



CAPELLA UNIVERSITY

Bachelor of Science (BS) in
Information Technology
with minors in

**Network Technology: Cisco[®] and
Network Technology: Microsoft[®]**

Bachelor of Science (BS) in Information Technology with minors in

Network Technology: Cisco® and Network Technology: Microsoft®



Computing
Accreditation
Commission

Capella's BS in IT program is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>. ABET accreditation is a key indicator of Capella's dedication to educational quality that prepares our alumni for entry or advancement in the IT industry.*

Earn in-demand certifications while earning your degree. Capella will give you the skills and knowledge you need to take the certification exam—and the voucher to take it for free. This specialization aligns to CompTIA A+, CompTIA Linux+, CompTIA Network+, CompTIA Security+, CompTIA Project+, Cisco Certified Network Associate (CCNA): Routing and Switching (Cisco Minor Only), Microsoft Certified Solutions Associate (MCSA): Windows Server 2012 (Microsoft Minor Only), Microsoft Certified Solutions Expert (MCSE): Server Infrastructure (Microsoft Minor Only).

Network Technology: Cisco®

The Network Technology: Cisco minor is designed to provide learners with the knowledge and skills needed to administer Cisco networks in a variety of environments. The curriculum addresses planning, designing, configuring, and troubleshooting Cisco networks in environments ranging from small, local networks to enterprise-wide integrated networks. Learners demonstrate an understanding of cloud computing, security, wireless networks, and RFID architectures. Upon successful completion of this minor, learners are prepared to pursue careers as network analysts, administrators, security engineers, support engineers, and consultants, or to pursue associated network technology industry certifications.

Network Technology: Microsoft®

The Network Technology: Microsoft minor is designed to provide learners with the knowledge and abilities needed to administer Microsoft networks in a variety of environments. The curriculum addresses planning, designing, configuring, and troubleshooting Microsoft networks in environments ranging from small, local networks to enterprise-wide integrated networks. Learners apply knowledge of cloud computing, security, wireless networks, virtualizations, Active Directory, and RFID architectures. Upon successful completion of this minor, learners are prepared to pursue careers as network analysts, administrators, security engineers, support engineers, and consultants, or to pursue associated network technology industry certifications.

A University on Top of IT Industry Trends

With the emergence of globalization and outsourcing, the field of information technology poses new challenges to IT professionals who want to advance in their careers. Previously it was enough simply to stay focused on “hard” skills through IT certifications and training. Today, organizations are looking for IT professionals who also understand the business needs of the enterprise, the creative possibilities of technology, and how to integrate that technology into complex enterprise-wide systems. Capella is aware of these trends and continues to adjust its curricula to keep up with the needs of this rapidly changing, dynamic field.

*The FlexPath format for the BS in Information Technology program specializations is not accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>.

This guide is intended to provide an overview of the minor and is subject to change. Your enrollment counselor can provide updates, details, and Capella's official *University Catalog* that specifies your program requirements.

Career Information

Capella's Career Center proactively assists learners and alumni in developing and implementing their unique career management goals. The Career Center staff is committed to helping you move forward in your career.

Knowledge gained through work experience and industry certifications may help you earn academic credit toward your degree through Capella's Prior Learning Assessment process, offering you potential savings on tuition and time to completion.†

These minors are offered in the GuidedPath delivery model.

RELATED EMPLOYMENT SETTINGS TO EXPLORE

- Corporation
- Small business
- Nonprofit organization
- Educational institution
- Government—local, state, federal
- Health care organization
- Technology company

RELATED JOB TITLES TO EXPLORE*

- Network administrator
- Network analyst
- Network system analyst
- LAN administrator
- Information technology specialist
- Network architect
- Security system manager
- Network and computer system administrator
- Network specialist
- Network engineer

SPECIALIZATION OUTCOMES

Network Technology: Cisco®

- Communicate effectively in IT business environments
- Evaluate the effectiveness of implementing a Cisco-based design through collaboration and the support of IT tools
- Design effective IT solutions for business IT environments using Cisco practices, policies, standards, and technologies
- Create a plan to solve business problems using Cisco-based technology and standards
- Administer a variety of Cisco-based business IT environments
- Troubleshoot a variety of Cisco-based business IT environments

- Apply general IT standards, policies, and security practices
- Employ internetwork design and administration concepts and technologies

Network Technology: Microsoft®

- Communicate effectively in IT business environments
- Evaluate the effectiveness of implementing a Microsoft-based design through collaboration and the support of IT tools
- Design effective IT solutions for business IT environments using Microsoft practices, policies, standards, and technologies

- Create a plan to solve business problems using Microsoft-based technology and standards
- Administer a variety of Microsoft-based business IT environments
- Troubleshoot a variety of Microsoft-based business IT environments
- Apply general IT standards, policies, and security practices
- Employ network design and administration concepts and technologies

*These are examples intended to serve as a general guide. Because many factors determine what position an individual may attain, Capella cannot guarantee that a graduate will secure any specific job title.

†Residents of Washington may receive credit for prior learning only in the bachelor's and MBA programs.

Curriculum

RESIDENCY CREDIT

Learners must complete a minimum of 45 quarter credits within the core and minor requirements at Capella University.

ADMISSION REQUIREMENTS

High school diploma or equivalent

Applicants must be at least 24 years old. (This age requirement may be waived for military applicants, veterans, and applicants with 24 or more quarter credits of prior college/university coursework.)

Applicants who do not have any credits eligible for college/university transfer must successfully complete a university-approved examination.

Learners enrolled in this specialization may qualify to take the Combined BS/MBA option or the Combined BS/MS in Information Systems and Technology Management option. Learners are also eligible to pursue multiple specializations.

- 45 general education quarter credits
- 54 core course quarter credits
- 24 minor course quarter credits
- 51 elective course quarter credits
- 6 capstone course quarter credits
- Total program credits: 180 quarter credits

GENERAL EDUCATION REQUIREMENTS

Choose 45 quarter credits with a minimum of 6 quarter credits from each of the following categories: communication, humanities, natural science and mathematics, and social science.

Required courses:

MAT1050	College Algebra	6 quarter credits
MAT2051*	Discrete Mathematics	6 quarter credits

CORE COURSES

IT1006	Information Technology Concepts and Practices.	6 quarter credits	OR
IT3006	Communication Strategies for the Information Technology Professional.	6 quarter credits	
IT2230	Introduction to Database Systems	3 quarter credits	
IT2249	Introduction to Programming with Java	6 quarter credits	
IT2250	Introduction to Network Technology	3 quarter credits	
IT3165	Ethics for the Information Technology Professional.	3 quarter credits	
IT3212	Introduction to Web Development	3 quarter credits	
IT3215*	Introduction to Javascript.	3 quarter credits	
IT3225	Business Goals for the Information Technology Professional	3 quarter credits	
IT3301*	User Experience and Interaction Design	3 quarter credits	
IT3315	Hardware and Operating Systems.	3 quarter credits	
IT3318	Systems Administration	3 quarter credits	
IT3345*	Software Architecture	3 quarter credits	
IT3349*	Intermediate Java Programming	3 quarter credits	
IT3355*	Network Architecture	3 quarter credits	
IT3358	Information Security Concepts for the Information Technology Professional	3 quarter credits	
PM3000	Principles of Project Management	3 quarter credits	

MINOR COURSES

Choose at least one of the following minors:

For a Network Technology: Cisco® minor:

IT4150*	Internetworking Architectures 1.	3 quarter credits
IT4155*	Internetworking Architectures 2.	3 quarter credits
IT4160*	Internetwork Analysis and Design	3 quarter credits
IT4165*	Internetwork System Assurance and Security.	3 quarter credits
IT4170*	Wireless Networks	3 quarter credits
IT4561*	Linux Operating Systems	3 quarter credits
IIT4571*	Advanced Linux Operating Systems	3 quarter credits
IT4580*	RFID Technologies	3 quarter credits

For a Network Technology: Microsoft® minor:

IT4510*	Network Infrastructures Administration	3 quarter credits
IT4520*	Advanced Network Infrastructures Administration	3 quarter credits
IT4530*	Enterprise Administration	3 quarter credits
IT4541*	Enterprise Server Infrastructure 1	3 quarter credits
IT4551*	Enterprise Server Infrastructure 2	3 quarter credits
IT4561*	Linux Operating Systems	3 quarter credits
IT4571*	Advanced Linux Operating Systems	3 quarter credits
IT4580*	RFID Technologies	3 quarter credits

The courses in this program may require live web conferencing activities and/or learner audio/video recordings. Learners who require assistive technology or alternative communication methods to participate in these activities should contact Disability Services to request accommodations.

ELECTIVE COURSES

Choose 51 quarter credits of additional undergraduate courses.

CAPSTONE COURSE

Taken during the learner's final quarter:

IT4990 Information Technology Capstone Project 6 quarter credits

*Denotes courses that have prerequisite(s). Refer to the course descriptions for further details.

In this program, you will experience practical, hands-on learning designed around best practices in a safe, interactive virtual lab environment. This virtual platform allows you to develop skills by practicing with tools used in the industry.

In this program, you receive full business account access to over 5,000 online courses available from Pluralsight, a global leader in online learning for IT specialists—a \$499 value—that also includes access to Code School, at no extra cost.

Required General Education Course Descriptions

MAT1050 College Algebra 6 QUARTER CREDITS

Learners in this course evaluate and perform linear, exponential, logarithmic, and other mathematical functions that include algebraic, graphic, and numeric properties. Learners then apply these concepts to the social and natural sciences, business, and everyday life.

MAT2051 Discrete Mathematics 6 QUARTER CREDITS

This course presents an overview of mathematical analysis techniques. Learners apply number logic and set theory, functions and sequences, relations equivalence, partial order, digraphs, recurrence relations, counting techniques, logic and techniques of proof, graphs, and algorithms to the fields of business and information technology. **Prerequisite(s): MAT1050.**

Core Course Descriptions

IT1006 Information Technology Concepts and Practices 6 QUARTER CREDITS

Learners in this course use terminology, concept analysis, and practical knowledge of the components of computing systems to develop their understanding of the information technology field. Throughout the course, learners also build, demonstrate, and apply skills needed for professional communication. **For BS in Information Technology learners only. Learners may only receive credit for IT1006 or IT3006. Must be taken during the learner's first quarter. Cannot be fulfilled by transfer or prior learning assessment.**

IT3006 Communication Strategies for the Information Technology Professional 6 QUARTER CREDITS

In this course, learners analyze contemporary topics from the field of information technology. Learners gain knowledge and experience in computing systems and systems requirements, options, and issues. Learners also strengthen and apply skills needed for professional communication. **For BS in Information Technology learners only. Learners may only receive credit for IT1006 or IT3006. Must be taken during the learner's first quarter. Cannot be fulfilled by transfer or prior learning assessment.**

IT2230 Introduction to Database Systems 3 QUARTER CREDITS

This course is an introduction to the fundamental concepts of databases and database management systems (DBMS). Learners demonstrate vocabulary, component requirements, sorting and querying, and maintenance of simple databases using the fundamentals of database manipulation. Learners also apply Structured Query Language (SQL) and MS Access.

IT2249 Introduction to Programming with Java 6 QUARTER CREDITS

This course introduces learners to the programming discipline and prepares them to serve as Java programmers. Learners study and apply the fundamentals of the Java programming language such as data types, variables, expressions, statements, and methods. Learners also examine and practice the Java-object-oriented features of classes and objects. The course offers numerous opportunities for analyzing, designing, coding, testing, debugging, and evaluating Java programs in an authentic Java development environment.

IT2250 Introduction to Network Technology 3 QUARTER CREDITS
In this course, an introduction to the basic concepts of network technology, learners manipulate the open systems interconnection (OSI) model, local area networks (LANs), metropolitan area networks (MANs), wide area networks (WANs), network devices, and network wiring standards. Learners also apply security architecture, construct network designs, build network operating systems, and validate ways networks function in order to support organizations.

IT3165 Ethics for the Information Technology Professional 3 QUARTER CREDITS
Learners in this course identify and apply their knowledge of inherent ethical concerns in the information technology profession to cultural and human interaction in global and domestic issues. Learners also show evidence of their understanding of ethical codes related to web technologies, intellectual property, and cybercrime.

IT3212 Introduction to Web Development 3 QUARTER CREDITS
This course focuses on the development of fundamental web design and development skills. Learners create web pages using HTML5 markup language and apply contemporary design principles to create a W3C compliant website. Learners format the page layout, structure, and visual design elements using CSS3, with emphasis placed on effective coding, visual design, and user experience.

IT3215 Introduction to JavaScript 3 QUARTER CREDITS
This course introduces JavaScript for interactive web pages. Learners in this course cover the JavaScript scripting language essentials, including flow control, form validation, animation, and Document Object Model (DOM) manipulation. Learners develop client-side, platform independent functionality using JavaScript to enhance user experience with HTML5 and CSS3. This course provides a foundation for other web technologies such as jQuery and AJAX.
Prerequisite(s): Completion of or concurrent registration in IT3212.

IT3225 Business Goals for the Information Technology Professional 3 QUARTER CREDITS
This course focuses on core enterprise organizations, business processes, and information technology infrastructures. Learners display their understanding of the value of information technology in achieving organizational maturity. Learners in this course apply their knowledge of the relationship that exists between an enterprise organization's business and information technology goals with operational models.

IT3301 User Experience and Interaction Design 3 QUARTER CREDITS
In this course, learners explore the boundary between humans and technology with a focus on the human factors that influence the design of effective interfaces and engaging user experiences. Learners analyze designs for enterprise, mobile, and web interactive environments. Learners also define user characteristics, design for accessibility, and appraise usability. **Prerequisite(s): IT2249.**

IT3315 Hardware and Operating Systems 3 QUARTER CREDITS
In this course, learners demonstrate their knowledge of hardware and operating systems, focusing on peripherals and file management. Learners use modern operating systems, including Windows, Linux and MacOS to demonstrate their skill with hardware and operating systems.

IT3318 Systems Administration 3 QUARTER CREDITS
Learners demonstrate their knowledge and skills in system administration and synthesize their understanding of systems administration to plan for a division of administrative tasks typical of organizations of different sizes.

IT3345 Software Architecture 3 QUARTER CREDITS
Learners in this course demonstrate their knowledge and skills with the fundamentals of software and database architecture using UML diagrams. Learners synthesize this knowledge in order to conduct a requirements analysis and to design a network architecture. They also demonstrate the other steps in the software development life cycle (SDLC). **Prerequisite(s): Completion of or concurrent registration in IT2230.**

IT3349 Intermediate Java Programming

3 QUARTER CREDITS

This course focuses on beyond basic features and techniques of the Java programming language. Learners study and practice advanced object-oriented programming concepts like inheritance, polymorphism, interfaces, and abstract classes. Learners also cover programming Graphical User Interface (GUI) applications with Java and the Java rich library of data structures like lists, stacks, and queues. Learners apply these features and techniques to develop applications of moderate complexity. **Prerequisite(s): IT2249.**

IT3355 Network Architecture

3 QUARTER CREDITS

Learners in this course demonstrate their knowledge and skills with the fundamentals of network architecture. Learners apply knowledge of network characteristics and network topologies to develop a scope document for a proposed network architecture.

Prerequisite(s): Completion of or concurrent registration in IT2250.

IT3358 Information Security Concepts for the Information Technology Professional

3 QUARTER CREDITS

Learners in this course demonstrate their knowledge of information security fundamentals. Learners apply their understanding of the concepts of confidentiality, integrity, and availability to the basics of access control and network security measures.

PM3000 Principles of Project Management

3 QUARTER CREDITS

In this course, learners are introduced to the fundamental basics of project management and gain a broad overview of project management standards and their applicability to both business and IT projects. This course emphasizes management theories, concepts, tools and techniques defined by the Project Management Institute (PMI®) including the Process Groups and Knowledge Areas. This course also introduces other project management methodologies and frameworks, including Agile (Scrum, Lean, DSDM and XP), PRINCE2®, Waterfall, and Six Sigma. Finally, learners study project politics and ethics, collaboration and team building, and leadership.

Minor Course Descriptions

IT4150 Internetworking Architectures 1

3 QUARTER CREDITS

Learners in this course develop their understanding of the design and integration of multi-protocol networks (local area networks and wide area networks) to form an enterprise network. Learners design intranets/internets, virtual local area networks (VLANs), and firewalls using different internetworking devices and media. Learners gain the skills needed to configure Cisco® equipment, and analyze issues associated with designing enterprise networks including cost, compatibility, expandability, security, and future requirements.

Prerequisite(s): Completion of or concurrent registration in IT3355 and IT3358.

IT4155 Internetworking Architectures 2

3 QUARTER CREDITS

This course focuses on the architectural methodologies used in the design and development of computer networks, including the physical structure of internal components of network devices and their interactions in local area networks (LANs) and wide area networks (WANs). Learners study the planning, methods, procedures, and tools necessary to prevent vulnerabilities in networked systems, and examine the procedures used to validate and restore network services following an incident. Topics also include the management, operation, and maintenance of networked and managed systems as well as linked systems and peripherals. **Prerequisite(s): Completion of or concurrent registration in IT4150.**

IT4160 Internetwork Analysis and Design

3 QUARTER CREDITS

In this course, learners investigate the internetworking concepts for analyzing, planning, designing, and securing an enterprise network. In particular, learners apply a top-down approach to network design, modular hierarchies, enterprise network considerations, IPv4 and IPv6 addressing, wireless network architectures, and internetworking security lifecycle.

Prerequisite(s): Completion of or concurrent registration in IT4155.

IT4165 Internetwork System Assurance and Security

3 QUARTER CREDITS

This course introduces learners to information assurance and security for Cisco® IOS. Learners gain knowledge and skills needed to develop security infrastructures, recognize threats, identify vulnerabilities, and protect an organization from exposure to online dangers. Learners use Cisco hardware and software to incorporate security-conscious designs and test strategies for recognizing and mitigating threats, as well as identifying common layer 2 attacks. Learners also explore hardware filtering, site-to-site VPNs, and authentication and encryption techniques. **Prerequisite(s): Completion of or concurrent registration in IT4155.**

IT4170 Wireless Networks

3 QUARTER CREDITS

Learners evaluate fundamental wireless networking concepts and tools for planning, installing, configuring, optimizing, securing, and troubleshooting wireless local area networks (WLANs). Learners acquire and demonstrate knowledge of wireless-related technologies, standards, and topologies for network professionals who must design and implement secure wireless network infrastructures. **Prerequisite(s): Completion of or concurrent registration in IT3355 and IT3358.**

IT4510 Network Infrastructures Administration

3 QUARTER CREDITS

In this course, learners explore fundamental network administration concepts using the latest network operating system (NOS) tools for planning, installing, configuring, optimizing, securing, printing, and troubleshooting an enterprise network. Topics include IPv6, DHCP, DNS, group policy, SNMP, and print services. **Prerequisite(s): Completion of or concurrent registration in IT3355 and IT3358.**

IT4520 Advanced Network Infrastructures Administration

3 QUARTER CREDITS

In this course, learners examine and apply advanced network administration concepts using the latest network operating system's (NOS) tools for deploying servers and configuring remote access, web services, and network application services within an enterprise network. Learners evaluate virtual machines, integrated services, cluster failover, load balancing, RAID, IIS, SMTP, SAN, and SSL. **Prerequisite(s): Completion of or concurrent registration in IT4510.**

IT4530 Enterprise Administration

3 QUARTER CREDITS

Learners employ administration concepts related to enterprise networks using the latest network operating system's (NOS) tools for deploying servers and configuring network application services within an enterprise network. Learners also apply concepts such as IP addressing, name resolution, remote access, Terminal Services, Active Directory, authentication, and data security to large enterprise networks. **Prerequisite(s): Completion of or concurrent registration in IT4520.**

IT4541 Enterprise Server Infrastructure 1

3 QUARTER CREDITS

Learners in this course develop the skills to plan, design, analyze, and implement servers in an enterprise environment. Learners acquire and apply knowledge of implementation strategies specific to server migration, virtualization planning, DHCP design, VPN solutions, deploying file and storage services, and Active Directory configuration. **Prerequisite(s): Completion of or concurrent registration in IT4530.**

IT4551 Enterprise Server Infrastructure 2

3 QUARTER CREDITS

Learners investigate and implement advanced topics in the administration and strategic support of enterprise server environments. Learners also develop administrative and monitoring strategies; build an understanding of federated identity solutions, site certificates, failover and clustering, and business continuity; and evaluate technical planning and deployment strategies for virtualized environments. **Prerequisite(s): Completion of or concurrent registration in IT4541.**

IT4561 Linux Operating Systems

3 QUARTER CREDITS

Learners in this course demonstrate an understanding of the fundamental concepts of the Linux operating system. Learners use command line tools and software packages, and practice hardware configuration, file management, process management, and file editing. **Prerequisite(s): Completion of or concurrent registration in IT3318.**

IT4571 Advanced Linux Operating Systems

3 QUARTER CREDITS

In this course, learners apply knowledge of advanced topics specific to the Linux operating system. Learners administer the Linux system, configure the X Window System, script, and implement network configuration and security. **Prerequisite(s): Completion of or concurrent registration in IT4561.**

IT4580 RFID Technologies

3 QUARTER CREDITS

In this course, learners investigate the fundamentals of RFID technologies and assess the tools for planning, installing, configuring, optimizing, monitoring, and troubleshooting RFID within a network environment. Learners build and demonstrate knowledge of interrogation zones, tag classification, RF propagation, standards and regulations, and RF infrastructure design. **Prerequisite(s): Completion of or concurrent registration in IT3355 and IT3358.**

Capstone Course Description

IT4990 Information Technology Capstone Project

6 QUARTER CREDITS

In this course, learners apply knowledge and skills from other courses as they develop a project that benefits an organization, community, or industry. Learners prepare a proposal that includes a project description, deliverables, completion dates, and associated learning. Upon approval from the instructor, learners execute the proposal, record their progress weekly using a project tracking website, and produce a final project report. **For BS in Information Technology learners only. Must be taken during the learner's final quarter. Cannot be fulfilled by transfer or prior learning assessment.**

Tuition and Fees

Digital course materials covered by the quarterly resource kit fee offer advantages such as immediate mobile access to books; fast, easy full-text search of materials; digital note-taking; and peer collaboration through note sharing.

This tuition estimate is effective July 10, 2017, and is subject to change. For current pricing, visit the Capella University website at www.capella.edu.

	TUITION/FEE
Tuition per lower-division credit (1000–2000 level)	\$347
Tuition per upper-division credit (3000–4000 level)	\$402
Resource kit per quarter	\$175

Financial Aid

There are many financial aid options available to help you offset tuition costs.

Capella University offers assistance to learners who qualify and would like to secure educational funding to help finance their academic program. A number of options are available, given the diverse needs and backgrounds of prospective learners. Options include:

Contact an enrollment counselor at **1.888.CAPELLA (227.3552)** to discuss your financial aid opportunities.

- Federal Direct Stafford Loan Program
- Federal Direct PLUS Loan Program
- Non-federal loans through preferred lenders and financial institutions
- Capella scholarships
- External scholarships
- Veterans' educational benefits and U.S. armed forces discounts
- Corporate and higher education alliances
- Employer tuition reimbursement

Regarding loan programs, interest rates for Stafford student loans are low compared to other types of consumer loans, and repayment can be deferred until after graduation. In compliance with federal and state laws, Capella University has established policies for all learners regarding satisfactory academic progress, which is necessary for financial aid eligibility.

Academic Leadership

Rhonda Capron, EdD

Dean

Dr. Rhonda Capron is an accomplished leader with remarkable business acumen, extensive academic experience and professional relevance within the confluence of today's transformative marketplace. She brings a unique blend of background and experience to Capella as a seasoned executive and higher education leader with more than 15 years of experience successfully leading strategic initiatives and operations within high-tech businesses. She also has 10 years in higher education, including extensive, hands-on experience teaching; faculty and staff leadership; academic programming; curriculum development; and strategic planning. Dr. Capron joined Capella in 2016. She was previously the academic dean of the School of Business at University of Phoenix. Prior to that position, she held a number of academic leadership roles at William Jessup University in Rocklin, California. In addition she has an extensive background in both the business sector and the military. Rhonda was vice president of support services and software as a service at Oracle Corporation, and she served as the deputy director for operations within the Departments of Army and Energy.

Bill Dafnis, PhD

Associate Dean and Faculty Chair

Dr. Bill Dafnis is the associate dean of technology in Capella University's School of Business and Technology and faculty chair for undergraduate technology. Bill joined Capella in 2014 to serve as faculty chair in the ABET-accredited BS in IT program. Prior to joining Capella, Bill served in faculty and academic leadership roles at other academic institutions. Preceding his academic career, Bill traversed a distinguished 20-year profession with the Chicago-based media conglomerate Tribune Company in leadership roles inclusive of information technology, project management, and operations management. Bill holds a PhD in Information Systems from Nova Southeastern University, Master of Science in Information Technology with a security focus from Carnegie Mellon University, Master of Business Administration from Lake Forest College, and Bachelor of Arts from the University of Illinois and is certified as a Project Management Professional (PMP). His research interests include the intersection of disruptive change and innovation planning, cloud computing economic models, business process modeling, project management, and information security.

Move Forward with Capella University

Important Information about the educational debt, earnings, and completion rates of students who attended this program: http://capellaresults.com/BS_info_tech.asp.

WORKING SCHOLARS

Capella provides an online, flexible learning environment for working adults who are also determined scholars. That connection between academic and professional work infuses the entire Capella experience—from the faculty we recruit to the course projects you complete. The theories discussed in the courseroom are designed to develop working knowledge for everyday situations.

AN ACCREDITED UNIVERSITY

Our accreditation* is an assurance to students, employers, and the public that Capella University meets or exceeds established standards for quality of faculty, curriculum, and learner services. It is also an important factor in the ability to transfer credits among higher education institutions. Regional accreditation, the type held by Capella, is the most common type for major public, state, and private institutions in the United States.

VALUING YOUR KNOWLEDGE AND EXPERIENCE

Adults bring a wealth of experience and learning to their education. Capella courses are designed to bring out your perspectives just as you gain from others' ideas. Your knowledge can also be worth time and money: An enrollment counselor can help you estimate how much of your prior learning may apply toward your Capella degree program.



CAPELLA UNIVERSITY

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1.888.CAPELLA (227.3552)
www.capella.edu

*ACCREDITATION

Capella University is accredited by the Higher Learning Commission.

HIGHER LEARNING COMMISSION
<https://www.hlcommission.org>
800.621.7440

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