersecurity. It provides a seamlessly integrated strategic understanding of the correct way to manage lifecycle processes, information assurance processes, security and privacy

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Detroit Mercy, Michigan Program Details
Delivery Method	Online
Cost	\$24,120.00

[Quick Links](#)



MS Information Assurance

Overview

UDM's master's program in Information Assurance will provide you with comprehensive knowledge of the entire field of cybersecurity. This holistic understanding will allow you to developing total protection solutions that will mitigate cyber-risks to acceptable levels in government, business and industry. You will learn all of the basic cybersecurity principles, technologies and processes and then take seven elective classes tailored to your interests. These elective classes are designed to prepare you to step into specific roles in the cybersecurity workforce and are geared to the National Cybersecurity Workforce Framework (NICE 2.0), which is the commonly accepted definition of the various jobs in the field

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Detroit Mercy, Michigan Program Details
Delivery Method	Online
Cost	\$24,120.00

[Quick Links](#)



MS Information Systems and Technology Management

Overview

Capella University's online Master's in Project Management program gives you essential IT skills to make a difference in your organization. This program focuses on the fundamentals of IT project management and assesses the current state of technology, including its organizational, legal, ethical, and professional influences. This program is accredited by The Project Management Institute (PMI®) Global Accreditation Center for Project Management (GAC) and was designed around A Guide to the Project Management Body of Knowledge (PMBOK® Guide).

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	48 credit hours
Institution	Capella University Program Details
Delivery Method	Online
Cost	\$32,736.00

[Quick Links](#)



MS Information Assurance and Security

Overview

Capella University's Master's in Network Defense program prepares information security professionals to assess, develop, and implement solutions to safeguard the information assets and enterprise IT infrastructures of an organization. You'll also gain hands-on experience managing real-time responses to security breaches using Nessus[®] to perform vulnerability assessments, including system sanitizing and hardening, in Capella's virtual lab environment.

The core curriculum in this program includes the domains of knowledge represented in several leading security certifications, including CISSP[®].

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	48 credit hours
Institution	Capella University Program Details
Delivery Method	Online
Cost	\$32,736.00

[Quick Links](#)



MS Information Systems Management

Overview

Walden's Master of Information Systems Management program integrates core business and management principles with the advanced technology training you need to compete for in-demand careers in this field. Designed with input from IT industry leaders and employers, this program can prepare you to evaluate and allocate IT resources effectively; design and manage systems to meet key organizational objectives; and lead IT initiatives and teams across functional areas in diverse organizations.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Walden University Program Details
Program Length	2 years
Cost	\$12,720.00

[Quick Links](#)



MS Information Technology

Overview

Designed with input from IT industry leaders and employers, the MS in Information Technology program offers core courses to help you develop essential programming, networking, and database management and development skills. After completing these core courses, you can then pursue one of four specializations that provide the advanced training required for senior positions in the in-demand fields of health informatics, cyber security, information systems, or software engineering.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Walden University, Minnesota Program Details
Delivery Method	Online
Cost	\$12,720.00

[Quick Links](#)



MS Information Systems

Overview

MSU's College of Business offers accredited, affordable, and flexible course options to students desiring to complete their Master's degree online from a respected and traditional university. Courses are available in Information Technology, Systems Analysis, Database Design, Business Telecommunication, and much more. All prerequisites are also available online.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Mississippi State University Program Details
Delivery Method	Online
Cost	\$13,537.00

[Quick Links](#)



MS Computer Science

Overview

Missouri University of Science and Technology's master's degree in computer science offers emphasis areas in critical infrastructure protection and software engineering. Critical infrastructure protection is a multi-disciplinary study dedicated to improving the security, reliability and survivability of the nation's infrastructure. Software engineering specializes in software quality, software testing, hardware/software co-design, and formal methods of software specification and verification, software requirements engineering and software process improvement and algorithm theory.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	31 credit hours
Institution	Missouri University of Science and Technology Program Details
Delivery Method	Online
Cost	\$36,911.00

[Quick Links](#)



MS Information Science and Technology

Overview

Missouri University of Science and Technology's master's degree in information science and technology is structured to educate students in the design, development, and successful application of information systems in modern corporate organizations. With only four required core courses, this program provides students with the flexibility to choose their own specialized areas of interest. Areas of specialization that lead to graduate certificates include: human-computer interaction, enterprise resource planning (with SAP Certificate), psychology of leadership, and project management. Other areas of specialization include computer networks, communication systems and e-commerce.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Missouri University of Science and Technology Program Details
Delivery Method	Online
Cost	\$36,911.00

[Quick Links](#)



MS Information Systems

Overview

This degree focuses on strategic information system resources, giving you the skills required to plan, analyze, design, implement, secure, and control these resources. You'll manage IT infrastructure technologies to serve critical organizational needs, integrate emerging technologies into a sustaining technology system, analyze enterprise data systems, information technology project management processes, and information technology strategy and policy. Elements of the degree are modeled from The Association for Computing Machinery for IS Management and Technology (ACM), giving you the opportunity explore the complexities of information systems with emphasis on critical management issues.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Bellvue University, Nebraska Program Details
Delivery Method	Online
Cost	\$19,620.00

[Quick Links](#)



MS Cybersecurity

Overview

Bellevue University's Master's degree in Cybersecurity provides active learning of information security technologies and risk management techniques based on real-world scenarios. It prepares you with the knowledge, skill, and ability to recommend solutions that safeguard an organization's information and technology assets and respond to security incidents.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Bellevue University, Nebraska Program Details
Delivery Method	Online
Cost	\$19,620.00

[Quick Links](#)



MS Computer Information Systems

Overview

Bellevue University's Masters in Computer Information Systems degree focuses on meeting the needs of users within an organization through the selection, creation, application, integration, and administration of computing technologies and resources. This degree will enable you to work in a variety of fields to maximize the latest information system tools and techniques so your organization can successfully compete in the global marketplace.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Bellevue University, Nebraska Program Details
Delivery Method	Online
Cost	\$19,620.00

[Quick Links](#)



MS Computer Science

Overview

The MSCS comprehensive curriculum is expertly engineered to impart new computer skills, critical thinking ability, and targeted knowledge so you can thrive on the cutting edge of technology and computing. Choose from three exceptional specialty tracks: Databases and Data Mining, Networking, or Generalist

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	New Jersey Institute of Technology Program Details
Delivery Method	Online
Cost	\$35,100.00

[Quick Links](#)



MS Computer Science

Overview

The MS/CS is the flagship graduate program. It is designed to be flexible in allowing students to combine several areas of concentration, such as software engineering, cybersecurity, and databases and service-oriented architecture.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Stevens Institute of Technology, New Jersey Program Details
Delivery Method	Online
Cost	\$33,328.00

[Quick Links](#)



MS Cybersecurity

Overview

The MS/CS is a rigorous program in the art and practice of cybersecurity, including fundamentals of cryptography, and threats and defenses for secure systems. The emphasis in this program is on deep technical skills that may be complemented with courses in security management, in addition to the security courses suggested for the MS/CS which emphasize broad principles and security administration.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Stevens Institute of Technology, New Jersey Program Details
Delivery Method	Online
Cost	\$33,328.00

[Quick Links](#)



MS Cybersecurity

Overview

Designed for working adults who need to balance graduate education with job and family commitments, Excelsior's online cybersecurity master's program offers superior convenience and flexibility. You'll complete the degree quickly and affordably, while gaining specialized cybersecurity skills that boost your job performance and earning potential.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Excelsior College, New York Program Details
Delivery Method	Online
Cost	\$19,350.00

[Quick Links](#)



MS Cybersecurity

Overview

The Cybersecurity program offers students a combination of strong foundation in theory and practical skills in security and privacy engineering. Graduates of this program will understand security and privacy from technological, legal and managerial perspectives. They will be prepared to create, implement and oversee security systems and security policies. They are positioned for the advanced supervisory positions in the field such as Information System Security Officer, Network Security administrator, Information Security Analyst, Forensic Analyst, IT Auditor, Information System Governance Officer, Information Assurance Engineer and Information Assurance Analyst. Moreover, graduates will be prepared for acquiring professional certificates like Certified Information System Security Professionals (CISSP).

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Mercy College, New York Program Details
Delivery Method	Online
Cost	\$25,830.00

[Quick Links](#)



MS Management and Systems

Overview

The M.S. in Management and Systems is a unique program that provides you with strong business leadership skills and comprehensive knowledge of information technologies that can enable an organization to improve its financial or marketplace performance. With a focus on the alignment and the integration of management information systems and technology with key business strategies, the program provides you the competitive advantage of understanding organizations as complex systems with a shared vision.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	New York University Program Details
Delivery Method	Online
Cost	\$35,376.00

[Quick Links](#)



MS Internet Technology

Overview

As the Internet continues to drive both global business and the dissemination of information, the demand for professionals with the expertise to develop internet technology grows. This innovative interdisciplinary 30-credit MS in Internet Technology, completed online, provides students with a solid foundation in IT coupled with a specialization in a complementary discipline or emerging technology. In addition to gaining a mastery of the fundamentals, you also develop skills in a related field, such as Security and Information Assurance.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Pace University Program Details
Delivery Method	Online
Cost	\$33,000.00

[Quick Links](#)



MS Computer Science

Overview

Through a curriculum that places an emphasis on mathematical evaluation, the program prepares students to: incorporate emerging technologies into new system designs; develop expertise in areas such as security and assurance, artificial intelligence, computer architecture, and advanced programming; and build the analytical, critical-thinking, and mathematical skills necessary to take on advanced challenges.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Syracuse University Program Details
Delivery Method	Online
Cost	\$34,632.00

[Quick Links](#)



MS Cybersecurity

Overview

Through cutting-edge research, curricular innovations, and multidisciplinary collaboration, the M.S. in Cybersecurity delivered online at Syracuse University's College of Engineering and Computer Science prepares students to identify, prevent, and counteract cyber crime.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Syracuse University Program Details
Delivery Method	Online
Cost	\$34,632.00

[Quick Links](#)



MS Cybersecurity

Overview

The Master of Science in Cybersecurity degree at Utica College is designed to allow students to remain absolutely current with ever-changing technologies, industry best-practices and attack and infiltration prevention techniques to meet this challenge.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Utica College, New York Program Details
Delivery Method	Online
Cost	\$26,850.00

[Quick Links](#)



MS Network Technology

Overview

The master of science in network technology is designed to serve the needs of students who possess baccalaureate degrees in networking technology-oriented disciplines. Students take a common set of courses and select one of four concentrations: computer networking management, digital communications technology, information security, or web technologies. The program emphasizes advanced applications in computer networking such as network infrastructure management, networked systems design, network security, and technical problem solving in technology-driven organizations.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	East Carolina University Program Details
Delivery Method	Online
Cost	\$25,547.00

[Quick Links](#)



MS Information Technology

Overview

The MIST program is consistently ranked amongst the top 5 Best Online Graduate Computer Information Technology Programs for Veterans by the U.S. New and World Report. The Master of Science in Information Technology (MSIT) degree program prepares students to pursue technical, as well as management careers in all employment sectors. The program emphasizes acquisition of sound theoretical concepts with intensive "hands-on" experience in the area of information technology. The courses are taught by faculty with high level expertise gained through their research activity, affiliations with industry and professional experience.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	North Carolina A&T State University Program Details
Delivery Method	Online
Cost	\$29,736.00

[Quick Links](#)



MS Technology Management

Overview

The School of Technology at North Carolina A&T State University offers a Master of Science in Technology Management (MSTM) degree. This program is coordinated by the School of Technology and is designed to increase students' understanding of industrial management challenges in an array of technical areas and to explore effective methods for dealing with accelerated technological change. The Association of Technology, Management, and Applied Engineering (ATMAE) defines Technology Management as the field concerned with the supervision of personnel across the technical spectrum and a wide variety of complex technological systems. There is an increasing demand for experienced professionals who can play leadership roles involving technology innovation; development and deployment of new technologies across a broad spectrum of industries; planning, problem solving, and decision-making to improve business performance.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	North Carolina A&T State University Program Details
Delivery Method	Online
Cost	\$29,736.00

[Quick Links](#)



MS Computer Science

Overview

The Master of Science in Computer Science at City University of Seattle is offered conveniently online and is designed to advance your knowledge and expertise in computer science and technology. This unique program offers the theoretical and the business knowledge you'll need to propel your career forward.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	45 credit hours
Institution	City University of Seattle Program Details
Delivery Method	Online
Cost	\$22,275.00

[Quick Links](#)



MS Computer Science

Overview

The Master of Computer Science Distance Education program is a terminal professional degree requiring no thesis or comprehensive examination. Only persons residing in the United States are eligible to enroll in the program. The GRE is required for all applicants.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	31 credit hours
Institution	North Carolina State University Program Details
Delivery Method	Online
Cost	\$33,309.00

[Quick Links](#)



MS Applied Computer Science

Overview

The MS degree in APCS is an interdisciplinary degree. Graduates of the program will be well versed in advanced computer science and information technologies in order to conceive, develop, evaluate, and put into production state of the art applications in a specialty area that effectively solve practical problems in a societal context.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of Memphis Program Details
Delivery Method	Online
Cost	\$32,340.00

[Quick Links](#)



Master's Degrees (In person and hybrid programs)

[Quick Links](#)



MS Computer Science

Overview

The Master of Science in Computer Science (MSCS) program at National University provides students with a solid foundation, in the fundamental knowledge and skills of software engineering, database theory and design and cloud computing, exposing them to best practice methodologies using a variety of tools and techniques required for solving real world problems and to be of immediate benefit to the computing industry. National University's MSCS program not only prepares students in the theoretical and practical aspects of solving complex computing problems but also it develops other essential communication skills. MSCS graduates are able to clearly discuss issues, trends, and solutions with both technical and non-technical audiences. In addition, every part of the curriculum is devoted towards developing people skills, ethics, and standards of professionalism.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	67.5 quarter units
Institution	National University, San Diego Program Details
Delivery Method	Online or in person
Cost	\$21,924.00

[Quick Links](#)



MS Cyber Security and Information Assurance

Overview

The Master of Science in Cyber Security and Information Assurance is a professional degree for those who endeavor through technical and managerial measures to ensure the security, confidentiality, integrity, authenticity, control, availability and utility of the world's computing and information systems infrastructure. The program has a required core and a required specialization which can be selected from some alternatives. The core is designed to provide a means of supporting the variety of backgrounds (both education and work experience) that those who wish to study this area may bring to the program. The core is also a statement of the knowledge domain that is common to most efforts in this area. The specializations provide for study in particular domains of knowledge within the field - which are also tied to communities of effort within the field

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	15 courses, 67.5 quarter units
Institution	National University, San Diego Program Details
Delivery Method	Online or in person
Cost	\$24,000.00

[Quick Links](#)



MS Information Technology Management

Overview

Students in this program will learn to develop the skills needed to design, build, and manage IT infrastructures, along with career skills such as project management, software design, database management, cyber security administration, problem solving, collaboration, and critical thinking. Combining a rigorous study of protocols and standards along with hands-on learning activities on state of the art devices, students develop both theoretical and practical skills to help them fill the growing need for Information Technology Management professionals around the world.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	58.5 credit hours
Institution	National University, San Diego Program Details
Delivery Method	Online
Cost	\$23,751.00

[Quick Links](#)



MS Management Information Systems

Overview

The Master of Science in Management Information Systems (MSMIS) program is designed to provide students with the requisite management, business, strategic, and technical skills needed to help them apply information systems technology more efficiently and effectively. The MSMIS program's objective is to close this gap by providing the needed education and career development foundations, including oral, written, and presentation skills; technical skills; people and business skills; and ethics and professionalism, which are integrated throughout its individual courses. The curriculum is designed as a set of interrelated building blocks consisting of foundations, core, integration, and career tracks.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	12 courses, 54 quarter units
Institution	National University, San Diego Program Details
Delivery Method	Online
Cost	\$21,924.00

[Quick Links](#)



MS Computer Science-Computer Security

Overview

The M.S. in Computer Science - Computer Security is program created in response to a direct need specified by both industry and government. This unique degree highlights courses relevant to the practice of computer security research, development and deployment, and the secure operation of computer systems. Topics include development of systems that enforce security; cryptography and statistical analysis of attacks; and implementation and management of systems that depend on security technologies for correct operation.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	32 credit hours
Institution	University of Southern California Program Details
Delivery Method	Online or in person
Cost	\$60,695.00

[Quick Links](#)



MS Computer Science

Overview

The Master of Science program in Computer Science provides an opportunity for students to enhance their understanding of the principal hardware and software themes. The student will also learn how to analyze and formulate solutions for many advanced problems which occur in computer systems. The program stresses technical competence and encourages the student in independent work and judgment.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	45 credit hours
Institution	Cal Poly Pomona Program Details
Delivery Method	In person twice a week, in evenings
Cost	\$21,888.00

[Quick Links](#)



MS Computer Science

Overview

The MS program, through course-work and thesis options, lets students strengthen their foundational education, prepare for technical careers in industry, or prepare for advanced study at the doctoral level. The department's faculty work in the areas of algorithms, artificial intelligence, bioinformatics, computer and network security, database systems, data mining, distributed algorithms, distributed systems, information assurance, information retrieval, machine learning, networking, non-standard parallel computing, and parallel algorithms.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours (10 courses)
Institution	Georgetown University Program Details
Delivery Method	In person
Cost	\$50,637.00

[Quick Links](#)



Master of Professional Studies Technology Management

Overview

Today's organizations need skilled and innovative chief information officers (CIOs) and other strategic information technology (IT) executives who can not only develop and deploy mission-critical technologies, but also ensure that those enterprise technologies have a transformational impact on organizations, employees and customers. Move your IT career forward by learning and developing proven techniques – including business as well as IT skills – to spearhead major technology initiatives and create cultures of innovation and engagement.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	Georgetown University Program Details
Delivery Method	Online or in person
Cost	\$35,580.00

[Quick Links](#)



MS Computer Science

Overview

The Masters degree is based on 10 courses (30 credit hours). A student may do a thesis, but this is optional. There are no comprehensive examinations. Three of the 10 courses are required (core courses). The other seven courses can be selected based on consultation with the student's advisor. Two of these courses can come from a different department. Focus your study on such topics as computer security and information assurance, database and information retrieval systems, software engineering and systems, biomedical computing, digital media and computer graphics, networking and mobile computing, computer architecture, pervasive computing and embedded systems, machine intelligence, robotics, and algorithms and theory.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	George Washington University Program Details
Delivery Method	In person
Cost	\$29,850.00

[Quick Links](#)



MS Cybersecurity and Computer Science

Overview

The Master of Science in cybersecurity in computer science degree program was created to respond to the large and fast-growing need for technical cybersecurity experts nationally and internationally. A large and lucrative job market with a variety of jobs is available to graduates of the program. M.S. in cybersecurity in computer science degree is the first such degree in the Nation's capital, and one of a few graduate degrees in cybersecurity in the U.S. and around the world. It is different from both the M.S. in computer science degree and the graduate certificate in computers security and information assurance. Please consult this comparison of the programs for an explanation.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	George Washington University Program Details
Delivery Method	In person
Cost	\$29,850.00

[Quick Links](#)



Master of Professional Studies in Cybersecurity Strategy and Information Management

Overview

This program was developed for working professionals from the military, homeland security and private sectors who want to gain the expertise to address current and emerging challenges in cyber space. You will learn strategies and practices that will empower you to manage critical information in the fight against hackers, terrorism, cyber criminals. This program will also enhance the cyber security leadership skills of current homeland security and criminal justice professionals, preparing the next generation of strategic leaders who work to secure the country's digital infrastructure.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	George Washington University Program Details
Delivery Method	Online or in person, nights and weekends
Cost	\$24,600.00

[Quick Links](#)



MS Computer Science

Overview

Our M.S. in Computer Science degree program provides advanced education in all areas of computer science. It is useful for those wishing to go into leadership roles in high tech organizations.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	31 credit hours
Institution	University of Hawaii, Manoa Program Details
Delivery Method	In-person with some aspects available online
Cost	\$13,640.00

[Quick Links](#)



MS Computer Science

Overview

The M.S. in Computer Science is designed to offer professionals an opportunity to attain an advanced degree in the computer science field while upgrading their skills and knowledge. The computer science program is a joint program with the College of Charleston. Students in this program can choose from the following specializations:

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	The Citadel, South Carolina Program Details
Delivery Method	In-person
Cost	\$27,060.00

[Quick Links](#)



MS Computer Science

Overview

The Master of Science degree in Computer Science requires 30 graduate credit hours of course work and a thesis (6 credits), or 33 graduate credit hours of course work and a project (3 credits). The program offers four choices of study: general study in computer science, emphasis in information assurance, emphasis in computational science and engineering, and emphasis in communication networks.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Norfolk State University, Virginia Program Details
Delivery Method	In-person
Cost	\$20,526.00

[Quick Links](#)



MS Technology Management

Overview

The George Mason Master's in Technology Management degree can help you on your way. Our technology management masters degree has a relevant and focused curriculum, experienced faculty, flexible program design for working professionals, active IT industry and global partnerships, and accomplished students and alumni. If you want to transform your knowledge and vision into strategic action, the Mason technology management masters program can provide you with an executive-level perspective and the right skill portfolio to manage across all business disciplines. Join the Mason MS in Technology Management program to connect with leaders in the IT field and be in the industry vanguard of new and emerging technologies.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	George Mason University, Virginia Program Details
Program Length	16 months
Cost	\$50,967.00

[Quick Links](#)



MS Cyber Security Degree & Management Leadership

Overview

George Mason's MS in Management of Secure Information Systems is a cyber security masters degree providing a path to enhance your leadership career and be at the forefront of addressing cyber security challenges. Top ranked by IT security practitioners and ranked among the 10 Best Cyber Security Graduate Programs, our cross-disciplinary cyber security degree program draws on the expertise of faculty members within the schools of business, engineering, and policy attracting mid-career students actively engaged in the cyber security field in both the private sector and government. Our cyber security masters program provides you with the leadership and management expertise you need while addressing the specific technology and policy challenges of modern information systems and networks.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	George Mason University, Virginia Program Details
Delivery Method	In-person
Cost	\$50,967.00

[Quick Links](#)



MS Computer Science

Overview

Hampton University offers the Master of Science (M.S.) program in Computer Science that is suitable for computer science majors, as well as those who have a strong interdisciplinary background. Following the Hampton tradition, the Computer Science department has created a friendly environment, with low student/faculty ratio and a curriculum that can be adapted to individual needs. Experimental research programs, strong faculty commitment to teach and research, and excellent computing facilities, yield to a fertile environment in which to get an advanced degree. For those without a strong background in computer science, a set of bridge courses provide the necessary background for regular admission to the MS program. Graduates of the program have been actively recruited and hired by major software and hardware companies for positions in software development, testing and marketing.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Hampton University, Virginia Program Details
Delivery Method	In-person
Cost	\$18,729.00

[Quick Links](#)



MS Computer Science: Digital Forensics

Overview

The graduate program in computer science offers quality education in digital forensics from a computer science perspective through a systems-oriented curriculum that provides the skills and knowledge needed to support digital investigations. The curriculum is highly system-oriented, where students gain deep insights into how operating systems, networks and computer programs function and how those systems relate to forensics and security in general.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	James Madison University, Virginia Program Details
Delivery Method	Online
Cost	\$16,128.00

[Quick Links](#)



MS Computer Science

Overview

The graduate program at the Department of Computer Science at Virginia Tech is poised to become one of the top programs in the country. Currently ranked at #40 in the US News and World Report 2014 scores for graduate CS programs, additional accolades include being an NSF-identified top-30 program in the US (by number of Ph.D. degrees awarded) and as the #5 CS program in the country preferred by IT recruiters, according to a Wall Street Journal survey in 2010.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	33 credit hours
Institution	Virginia Polytechnical Institute Program Details
Delivery Method	In-person
Cost	\$22,853.00

[Quick Links](#)



MS Computer Science

Overview

The program prides itself in offering world-class instruction in the core and contemporary of Computer Science, coupled with rich student advising for academic growth and career development. The program strives to provide ample opportunities for students to engage in cutting-edge research through the program research faculty, and its research laboratories and centers.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credit hours
Institution	Louisiana Tech University Program Details
Delivery Method	Online
Cost	\$25,704.00

[Quick Links](#)



MS Computer Science

Overview

The Department of Computer Science offers a program of study leading to the degree of Master of Science. The program is designed to be flexible enough to accommodate the needs of two kinds of students: those who have recently completed an undergraduate degree in computer science and want to further their education, and those practicing professionals who want to acquire specific academic experience relevant to their work

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	30 credit hours
Institution	University of New Orleans Program Details
Delivery Method	Online
Cost	\$22,619.00

[Quick Links](#)



Ph.D. and Doctorate Programs

[Quick Links](#)



Colorado Technical University

Doctor of Computer Science - Information Assurance (Executive Format)

Overview

Colorado Technical University's Doctor of Computer Science with a concentration in Information Assurance (DCS-IA) is a degree program designed to develop leaders in managing enterprise information systems with an emphasis on information assurance. The three-year program is structured to provide students with the industry-current knowledge and skills necessary to pursue a diverse range of leadership opportunities that require the capacity to analyze the computer and information needs of an organization from an operational and strategic perspective.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	Must live in the United States or Canada and have a Master's degree to apply.
Institution	Colorado Technical University Program Details
Delivery Method	Hybrid
Cost	Pricing Details

[Quick Links](#)



NYU PhD Program in Cybersecurity

Overview

We have a thriving PhD program with approximately 50 full-time PhD students hailing from all corners of the world. Most full-time PhD students have scholarships that cover tuition and provide a monthly stipend. Admission is highly competitive. We seek creative, articulate students with undergraduate and master's degrees from top universities worldwide. Our current research strengths include data management and analysis, cybersecurity, computer games, visualization, web search, graphics, vision and image processing, and theoretical computer science.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	Applicants to the program are expected to have an MS in Computer Science, Electrical Engineering, Mathematics or Computer Engineering and should have an outstanding academic record.
Institution	NYU Polytechnic Institute Program Details
Delivery Method	In-person
Cost	Pricing Details

Quick Links



Capella University

Overview

Capella University's online PhD in Information Assurance program is designed to advance your information-security expertise in a way that fits your career. This program provides opportunities for advanced skill development and doctoral research in such topics as information confidentiality, integrity, governance, compliance, and risk management.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	Contact advisor for completion requirements
Institution	Capella University Program Details
Delivery Method	Online
Cost	Pricing Details

Quick Links



George Mason University PhD IT Concentration in Information Security and Assurance

Overview

The Ph.D. in IT program requires 90 credit hours of graduate studies. The coursework consists of foundation courses, doctoral seminars and colloquia, a major field of study, an optional minor field of study, and the dissertation.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	Students seeking this concentration must satisfy all the requirements for the PhD in Information Technology. In addition, the following requirements must be met. Specific requirement details
Institution	Northcentral University Program Details
Delivery Method	In-person
Cost	Pricing Details

[Quick Links](#)



Certificate Programs

[Quick Links](#)



Cyber Security Fundamentals Certificate

Overview

Upon completion of this certificate, students will be able to:

- Describe possible policies that enforce cyber and cyber-physical systems.
- Understand synergistic nature of cyber security, ranging from effective use of hardware and the application of security in system architectures to effective user interfaces and clear documentation.
- Develop and deploy procedures for securing information assets on IT systems in the face of cyber attacks.
- Understand network security threats and vulnerabilities and learn how, combined with well analyzed protocols, information will be protected in distributed systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	CS 3600 or CS4600 – Computer Security or Secure Systems CS 3670– IA: Secure System Management CS 3690 or CS3695– Network Security or Network Vulnerability & Risk Mitigation
Institution	Naval Post Graduate School Program Details
Delivery Method	Distance Learning – Online
Cost	\$7000.00

[Quick Links](#)



Cyber Leadership (Cyber-L) Program

Overview

The NDU iCollege Cyber Leadership (Cyber-L) program focuses on developing the skills and desired leadership attributes necessary to be an effective strategic leader in the cyberspace domain. The program achieves this through a rigorous curriculum that enhances the understanding of all aspects of cyberspace and how to best integrate cyberspace with the other elements of national power to achieve the nation's strategic objective.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	6 Courses
Institution	National Defense University (NDU) iCollege Program Details
Delivery Method	In-person
Cost	\$ 0

[Quick Links](#)



Chief Information Officer Program (CIO)

Overview

The NDU iCollege CIO Program is the recognized leader in graduate education for Federal leaders and agency personnel. It directly aligns with the Federal CIO Council-defined CIO competencies and addresses the Clinger-Cohen Act and other relevant legislation mandates as well as the current administration's interpretations and implementations of these legislative actions.

The CIO certificate program is organized around subject areas directly related to CIO competencies identified by the Federal CIO Council. Selected courses allow students to tailor their CIO program of study to meet their organization's needs and priorities.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	(6) Courses <ul style="list-style-type: none">• Three required courses• One Security course• One Technology Course• One Leadership/Management course
Institution	National Defense University (NDU) iCollege Program Details
Delivery Method	Distance Learning – Online
Cost	\$0

[Quick Links](#)



Cyber Security Defense Certificate

Overview

Upon completion of this program, students will be able to:

- Gain the technical depth required to actively prepare for and respond to attacks
- Analyze network traffic to extract the observable characteristics of networks and network devices, thus providing a basis for defensive strategies
- Build tools and learn how to configure systems and networks to permit systems to foster resiliency and continuity of operations with reduced capacity through attacks
- Construct systems and tools to mitigate the impact of malicious software

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	CS 4558 – Network Traffic Analysis CS 4677– Computer Forensics CS 4684 or CS 4600 – Cyber Security Incident Response and Recovery or Secure Systems Principles
Institution	Naval Postgraduate School Program Details
Delivery Method	Distance Learning - Online
Cost	\$7000.00

[Quick Links](#)



Cyber Security Adversarial Techniques Certificate

Overview

Upon completion of this program, students will be able to:

- Understand overarching principles, computer and network architectural concepts, and use exemplar cases to allow students to analyze current and future malware
- Use network traffic analysis to extract the characteristics of ongoing attacks and learn to identify exploitable vulnerabilities
- Decipher subtle, clandestine host-based attack mechanisms and learn how these mechanisms are inserted into target systems
- Understand how attack and exploitation software mechanisms are built and deployed, including the distributed command and control techniques used to manage large-scale malware networks

***Requires TS/SCI Clearance**

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	CS 4558 or CS 4648 – Network Traffic Analysis or Advanced Cyber Munitions CS 4678 – Advanced Cyber Vulnerability Assessment CS 4679 – Advances in Cyber Security Operations
Institution	Naval Postgraduate School Program Details
Delivery Method	Online or In-person
Cost	\$7000.00

[Quick Links](#)



Cyber Operations Infrastructure

Overview

Upon completion of this program, students will be able to: Assess how differing elements of the underlying cyber infrastructures impact cyber operations, Understand communications systems that support cyber operations and choose appropriate communications, Develop information usage strategies across distributed platforms and adapt choices based on capabilities of these data-centric systems, Evaluate the benefits and weaknesses of infrastructure-dependent choices and integrate these choices in cyber mission planning, and Develop strategies for cyber operations in contested situations based upon their understanding of the infrastructure.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	CY 3300 – Cyber Communications Architecture CY 4400 – Cyber Mission Planning CY4600 or EC3760 – Network Operations in a Contested Environment or Information Operations Systems CY4650 or CS 3670 – Information Management for Cyber Operations or Secure Management of Systems
Institution	Naval Postgraduate School Program Details
Delivery Method	Distance Learning - Online
Cost	\$9000.00

[Quick Links](#)



GIAC Information Security Fundamentals (GISF) Certificate

Overview

Proficient infosec administrators can network well on the eight layer of the ISO model (political) and the material contained in this track will help them to bridge the gap that often exists between managers and system administrators. GISF candidates will learn and be able to demonstrate key concepts of information security including: understanding the threats and risks to information and information resources, identifying best practices that can be used to protect them, and learning to diversify our protection strategy.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	SEC301
Institution	SANS Registration Details
Delivery Method	Distance Learning – Online
Cost	\$ 4885.00

[Quick Links](#)



GIAC Advanced Security Essentials – Enterprise Defender (GCED) Certificate

Overview

SEC501: Advanced Security Essentials - Enterprise Defender builds on a solid foundation of core policies and practices to enable security teams to defend their enterprise.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	SEC 501
Institution	SANS
Delivery Method	Distance Learning – Online Registration Details
Cost	\$ 5620.00

[Quick Links](#)



SEC504 – Hacker Tools, Techniques, Exploits, and Incident Handling GCIH Certificate

Overview

SEC504 addresses the latest cutting-edge insidious attack vectors, the "oldie-but-goodie" attacks that are still prevalent, and everything in between. Instead of merely teaching a few hack attack tricks, this course provides a time-tested, step-by-step process for responding to computer incidents, and a detailed description of how attackers undermine systems so you can prepare, detect, and respond to them. In addition, the course explores the legal issues associated with responding to computer attacks, including employee monitoring, working with law enforcement, and handling evidence. Finally, students will participate in a hands-on workshop that focuses on scanning for, exploiting, and defending systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	SEC504
Institution	SANS
Delivery Method	In-person or Online Registration Details
Cost	\$5620.00 and \$659.00 (cert attempt)

[Quick Links](#)



SEC511 – Hacker Tools, Techniques, Exploits, and Incident Handling GCIH Certificate

Overview

- Analyze a security architecture for deficiencies
- Apply principles learned to design a defensible security architecture
- Understand the importance of a detection-dominant security architecture and SOC
- Determine appropriate security monitoring needs
- Implement robust Network Security Monitoring/Continuous Security Monitoring
- Determine requisite monitoring capabilities for a SOC environment
- Determine capabilities required to support continuous monitoring of key Critical Security Controls
- Utilize tools to support implementation of Continuous Monitoring per NIST guidelines SP 800-137

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	SEC511
Institution	SANS
Delivery Method	In-person or Online Registration Details
Cost	\$5620.00 and \$659.00 (cert attempt)

[Quick Links](#)



SEC542 – Web App Penetration Testing and Ethical Hacking

Overview

This course will help students move beyond push-button scanning to professional, thorough, high-value web application penetration testing. It will also enable students to assess a web application's security posture and convincingly demonstrate the impact of inadequate security that plagues most organizations. In addition, SEC542 focuses heavily on in-depth, hands-on labs to ensure that students can immediately apply all they learn.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	SEC504
Institution	SANS
Delivery Method	In-person or Online Registration Details
Cost	\$5620.00 and \$659.00 (cert attempt)

[Quick Links](#)



MGT512 – SANS Security Leadership Essentials for Managers with Knowledge Compression Certificate

Overview

Essential security topics covered in this management track include: network fundamentals and applications, power, cooling and safety, architectural approaches to defense in depth, cyber attacks, vulnerability assessment and management, security policies, contingency and continuity planning, awareness management, risk management analysis, incident handling, Web application security, offensive and defensive information warfare, culminating with our management practicum.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	MGT512
Institution	SANS
Delivery Method	In-person or Online Registration Details
Cost	\$5265.00 and \$659.00 (cert attempt)

[Quick Links](#)



MGT514 – IT Security Strategic Planning, Policy, & Leadership

Overview

In this course you will learn the entire strategic planning process: what it is and how to do it; what lends itself to virtual teams; and what needs to be done face to face. We will practice building those skills in class. Topics covered in depth include how to plan the plan, horizon analysis, visioning, environmental scans (SWOT, PEST, Porter's etc.), historical analysis, mission, vision, and value statements. We will also discuss the planning process core, candidate initiatives, the prioritization process, resource and IT change management in planning, how to build the roadmap, setting up assessments, and revising the plan.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	MGT514
Institution	SANS
Delivery Method	In-Person or Online Registration Details
Cost	\$4885.00



ACAS - Assured Compliance Assessment Solution – AC15008

Overview

This four-day foundational course will provide ACAS Security Center users with the skills and knowledge necessary to discover and report relevant security information using the ACAS system products. Participants will learn the building blocks of Security Center management, evaluate role-based responsibilities within a security organization, organize systems and network segments into logical groups, perform tasks to monitor system security and compliance, and customize reports to detail findings. Participants will also learn to initiate active scans, evaluate vulnerabilities, and monitor system compliance

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	4 day training course
Institution	Defense Information Systems Agency (DISA)
Delivery Method	In-Person Registration Details
Cost	Pricing Details



ENDPOINT SECURITY SOLUTIONS (ESS)

Overview

This 4-day course is a System Administrator level, hands-on, open-book tested course that will cover the configuration and operation of the HBSS solution. Throughout the course, students will practice various policy configurations using “VMware” to simulate a students’ environment. Students will gain understanding of concepts and skills necessary to perform daily administration of HBSS in their network environment.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	4 day training course
Institution	Defense Information Systems Agency (DISA)
Delivery Method	In-Person Registration Details
Cost	Pricing Details



Defending Critical Infrastructure from Cyber Attack (IA16050)

Overview

This course provides students with the hands-on skills to secure and protect the confidentiality, availability, and integrity of networked systems. This cyber security training course also reviews cyber terminology, emerging rules, and regulatory compliance requirements that cyber business professionals need to know. At a high level, this course discusses job roles and emerging needs for those wanting to move into the cyber security market. Topics include: An analysis of the future of cyber security, emerging job roles, and needed skills for the emerging cyber security field.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	Contact DISA for schedule and requirements
Institution	Defense Information Systems Agency (DISA)
Delivery Method	In-Person Registration Details
Cost	Pricing Details



Commercial Certificates and Associated Training Programs

For a catalogue of free trainings (all in pdf format) for the following certificates, please register here:

<https://fedvte.usalearning.gov/>

[Quick Links](#)



Comp TIA A+: Complete eLearning Courseware, Practice Exam, and Live Mentoring

Overview

This comprehensive package includes self-paced, online training to prepare you for success with the CompTIA A+ (220-801/802; 900 series will be added to licenses when released) exams - with complete end-to-end instruction, key topic videos, and live mentoring - plus features for easy reference and quick answers on the job.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	CompTIA/Skillsoft
Delivery Method	Online
Cost	\$344.52 for the class \$285.00 per exam Registration Details

[Quick Links](#)



Comp TIA Network+: Complete eLearning Courseware, Practice Exam, and Live Mentoring

Overview

CompTIA Network+ is a vendor neutral networking certification that is trusted around the world. It validates the essential knowledge and skills needed to confidently design, configure, manage and troubleshoot any wired and wireless networks. CompTIA Network+ certified individuals are in-demand worldwide.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	CompTIA/Skillsoft
Delivery Method	Online
Cost	\$255.10 for the class \$285.00 per exam Registration Details

[Quick Links](#)



Comp TIA Security+: Complete eLearning Courseware, Practice Exam, and Live Mentoring

Overview

CompTIA Security+ certification covers network security, compliance and operation security, threats and vulnerabilities as well as application, data and host security. Also included are access control, identity management, and cryptography. Security+ is foundation-level certification designed for IT administrators with 2 years' experience whose job role is focused on system security. The CompTIA Security+ exam will certify that the successful candidate has the knowledge and skills required to identify risk, to participate in risk mitigation activities, and to provide infrastructure, application, information, and operational security. In addition, the successful candidate will apply security controls to maintain confidentiality, integrity, and availability, identify appropriate technologies and products, troubleshoot security events and incidents, and operate with an awareness of applicable policies, laws, and regulations.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	CompTIA/Skillsoft
Delivery Method	Online
Cost	\$255.10 for the class \$311.00 per exam Registration Details

[Quick Links](#)



Comp TIA Advanced Security Practitioner (CASP): Complete eLearning Courseware, Practice Exam, and Live Mentoring

Overview

CompTIA Advanced Security Practitioner (CASP) meets the growing demand for advanced IT security in the enterprise. Recommended for IT professionals with at least 5 years of experience, CASP certifies critical thinking and judgment across a broad spectrum of security disciplines and requires candidates to implement clear solutions in complex environments.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	CompTIA/Skillsoft
Delivery Method	Online
Cost	\$241.16 for the class \$311.00 per exam Registration Details

[Quick Links](#)



Comp TIA Certified Technical Trainer (CTT+)

Overview

CompTIA Certified Technical Trainer (CTT+) certification is for instructors who want to verify they have attained a standard of excellence in the training field. CTT+ validates the knowledge and use of tools and techniques necessary for successfully teaching in today's learning environments. Earning the CTT+ certification designates you as an exceptional trainer in your field. As an instructor, you not only have to plan engaging classroom lectures, practice tasks and exams, but you must also be a knowledgeable and effective communicator. CTT+ certification provides comprehensive training standards to validate your skills in a traditional or virtual classroom environment, and ensures that you can teach effectively and step up to the front of the class with confidence.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	CompTIA/Skillsoft
Delivery Method	Online
Cost	\$1470.00 for the class \$311.00 per exam Registration Details

[Quick Links](#)



Certified Wireless Network Administrator (CWNA): Self Paced Study Kit

Overview

The CWNA certification is a foundational level wireless LAN certification for the CWNP Program. To earn a CWNA certification, you must take the CWNA exam at a Pearson Vue Testing Center and pass with a 70% or higher. Instructors must pass with a 80% or higher. However you choose to prepare for the CWNA exam, you should start with the exam objectives, which cover the full list of skills tested on the exam.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	CWNP
Delivery Method	Online
Cost	\$300.00 for the kit \$175.00 per exam Registration Details

[Quick Links](#)



Certified Authorization Professional (CAP)

Overview

The Certified Authorization Professional (CAP) certification is an objective measure of the knowledge, skills and abilities required for personnel involved in the process of authorizing and maintaining information systems. Specifically, this credential applies to those responsible for formalizing processes used to assess risk and establish security requirements and documentation. Their decisions will ensure that information systems possess security commensurate with the level of exposure to potential risk, as well as damage to assets or individuals.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	(ISC)2
Delivery Method	Online or in person
Cost	\$76.00 for the (ISC)2 Textbook \$2,695.00 for In person or Live Online Training (3-5 weekend days) \$419.00 per exam Registration Details

[Quick Links](#)



Certified Information Systems Security Professional (CISSP)

Overview

CISSP is designed for experienced security professionals. A minimum of five years of experience in at least two of (ISC)2's eight common body of knowledge (CBK) domains or four years of experience in at least two of the (ISC)2's CBK domains and a college degree is required for this certification. CBK domains include Asset Security, Security Engineering, Communications and Network Security, Identity and Access Management, Security Assessment and Testing, Security Operations and Software Development Security.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	(ISC)2
Delivery Method	Online or in person
Cost	\$76 for the (ISC)2 Textbook \$2,695 for the (ISC)2 CISSP Training Seminar Online or in person \$399.00 per exam Registration Details

[Quick Links](#)



Systems Security Certified Practitioner (SSCP)

Overview

The SSCP certification is the ideal credential for those with proven technical skills and practical security knowledge in hands-on operational IT roles. It provides industry-leading confirmation of a practitioner's ability to implement, monitor and administer IT infrastructure in accordance with information security policies and procedures that ensure data confidentiality, integrity and availability. The SSCP indicates a practitioner's technical ability to tackle the operational demands and responsibilities of security practitioners, including authentication, security testing, intrusion detection/prevention, incident response and recovery, attacks and countermeasures, cryptography, malicious code, countermeasures, and more.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	(ISC)2
Delivery Method	Online or in person
Cost	\$76.00 for the (ISC)2 Textbook \$2,695.00 for the (ISC)2 CISSP Training Seminar Online or in person \$250.00 per exam Registration Details



Certified Secure Software Lifecycle Professional (CSSLP)

Overview

The CSSLP certification validates software professionals have the expertise to incorporate security practices – authentication, authorization and auditing – into each phase of the SDLC, from software design and implementation to testing and deployment. CSSLPs have proven proficiency in:

- Developing an application security program in their organization
- Reducing production costs, application vulnerabilities and delivery delays
- Enhancing the credibility of their organization and its development team
- Reducing loss of revenue and reputation due to a breach resulting from insecure software

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	(ISC)2
Delivery Method	Online or in person
Cost	\$76.00 for the (ISC)2 Textbook \$2,695.00 for the (ISC)2 CISSP Training Seminar Online or in person \$549.00 per exam Registration Details

[Quick Links](#)



Certified Chief Information Security Officer (CCISO)

Overview

The Certified Chief Information Security Officer program is the first of its kind certification that recognizes an individual's accumulated skills in developing and executing an information security management strategy in alignment with organizational goals. CCISO equips information security leaders with the most effective toolset to defend organizations from cyber-attacks. To rise to the role of the CISO, strong technical knowledge, and experience is more imperative now than ever before but it must be accompanied by the ability to communicate in business value. C|CISOs understand that their information security decisions often have a direct impact on their organization's operational cost, efficiency, and agility. As organizations introduce new technologies, CCISOs will develop and communicate a strategy to avoid the potential risks stemming from their implementation to the organization's operations.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	EC-Council
Delivery Method	In-person
Cost	\$999.00 exam voucher price Registration Details

[Quick Links](#)



Certified Ethical Hacker (CEH)

Overview

The goal of the ethical hacker is to help the organization take preemptive measures against malicious attacks by attacking the system himself; all the while staying within legal limits. This philosophy stems from the proven practice of trying to catch a thief, by thinking like a thief. As technology advances and organization depend on technology increasingly, information assets have evolved into critical components of survival.

If a candidate attends an official EC-Council training either at an Accredited Training Center, via the iClass Platform, or at an approved academic institution, the candidate is eligible to attempt the relevant EC-Council exam without going through the application process.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	EC Council
Delivery Method	Online
Cost	\$600.00 for exam voucher only: Voucher details \$850.00 for courseware (test included) Registration Details

[Quick Links](#)



Computer Hacking Forensic Investigator (CHFI)

Overview

The CHFI course will give participants the necessary skills to identify an intruder's footprints and to properly gather the necessary evidence to prosecute. If you or your organization requires the knowledge or skills to identify, track, and prosecute the cyber-criminal, then this is the course to attend.

If a candidate attends an official EC-Council training either at an Accredited Training Center, via the iClass Platform, or at an approved academic institution, the candidate is eligible to attempt the relevant EC-Council exam without going through the application process.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
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Institution	EC-Council
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Delivery Method	Online
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Cost	\$650 for the courseware (exam included) \$500 exam voucher only
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[Registration Details](#)

[Quick Links](#)



EC-Council Certified Incident Handler (ECIH)

Overview

The EC-Council Certified Incident Handler (ECIH) program is designed to provide the fundamental skills to handle and respond to the computer security incidents in an information system. The course addresses various underlying principles and techniques for detecting and responding to current and emerging computer security threats. Students will learn how to handle various types of incidents, risk assessment methodologies, and various laws and policy related to incident handling.

If a candidate attends an official EC-Council training either at an Accredited Training Center, via the iClass Platform, or at an approved academic institution, the candidate is eligible to attempt the relevant EC-Council exam without going through the application process.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	EC-Council
Delivery Method	Online
Cost	\$199.00 exam voucher \$250.00 courseware only \$349.00 exam+courseware Registration Details

[Quick Links](#)



EC-Council Certified Security Analyst (ECSA)

Overview

The EC-Council Security Analyst (ECSA) Program is a 5-day complete hands-on training program. The ECSA program is a comprehensive, standards-based, methodology intensive training program which teaches information security professionals to conduct real life penetration tests by utilizing EC-Council's published penetration testing methodology. This Penetration Testing training course uses real-time scenarios to train students in penetration testing methodologies.

If a candidate attends an official EC-Council training either at an Accredited Training Center, via the iClass Platform, or at an approved academic institution, the candidate is eligible to attempt the relevant EC-Council exam without going through the application process.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	EC-Council
Delivery Method	Online or in-person
Cost	\$850.00 courseware and exam voucher Registration Details

[Quick Links](#)



Cisco Certified Network Associate Security (CCNA Security)

Overview

Cisco Certified Network Associate Security (CCNA Security) validates associate-level knowledge and skills required to secure CISCO networks. With a CCNA Security certification, a network professional demonstrates the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats. The CCNA Security curriculum emphasizes core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that CISCO uses in its security structure.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Global Knowledge
Delivery Method	Online or in person
Cost	\$250.00 for the exam, valid for three years \$239.00 Online videos \$60.00 book and e-bundle \$1495.00 Implementing Cisco Network Security (IINS) 3.0 Registration Details

[Quick Links](#)



Certified Information Security Manager (CISM)

Overview

Certified Information Security Manager (CISM) is a certification for information security managers awarded by ISACA (formerly the Information Systems Audit and Control Association).

The intent of the certification is to provide a common body of knowledge for information security management. The CISM focuses on information risk management as the basis of information security. It also includes material on broader issues such as how to govern information security as well as on practical issues such as developing and managing an information security program and managing incidents.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	ISACA
Delivery Method	Online
Cost	\$135.00 CISM Review Manual \$760.00 CISM Review Class Live Webinar \$685.00 per exam \$85.00 Annual Maintenance Fee Registration Details

[Quick Links](#)



Broadband Premises Expert (BPE)

Overview

The Broadband Premises Expert (BPE) certification describes the knowledge of an experienced field technician who will install and troubleshoot telecommunications services (video, voice, and data) at the customer's premises. The successful certification candidate demonstrates that he or she has the knowledge to install and troubleshoot a variety of triple-play installations, from easy to complex, as well as the knowledge to mentor and coach junior employees.

The BPE certification is one of three stand-alone Broadband Premises certifications. Content includes "the why" of the basic installation. The other stand-alone premises certifications are the Broadband Premises Installer (BPI) and the Broadband Premises Technician (BPT).

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Society of Cable Telecommunications Engineers
Delivery Method	Online
Cost	\$85.00 per exam \$209.00 for the prep course \$376.00 for the prep course and exam altogether Registration Details

[Quick Links](#)



Broadband Premises Installer (BPI)

Overview

The Broadband Premises Installation and Service course covers the knowledge needed to install and troubleshoot triple play services (voice, video, and data) for residential cable telecommunications customers. It includes customer service, troubleshooting, test equipment, measurements and service restoration related to industry-wide standards and practices, as well as instruction in the latest technologies, such as MoCA, IPv6, and digital home technology. This course helps participants prepare to earn the SCTE Broadband Premises Installer (BPI) and the SCTE Broadband Premises Technician (BPT) certifications, nationally recognized certifications for individuals interested in working in the cable telecommunications industry for a cable provider or contractor.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SCTE
Delivery Method	Online
Cost	\$85.00 per exam \$209.00 for the prep course \$376.00 for the prep course and exam altogether Registration Details

[Quick Links](#)



Broadband Premises Technician (BPT)

Overview

The Broadband Premises Installation and Service course covers the knowledge needed to install and troubleshoot triple play services (voice, video, and data) for residential cable telecommunications customers. It includes customer service, troubleshooting, test equipment, measurements and service restoration related to industry-wide standards and practices, as well as instruction in the latest technologies, such as MoCA, IPv6, and digital home technology. This course helps participants prepare to earn the SCTE Broadband Premises Installer (BPI) and the SCTE Broadband Premises Technician (BPT) certifications, nationally recognized certifications for individuals interested in working in the cable telecommunications industry for a cable provider or contractor.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SCTE
Delivery Method	Online
Cost	\$85.00 per exam \$209.00 for the prep course \$376.00 for the prep course and exam altogether Registration Details

[Quick Links](#)



Broadband Telecom Center Specialist (BPTCS)

Overview

The Broadband TelecomCenter Specialist (BTCS) certifies knowledge in maintenance and troubleshooting of the inside plant facilities to ensure minimal system outages, maximum reliability, and standards compliance for optimal operations. This certification includes knowledge of advanced entertainment, data and voice networks within the headend.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SCTE
Delivery Method	Online
Cost	\$110.00 per exam \$599.00 for the online course Registration Details

[Quick Links](#)



Certified EC-Council Instructor (CEI)

Overview

The Certified EC-Council Instructor (CEI) program is designed for individuals who want to become certified to deliver EC-Council's suite of professional certification programs. The CEI program provides resources for individuals to become industry-recognized trainers specializing in the field of information security.

All of EC-Council instructor-led training combines lectures, technical demonstrations, and hands-on labs. Certified EC-Council Instructors are required to be technically proficient with good instructional skills. The instructors need to maintain a high standard of professionalism and teaching preparedness.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	EC-Council
Delivery Method	Online Courseware
Cost	\$250.00 for the courseware \$350.00 for courseware + exam Registration Details

[Quick Links](#)



Certified Security Incident Handler (CSIH)

Overview

The Certified Computer Security Incident Handler, known as CSIH, is a certification structured for professionals in the computer security field, specifically the core areas that includes competencies in the recognition, analysis and handling of security-related instances. It is designed to demonstrate the level of skill and expertise among candidates in handling network security.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	InfoSec
Delivery Method	Online or in person
Cost	\$499.00 for the exam or \$3,998.00 for the Incident Response and Network Forensics Boot camp and exam Registration Details

[Quick Links](#)



GIAC Certified Forensic Analyst (GCFA)

Overview

FOR508: Advanced Digital Forensics and Incident Response will train you and your team to respond, detect, scope, and stop intrusions and data breaches. This in-depth incident response course provides responders with advanced skills to hunt down, counter, and recover from a wide range of threats within enterprise networks, including APT adversaries, organized crime syndicates, and hacktivism. Constantly updated, FOR508 addresses today's incidents by providing hands-on incident response tactics and techniques that elite responders are successfully using in real-world breach cases.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$6,082.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Certified Intrusion Analyst (GCIA)

Overview

SEC503: Intrusion Detection In-Depth delivers the technical knowledge, insight, and hands-on training you need to defend your network with confidence. You will learn about the underlying theory of TCP/IP and the most used application protocols, such as HTTP, so that you can intelligently examine network traffic for signs of an intrusion. You will get plenty of practice learning to configure and master different open-source tools like tcpdump, Wireshark, Snort, Bro, and many more.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Certified Incident Handler (GCIH)

Overview

SEC504: Hacker Tools, Techniques, Exploits and Incident Handling provides a time-tested, step-by-step process for responding to computer incidents, and a detailed description of how attackers undermine systems so you can prepare, detect, and respond to them. In addition, the course explores the legal issues associated with responding to computer attacks, including employee monitoring, working with law enforcement, and handling evidence. Finally, students will participate in a hands-on workshop that focuses on scanning for, exploiting, and defending systems.

The course is particularly well-suited to individuals who lead or are a part of an incident handling team. General security practitioners, system administrators, and security architects will benefit by understanding how to design, build, and operate their systems to prevent, detect, and respond to attacks.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Reverse Engineering Malware (GREM)

Overview

FOR610 training has helped forensic investigators, incident responders, security engineers, and IT administrators acquire the practical skills to examine malicious programs that target and infect Windows systems. Understanding the capabilities of malware is critical to an organization's ability to derive threat intelligence, respond to information security incidents, and fortify defenses. This course builds a strong foundation for reverse-engineering malicious software using a variety of system and network monitoring utilities, a disassembler, a debugger, and other tools useful for turning malware inside-out.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Security Essentials Certification (GSEC)

Overview

SEC401: Security Essentials Boot camp Style offers students the most effective steps to prevent attacks and detect adversaries with actionable techniques that you can directly apply when you get back to work. Learn tips and tricks from the experts so that you can win the battle against the wide range of cyber adversaries that want to harm your environment.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$659.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Security Leadership (GSLC)

Overview

MGT512: SANS Security Leadership Essentials For Managers with Knowledge Compression is designed to empower advancing managers who want to get up to speed quickly on information security issues and terminology. You won't just learn about security, you will learn how to manage security.

Essential security topics covered in this management track include: network fundamentals and applications, power, cooling and safety, architectural approaches to defense in depth, cyber attacks, vulnerability assessment and management, security policies, contingency and continuity planning, awareness management, risk management analysis, incident handling, Web application security, offensive and defensive information warfare, culminating with our management practicum.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,265.00 in-person training In-person Training Registration \$659.00 certification attempt only Certification Attempt Only

[Quick Links](#)



SCTE Internet Protocol Engineering Professional (IPEP)

Overview

The SCTE Internet Protocol Engineering Professional (IPEP) certifies knowledge in the engineering aspects of Internet Protocol systems as deployed in the Cable Telecommunications Industry. The scope of this certification includes the design, analysis, testing, integration, deployment considerations and troubleshooting of a variety of IP systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SCTE Professional Certifications
Delivery Method	In-person and Online Courseware
Cost	\$300.00-\$600.00 in-person training In-person Training Registration \$185.00 certification attempt only Certification Attempt Only

[Quick Links](#)



Information Systems Security Engineering Professional (ISSEP)

Overview

Training Seminar for the ISSEP provides a comprehensive review of information security concepts and industry best practices, covering the 4 domains of the ISSEP CBK: Systems Security Engineering, Certification and Accreditation (C&A) / Risk Management Framework (RMF), Technical Management, U.S. Government Information Assurance Related Policies and Issuances.

This course is intended for CISSPs who have at least 2 years of recent full-time professional work experience in engineering and are pursuing ISSEP training and certification to demonstrate mastery in security engineering to advance within their current information security careers.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	(ISC)2
Delivery Method	In-person and Online Courseware
Cost	\$3,047.00 in-person training and certification In-person Training Registration

[Quick Links](#)



Certified Knowledge Manager (CKM)

Overview

The KMPro Certified Knowledge Manager (CKM) workshop presents a Strategic Knowledge Management approach to knowledge management implementation which is based upon a Strategic Management framework, blending the concepts, theories and best practice applications of strategic planning, systems theory, strategic thinking, and performance measurement to create and support effective knowledge management implementation strategies.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Knowledge Management Professional Society (KMPro)
Delivery Method	In-person Training
Cost	Regular Registration Cost: <u>\$2,995 USD</u> Early Registration Discount: <u>\$2,695 USD</u> (includes complimentary KMPro 1-Year Membership - \$50 value). In-person Training Registration

[Quick Links](#)



EC-Council Network Security Administrator (ENSA)

Overview

EC-Councils' ENSA certification looks at network security in a defensive view while the CEH certification looks at the security in an offensive mode. The ENSA program is designed to provide fundamental skills needed to analyze the internal and external security threats against a network, and to develop security policies that will protect an organization's information.

Students will learn how to evaluate network and Internet security issues and design, as well as how to implement successful security policies and firewall strategies. In addition, they will learn how to expose system and network vulnerabilities and defend against them.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	EC-Council
Delivery Method	Online Courseware
Cost	Register on site for pricing details Registration Details

[Quick Links](#)



GIAC Certified Forensic Analyst (GCFA)

Overview

FOR508: Advanced Digital Forensics and Incident Response will train you and your team to respond, detect, scope, and stop intrusions and data breaches. This in-depth incident response course provides responders with advanced skills to hunt down, counter, and recover from a wide range of threats within enterprise networks, including APT adversaries, organized crime syndicates, and hacktivism. Constantly updated, FOR508 addresses today's incidents by providing hands-on incident response tactics and techniques that elite responders are successfully using in real-world breach cases.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$6,082.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Certified Intrusion Analyst (GCIA)

Overview

SEC503: Intrusion Detection In-Depth delivers the technical knowledge, insight, and hands-on training you need to defend your network with confidence. You will learn about the underlying theory of TCP/IP and the most used application protocols, such as HTTP, so that you can intelligently examine network traffic for signs of an intrusion. You will get plenty of practice learning to configure and master different open-source tools like tcpdump, Wireshark, Snort, Bro, and many more.

SEC503 is most appropriate for students who are or will become intrusion detection/prevention or security analysts, although others may benefit from the course as well. Students range all the way from seasoned analysts to novices with some TCP/IP background, but to keep pace with the class students are expected to have at least a basic working knowledge of TCP/IP.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Certified Incident Handler (GCIH)

Overview

SEC504: Hacker Tools, Techniques, Exploits and Incident Handling provides a time-tested, step-by-step process for responding to computer incidents, and a detailed description of how attackers undermine systems so you can prepare, detect, and respond to them. In addition, the course explores the legal issues associated with responding to computer attacks, including employee monitoring, working with law enforcement, and handling evidence. Finally, students will participate in a hands-on workshop that focuses on scanning for, exploiting, and defending systems.

The course is particularly well-suited to individuals who lead or are a part of an incident handling team. General security practitioners, system administrators, and security architects will benefit by understanding how to design, build, and operate their systems to prevent, detect, and respond to attacks.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Reverse Engineering Malware (GREM)

Overview

FOR610 training has helped forensic investigators, incident responders, security engineers, and IT administrators acquire the practical skills to examine malicious programs that target and infect Windows systems. Understanding the capabilities of malware is critical to an organization's ability to derive threat intelligence, respond to information security incidents, and fortify defenses. This course builds a strong foundation for reverse-engineering malicious software using a variety of system and network monitoring utilities, a disassembler, a debugger, and other tools useful for turning malware inside-out.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$1149.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Security Essentials Certification (GSEC)

Overview

SEC401: Security Essentials Boot camp Style offers students the most effective steps to prevent attacks and detect adversaries with actionable techniques that you can directly apply when you get back to work. Learn tips and tricks from the experts so that you can win the battle against the wide range of cyber adversaries that want to harm your environment.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,620.00 in-person training In-person Training Registration \$659.00 certification attempt only Certification Attempt Only

[Quick Links](#)



GIAC Security Leadership (GSLC)

Overview

MGT512: SANS Security Leadership Essentials For Managers with Knowledge Compression is designed to empower advancing managers who want to get up to speed quickly on information security issues and terminology. You won't just learn about security, you will learn how to manage security.

Essential security topics covered in this management track include: network fundamentals and applications, power, cooling and safety, architectural approaches to defense in depth, cyber attacks, vulnerability assessment and management, security policies, contingency and continuity planning, awareness management, risk management analysis, incident handling, Web application security, offensive and defensive information warfare, culminating with our management practicum.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SANS
Delivery Method	In-person Course
Cost	\$5,265.00 in-person training In-person Training Registration \$659.00 certification attempt only Certification Attempt Only

[Quick Links](#)



SCTE Internet Protocol Engineering Professional (IPEP)

Overview

The SCTE Internet Protocol Engineering Professional (IPEP) certifies knowledge in the engineering aspects of Internet Protocol systems as deployed in the Cable Telecommunications Industry. The scope of this certification includes the design, analysis, testing, integration, deployment considerations and troubleshooting of a variety of IP systems.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	SCTE Professional Certifications
Delivery Method	In-person and Online Courseware
Cost	\$300.00-\$600.00 in-person training In-person Training Registration \$185.00 certification attempt only Certification Attempt Only

[Quick Links](#)



Information Systems Security Engineering Professional (ISSEP)

Overview

Training Seminar for the ISSEP provides a comprehensive review of information security concepts and industry best practices, covering the 4 domains of the ISSEP CBK: Systems Security Engineering, Certification and Accreditation (C&A) / Risk Management Framework (RMF), Technical Management, U.S. Government Information Assurance Related Policies and Issuances.

This course is intended for CISSPs who have at least 2 years of recent full-time professional work experience in engineering and are pursuing ISSEP training and certification to demonstrate mastery in security engineering to advance within their current information security careers.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	(ISC)2
Delivery Method	In-person and Online Courseware
Cost	\$3,047.00 in-person training and certification In-person Training Registration

[Quick Links](#)



Information Technology Infrastructure Library - Expert

Overview

This is the ITIL course that leads to the ITIL Expert in IT Service Management certification. In this course, you'll be immersed in the contents of the ITIL publications. You'll focus on business, management, and supervisory objectives, purposes, processes, functions, and activities, and you will examine the interfaces and interactions between the processes covered in the Service Lifecycle. This course is designed using a case study-based approach to learning the core disciplines of the ITIL best practices.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Global Knowledge
Delivery Method	In-person and Online Courseware
Cost	\$3595.00 in-person training or online training with exam In-person and Virtual Training Registration

[Quick Links](#)



Information Technology Infrastructure Library - Foundations

Overview

In this exciting and dynamic course, you will get an introduction to the lifecycle of managing IT services to deliver to business expectations. Using an engaging case study, you'll learn the core disciplines of ITIL best practices. Upon completing this course, you'll be well positioned to successfully complete the associated ITIL exam required for entry into the future ITIL intermediate-level training courses.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Global Knowledge
Delivery Method	In-person and Online Courseware
Cost	\$2495.00 in-person training \$2395.00 online virtual training \$749.00 self-paced learning In-person Training Registration Self-paced Learning Registration

[Quick Links](#)



Information Technology Infrastructure Library - Intermediate

Overview

The Intermediate level certification is the next stage, following Foundation, in the ITIL[®] scheme. It has a modular structure with each module providing a different focus on IT Service Management. You can take as few or as many Intermediate qualifications as you need. The Intermediate modules go into more detail than the Foundation level, and provide an industry-recognized certification. The modules within the ITIL Intermediate level are divided into two categories – Service Lifecycle and Service Capability.

It is recommended that you have prior exposure to basic concepts in IT and at least two years' professional experience working in IT Service Management before undertaking any of the ITIL Intermediary modules.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Axelos
Delivery Method	In-person
Cost	\$2800.00 in-person training In-person Training Registration

[Quick Links](#)



Information Technology Infrastructure Library – Master

Overview

The ITIL® Master qualification validates your ability to apply the principles, methods and techniques from ITIL in the workplace. To achieve the ITIL Master Qualification, you must be able to explain and justify how you have personally selected and applied a range of knowledge, principles, methods and techniques from ITIL and supporting management techniques, to achieve desired business outcomes in one or more practical assignments.

Every ITIL Master candidate will select a different, personal range of experiences, so there is no fixed syllabus for this qualification. There is also no prescribed training course since the theory being tested will vary depending on the nature of the situation each candidate will choose.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Axelos
Delivery Method	Exam Only
Cost	\$799.00 Exam Registration

[Quick Links](#)



Portfolio Management Professional (PfMP)

Overview

The Portfolio Management Professional (PfMP)[®] signifies your advanced competency in the coordinated management of one or more portfolios to achieve strategic objectives. Organizations with mature project portfolio management practices complete 35 percent more of their programs successfully.

If you're an executive or senior-level practitioner managing a portfolio of projects and programs aligned with organizational strategy and focused on doing the right work, then the PfMP is the right choice for you.

Enroll in a formal study course offered by PMI chapters or accredited Registered Education Providers (R.E.P.s). You can also review self-study books published by R.E.P.s and other reputable training organizations.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Project Management Institute
Delivery Method	In-person and Virtual Sessions
Cost	\$500.00 In-person and virtual training only \$1000.00 In-person PMP Classes Instructor-Led Training Registration

[Quick Links](#)



Program Management Professional (PgMP)

Overview

A “program” is defined as multiple projects that are managed in a coordinated approach in order to achieve the strategic goals of the organization. The Program Management Professional (PgMP)[®] credential demonstrates a program manager’s competency and advanced skills. PgMP’s oversee multiple, related projects and their resources in order to achieve strategic goals.

Enroll in a formal study course offered by PMI chapters or accredited Registered Education Providers (R.E.P.s). You can also review self-study books published by R.E.P.s and other reputable training organizations.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Project Management Institute
Delivery Method	In-person and Virtual Sessions
Cost	\$500.00 In-person and virtual training only \$1000.00 In-person PMP Classes Instructor-Led Training Registration

[Quick Links](#)



Project Management Professional (PMP)

Our Live Virtual Project Management Professional (PMP)[®] classes are taught by expert instructors, who also bring their real-world and relevant experience to the students.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Project Management Institute
Delivery Method	In-person and Virtual Sessions
Cost	\$500.00 In-person and virtual training only \$1000.00 In-person PMP Classes Registration Details

[Quick Links](#)



Systems Security Certified Practitioner (SSCP)

Overview

The SSCP certification is the ideal credential for those with proven technical skills and practical security knowledge in hands-on operational IT roles. It provides industry-leading confirmation of a practitioner's ability to implement, monitor and administer IT infrastructure in accordance with information security policies and procedures that ensure data confidentiality, integrity and availability.

The SSCP indicates a practitioner's technical ability to tackle the operational demands and responsibilities of security practitioners, including authentication, security testing, intrusion detection/prevention, incident response and recovery, attacks and countermeasures, cryptography, malicious code countermeasures, and more.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	(ISC)2 CISSP Training Seminar
Delivery Method	In-person and Virtual Sessions
Cost	\$250.00 Exam Voucher Only \$2,695.00 In-person Training Instructor-Led Training Registration

[Quick Links](#)



IEEE Wireless Communication Engineering Technologies (WCET)

Overview

The SSCP certification is the ideal credential for those with proven technical skills and practical security knowledge in hands-on operational IT roles. It provides industry-leading confirmation of a practitioner's ability to implement, monitor and administer IT infrastructure in accordance with information security policies and procedures that ensure data confidentiality, integrity and availability.

The SSCP indicates a practitioner's technical ability to tackle the operational demands and responsibilities of security practitioners, including authentication, security testing, intrusion detection/prevention, incident response and recovery, attacks and countermeasures, cryptography, malicious code countermeasures, and more.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	IEEE WCET Certification Program
Delivery Method	Self-paced Study
Cost	\$450.00 Exam Voucher Only Registration Candidate Handbook

[Quick Links](#)



Certified Wireless Security Professional (CWSP)

Overview

The CWSP certification is a professional level wireless LAN certification for the CWNP Program. To earn a CWSP certification, you must hold a current and valid CWNA credential. You must take the CWSP exam at a Pearson Vue Testing Center and pass with a 70% or higher. Instructors must pass with a 80% or higher. However you choose to prepare for the CWSP exam, you should start with the exam objectives, which cover the full list of skills tested on the exam. The CWSP certification is valid for three (3) years. To recertify, you must have a current CWNA credential and pass the current CWSP exam. By passing the CWSP exam, your CWNA certificate will be renewed for another three years.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	Certified Wireless Network Professional
Delivery Method	Self-paced Study
Cost	\$225 for the exam \$595 for the eLearning Kit Learning Kit and Exam Voucher

[Quick Links](#)



Certified Wireless Technology Specialist (CWTS)

Overview

The Certified Wireless Technology Specialist (CWTS) is a certification that validates the knowledge and skillset of IT sales and support professionals on the basics of Enterprise 802.11 wireless networks. Hardware and software. Security and compliance. The “who, what, why” of Radio Frequency (RF). This comprehensive certification was designed to prove your understanding Wi-Fi technology and data networking and help put you on a track to continued success in the industry.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Institution	CWNP
Delivery Method	Online
Cost	\$225 for the exam \$595 for the eLearning kit Other Training Options available

[Quick Links](#)



Executive Certificate Programs

[Quick Links](#)



Chief Information Officer Program (CIO)

Overview

The NDU iCollege CIO Program is the recognized leader in graduate education for Federal leaders and agency personnel. It directly aligns with the Federal CIO Council-defined CIO competencies and addresses the Clinger-Cohen Act and other relevant legislation mandates as well as the current administration's interpretations and implementations of these legislative actions.

The CIO certificate program is organized around subject areas directly related to CIO competencies identified by the Federal CIO Council. Selected courses allow students to tailor their CIO program of study to meet their organization's needs and priorities.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	(6) Courses <ul style="list-style-type: none"> • Three required courses • One Security course • One Technology Course • One Leadership/Management course
Institution	National Defense University (NDU) iCollege Program Details
Delivery Method	Distance Learning – Online
Cost	\$0

[Quick Links](#)



Master of Science in Government Information Leadership

Overview

The Master of Science in Government Information Leadership (GIL) Degree Program is a selective program that addresses the educational needs of defense and government leaders who seek to lead complex and diverse 21st Century organizations. Participants from across defense and other federal, state, and local government organizations create a learning community hallmarked by partnerships, information sharing and network synergies.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	36 credits (12 courses)
Institution	National Defense University (NDU) iCollege Program Details
Delivery Method	In-person
Cost	\$ 0

[Quick Links](#)



Cyber Leadership (Cyber-L) Program

Overview

The NDU iCollege Cyber Leadership (Cyber-L) program focuses on developing the skills and desired leadership attributes necessary to be an effective strategic leader in the cyberspace domain. The program achieves this through a rigorous curriculum that enhances the understanding of all aspects of cyberspace and how to best integrate cyberspace with the other elements of national power to achieve the nation's strategic objective.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	6 Courses
Institution	National Defense University (NDU) iCollege Program Details
Delivery Method	In-person
Cost	\$ 0

[Quick Links](#)



Executive Certificate in Technology, Operations, and Value Chain Management

Overview

In this track, non-technical executives and tech savvy managers alike have an opportunity to learn how to recognize, manage, and profit from the significant ways in which rapidly evolving technology and global networks transform today's businesses. Namely, they learn how to model and solve problems facing large-scale projects, as well as new strategies for making smart project choices, which justify outcomes and create value.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	To qualify for an Executive Certificate, participants must complete four programs—with at least three of the four coming from their chosen certificate track—within a four-year period. At least one of these programs must be attended in person rather than virtually.
Institution	MIT Sloan Program Details Enrollment
Delivery Method	In person and virtually
Cost	\$13,200.00

[Quick Links](#)



Applied Cybersecurity

Overview

Sessions will address information security, ethical and legal practices, and mitigating cyber vulnerabilities. Participants will also learn about the process of incident response and analysis. The content is targeted at ensuring the privacy, reliability, and integrity of information systems. The majority of the course (about 75%) is geared toward participants at the decision-making level who need a broad overview, rather than those who are already deeply immersed in the technical aspects of cybersecurity (software development, digital forensics, etc.), although both groups will find the course valuable.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	4 days
Institution	MIT Professional Education
Delivery Method	In-person
Cost	\$4,800.00 Program Details

[Quick Links](#)



The Innovative Technology Leader

Overview

How can you create a culture of innovation to drive growth and performance? How can design thinking add value to leading edge information technology? What strategies and tactics are needed to move your organization forward? The Innovative Technology Leader will help you both anticipate and respond to the complex and rapidly changing issues in the world of information technology. In six intense days, you'll work with world-renowned Graduate School of Business faculty and peers from around the globe to explore the intersection of innovation and technology in Silicon Valley and beyond.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	Applicants must be proficient in the English language. All classes and discussions are conducted in English, and attendees are expected to fully participate in all aspects of the program.
Institution	Stanford University Program Details
Delivery Method	In-person
Cost	\$12,500.00

[Quick Links](#)



Creating Strategic Value Through IT

Overview

Alignment is the key, and that's what this intensely collaboratively program teaches: how to synchronize your technology strategy and overall business strategy to create value and gain competitive advantage. Guided by expert practitioners and thought leaders, you'll benchmark your IT against best practices and learn leading-edge frameworks for IT portfolio management. Through lectures and discussions of real-world challenges, you'll gain new knowledge and practical insight for designing and leading IT, managing complexity and risk, unlocking value from big data and analytics, and linking strategy to execution.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment
Requirements to be Completed	Individuals who serve on an IT executive management team, including CIOs/CTOs and direct reports Business unit executive sponsors of the IT team, including CFOs and SBU heads
Institution	Northwestern University Program Details
Delivery Method	In-person
Cost	\$6,300.00

[Quick Links](#)



DAU Courses

[Quick Links](#)



Cybersecurity Throughout DoD Acquisition

Overview

This continuous learning module provides foundational understanding of basic principles of cybersecurity and cybersecurity risk management in the defense acquisition field.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	5 hours Exam with 100% score Course Survey
Institution	DAU
Delivery Method	Distance Learning - Online
Cost	\$0

[Quick Links](#)



Basic Information Systems Acquisition

Overview

Within the framework of a program office IPT, this course covers introductory-level concepts in DoD information systems and software acquisition management. Key areas covered include DoD regulatory and technical frameworks, common software risks, software and system architectures, lifecycle reviews and software development and integration processes. Software standards, information assurance, software and system measures, testing, contracting issues, software quality, and the role of process maturity, as well as best practices for the management of software systems are also introduced.

Target Audience	Career Level – Early to Mid *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	29 hours, 100% passing score – 60 days to complete 2.3 Continuing Education Points, 23 Continuous Learning Points
Institution	DAU
Delivery Method	Distance Learning - Online
Cost	\$0

[Quick Links](#)



Intermediate Information Systems Acquisition

Overview

Intermediate Information Systems Acquisition focuses on the application of DoD policies, concepts, and best practices for the management and acquisition of Information Technology systems. Exercises, lectures, group discussion, and labs are used to cover topics ranging from strategic planning, Cybersecurity, architectures, advancing technologies, requirements management, cost estimation, measurements, process maturity, quality, and testing.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	9.5 days, 100% passing score 7.2 Continuing Education Points, 72 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

[Quick Links](#)



Advanced Enterprise Information Systems Acquisition

Overview

Using case studies, the course focuses on decision making and management of the development of DoD information communications technology systems, issues related to capital planning and investment control and (CPIC) portfolio management, enterprise architecture, cybersecurity, acquisition planning, systems test & evaluation, and systems engineering. Supplemented with industry speakers who provide industry perspectives on information systems management and contracting, this course integrates a variety of essential advanced topics critical to successful information systems acquisition.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	5 days 4.3 Continuing Education Points, 43 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

[Quick Links](#)



Advanced Program Information Systems Acquisition

Overview

Advanced Program Information Systems Acquisition is a critical thinking course for senior personnel who manage, acquire, engineer, test, and evaluate DoD software systems. Case studies, subject matter expert lectures, group discussion, and individually graded short essays are used to cover topics ranging from program planning, requirements management, cost estimation, cybersecurity, architectures, cloud computing, software design, software development including agile methods, measurements, process maturity, software sustainment, quality, testing and the latest emerging IT areas.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	4.5 days 3.7 Continuing Education Points, 37 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

[Quick Links](#)



Advanced Technical Leadership

Overview

This course builds upon the foundation established through the Level III curriculum. The primary focus of this course is for students to think critically about their leadership tendencies and how they plan to implement key leadership concepts provided in the course towards their future leadership growth on the job. Combined with a variety of advanced technical leadership approaches students will share their own leadership experiences and leverage the experiences of their peer students to identify personal leadership improvement opportunities and to synthesize an action plan to evolve their technical leadership capabilities.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	4 days 2.6 Continuing Education Points, 26 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

[Quick Links](#)



Fundamentals of Test & Evaluation

Overview

The Fundamentals of Test and Evaluation course emphasizes basic DoD test and evaluation (T&E) principles, policies, processes, and practices. TST 102 covers the integrated T&E processes outlined in the Defense Acquisition Guidebook and provides the essential foundation knowledge needed by T&E professionals and others to more effectively participate in DoD T&E activities.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	18 hours 1.8 Continuing Education Points, 18 CLPs
Institution	DAU
Delivery Method	Distance Learning - Online
Cost	\$0

[Quick Links](#)



Intermediate Test & Evaluation

Overview

Intermediate Test and Evaluation course emphasizes basic DoD test and evaluation (T&E) principles, policies, processes, and practices. TST 102 covers the integrated T&E processes outlined in the Defense Acquisition Guidebook and provides the essential foundation knowledge needed by T&E professionals and others to more effectively participate in DoD T&E activities.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	9.5 days 6.5 Continuing Education Points, 65 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

[Quick Links](#)



Advanced Test & Evaluation

Overview

Designed for senior DoD acquisition personnel, the Advanced Test and Evaluation (T&E) course is focused around leadership and management issues in a T&E environment. TST 303 involves facilitated discussion of current DoD policies, strategies, processes, and practices as they are applied and used for the planning and management of test and evaluation (T&E) for DoD systems. This course covers a variety of knowledge-building and interactive problem-solving skills using case studies developed around lessons learned from actual system acquisitions. Class discussion and study group efforts culminate in participant presentations based around case analysis and solution analysis.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	4.5 days 3.2 Continuing Education Points, 32 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

[Quick Links](#)



Fundamentals of Systems Engineering

Overview

This course is a technically rigorous, comprehensive introduction to Systems Engineering and the various Technical Management and Technical Processes involved in its application. Based around the Systems Engineering processes outlined in the Defense Acquisition Guidebook (DAG), this course provides the essential foundations needed for systems engineers and others to effectively participate in the application and the management of DoD Systems Engineering processes and their related activities.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	35 hours 3.5 Continuing Education Points, 35 CLPs
Institution	DAU
Delivery Method	Distance Learning - Online
Cost	\$0

[Quick Links](#)



Applied Systems Engineering in Defense Acquisition (Part 1)

Overview

This distance-learning course provides an understanding of how DoD's systems engineering technical and technical management processes can be applied to a notional system within the context of the acquisition life cycle. The course content provides the student with information on the scope and role of systems engineering, its major inputs and outputs, timing of technical baselines, the role of technical reviews, important design considerations, and other related areas.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	TBD (will be deployed in Q2 FY17)
Institution	DAU
Delivery Method	Distance Learning - Online
Cost	\$0

[Quick Links](#)



Applied Systems Engineering in Defense Acquisition (Part 2)

Overview

This course allows students to use the DoD systems engineering processes and techniques learned in SYS 202. Participants will work in integrated product teams and apply systems engineering technical processes and technical management processes to a defense system as it gets developed across the various phases of the acquisition lifecycle.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	4.5 Days 3.6 continuing Education Units, 36 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

[Quick Links](#)



Leadership in Engineering Defense Systems

Overview

ENG 301 is focused on the application of technical leadership skills within a typical DoD systems engineering environment. Participants are expected to have sufficient background knowledge of the DoD's systems engineering management processes, knowledge of the application of systems engineering to each acquisition phase, and the capability to apply these concepts to complex technical management problems involving critical thinking. This two week course will instruct students on how to lead engineering teams in the execution and technical risk management of complex, multi-disciplinary technical projects while promoting a holistic lifecycle perspective to defense system development. Topics include system security engineering, open architectures, reliability and maintainability.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	9.5 Days 8.9 continuing Education Units, 89 CLPs
Institution	DAU
Delivery Method	In-Person
Cost	\$0

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Introduction to Science and Technology Management

Overview

This course is an introduction to the various technology management processes involved with developing and transitioning new technologies. It provides an overview of the role of science and technology in the systems acquisition life cycle. The course focuses on the processes, techniques, policies and best practices that will be employed to ensure we are investing in appropriate technologies and that those technologies are refined and matured to be ready for use in a timely fashion.

Target Audience	Career Level – Mid to Late *Career Levels Are Recommendations and Do Not Solely Determine Eligibility for Program Enrollment Entry Level
Requirements to be Completed	4 hours 0.4 continuing Education Units, 4 CLPs
Institution	DAU
Delivery Method	Distance Learning - Online
Cost	\$0

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