Welcome to the School of Information Technology at Monroe College! Whether you are already part of the Monroe family or exploring the possibility of joining us, I invite you to explore our offerings to understand the key role the School of Information Technology plays in the mission of our College.

Education is an important investment in your future, and I believe that our curriculum, qualified and experienced faculty members, and state-of-the-art technology in the classroom make us the right place for you. As information technology students, you are my number one priority and I am committed to providing the technological resources and support you need to succeed in school.

Information Technology is a continually evolving field and we do our best to stay on par with needs of the industry. We are passionate about our institution, our school and above all our students. We hope that you will find your experiences at Monroe College to be as valuable as we do. If you need additional information, please do not hesitate to contact the School of Information Technology at 718.933.6700 Ext. 8423 or visit our office in suite 200 in Monroe Hall, The Bronx Campus.

Nilesh Shah, Dean, School of Information Technology

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The School of Information Technology shares its missions with that of the college:

- Monroe College provides professional, career-oriented higher education to students from diverse backgrounds.
- We proudly offer access and opportunity to motivated students who desire to enrich their lives in a personalized and supportive environment.
- We provide caring and effective teaching and sustain faculty who are passionate, knowledgeable, and dedicated to student success.
- We build on these strengths to prepare graduates for successful careers.

Our mission is guided by core beliefs including a commitment to students, a commitment to a respectful, caring environment, and a commitment to accomplishment.
Overview
Information technology is driving business growth. Advanced digital applications, social media, and robust networking capabilities have forced executives to refocus their business strategies and strengthen their IT influence. The Monroe College School of Information Technology understands this shift in philosophy and aims to provide students with the knowledge and skills necessary to excel in this ever-changing environment.

There is an abundance of career opportunities within the IT field that the Bureau of Labor Statistics has deemed very favorable for growth and advancement over the next 10 years.

What is unique about IT professionals is that they can be found in virtually all industries, including health, fashion, music, financial, hospitality, non-profit, and government. This gives graduates a wide variety of employment choices upon graduation.

Awards & Accomplishments
We are a CISCO Academy, and many of our courses are designed to prepare students for industry recognized certifications such as A+, CCNA, MCSE, MCSA, Network+, Security+ and Oracle track. Students exhibiting proficiency in such areas are given free vouchers to appear for the certification examinations. In the current academic year, approximately 100 certifications were achieved by the School of IT students.

Program Clubs
Getting involved beyond the classroom is highly recommended as it will enrich your education, build your network—all while cementing lifelong connections and friends. There are a number of clubs in the School of Information Technology and they all welcome and accept freshmen.

INFORMATION TECHNOLOGY STUDENT ASSOCIATION (ITSA)
ITSA serves both the Bronx and New Rochelle campuses. The club, which meets weekly, welcomes all students regardless of academic major.

NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)
NSBE serves both the Bronx and New Rochelle campuses. The club, which meets weekly, welcomes all students regardless of academic major. Membership to ITSA is a requirement.

The ITSA and NSBE Clubs will promote and provide a feeling of community among computer enthusiasts at Monroe College by:

- Providing a forum for socialization
- Providing networking opportunities for students to meet people in the industry
- Visiting various computer shows and computer-related events
- Hosting interesting speakers
- Serving the community by offering volunteer services to local business
- Providing a vehicle by which donations may be received and properly distributed
- Spreading the knowledge by offering student-led workshops to non-information technology major students
Program Career Opportunities

The Monroe Advantage Plan:
The School of Information Technology requires students to attend 3 semesters (Fall, Winter, and Spring) each year to stay in sequence with program requirements. The students who follow our recommendations:

• Earn a Bachelor’s degree in three years
• Earn up to 45 credits in one year
• Maintain tuition affordability with scholarships and grants
• Increase their chances for on-time graduation by over 65%
• Experience real world internships in their field of study
• Still have the entire month of August off to relax and enjoy with friends and family, as well as two weeks off in both December and April

ASSOCIATE DEGREE

Associate Degree in Information Technology
There has been an explosion of computer users in business. These users neither know, nor need to know, very much about how a computer works in order to use it. Therefore there is a great demand for “user advocates” to help them decide which technology is appropriate for their needs and to help them deploy and use that technology. The Associate Information Technology Degree program will provide the resources for Monroe students to become one of these much sought-after advocates.

Information Technology students learn to “make things work” for people in today’s business. The curriculum develops competencies in four major areas: technical/practical skills, business/soft skills, industry/field experience and certifications.

CAREER OPPORTUNITIES:
• Computers Systems Analysts
• Software Engineering
• Application Development
• Network Design
• Web Development
• Database Administration
• Computer Support and Training
Bachelor’s Degree in Information Technology

Our Bachelor’s Degree in Information Technology empowers students to excel as networkers, developers, program designers, and positive difference-makers in business. Students enrolled in Monroe’s Bachelor’s Degree in Information Technology Program are taught by leaders in IT including CIOs, network analysts, database administrators, and more. By imparting their specialized knowledge into our rigorous curriculum, our faculty prepares students for successful real-world internships at leading tech firms, financial institutions, and government security agencies.

The Bachelor Degree Program in Information Technology focuses on developing practical employable technologists. The School of Information Technology (SIT) teaches students to apply what they have learned and to adapt to the constantly changing technological world. With this in mind, the program is geared to respond to new technological developments.

Students will gain a solid IT foundation. The curriculum will develop students in the four areas of competencies most sought-after for employment: technical/practical skills, business/soft skills, industry/field experience and certifications. Courses will provide graduates with the management, team-building, communication, critical-thinking, and technical skills needed to keep current with ongoing and rapid advances in technology and will make them eligible to explore a varied array of career choices.

Bachelor’s Degree students can choose to minor in Networking, Web and Database Technologies, or Cyber Security and Forensics.

**CAREER OPPORTUNITIES:**
- CISCO Network Specialist
- Jr. Project Manager
- Systems Analyst
- Web Developer/Programmer
- IT Business Analyst
- IT Support Specialist

**Minor in Networking**
- Networking Administrator
- Computer Support
- Computer Systems Analyst

**Minor in Web and Database Technologies**
- Web Designer/Developer/Administrator
- Database Administrator

**Minor in Cyber Security and Forensics**
- Computer Security specialists
- Network Security Analysts
- System Analysts
Faculty Profiles

Nilesh Shah, Dean

Asteria Villegas, Chair

Cliff Brozo, Deputy Chair

Prof. Carolyn Biskup
Intro to IT, Integrated Business Applications (MS-Office), Electronic Spreadsheets

Prof. Taoufik Ennoure
Intro to IT, Database Management System (MS-Access, Oracle), Web Design (HTML5, CSS), Multimedia Authoring (Adobe Suite), Programming Logic (C++), Visual Basic, Java, Advanced Programming (OOP in C++), Advanced Web Design (javascript, jQuery), Mobile Application Development

Prof. Yvonne Bantin
Intro to IT, Integrated Business Applications (MS-Office), Electronic Spreadsheets, Advanced Spreadsheets
Faculty Profiles

Prof. Tom Marx
Intro to IT, Database (MS-Access), Programming Logic (C++), Integrated Business Applications (MS-Office), Computer Hardware, Computer Software, Systems Analysis & Design

Prof. Hydrum Middleton-Weaver
Intro to IT, Integrated Business Applications (MS-Office), Electronic Spreadsheets

Prof. Patricia Payne
Intro to IT, Integrated Business Applications (MS-Office), Electronic Spreadsheets

Prof. Shantanu Bhagoji
Intro to IT, Database (MS-Access), Web Design (HTML5, CSS), Multimedia Authoring (Adobe Suite), Programming Logic (C++), Visual Basic, CISCO I-II, Integrated Business Applications (MS-Office)

Dr. Jacob Boaheng
Intro to IT, CISCO I-IV, Network Security, Active directory, Ethical Hacking, Information Security, Network & computer Forensics

Prof. Hydrum Middleton-Weaver
Intro to IT, Integrated Business Applications (MS-Office), Electronic Spreadsheets

Prof. Patricia Payne
Intro to IT, Integrated Business Applications (MS-Office), Electronic Spreadsheets

Prof. Jeffrey Donovan
Intro to IT, Integrated Business Applications (MS-Office)

Prof. Jaqueline Shaw
Computer Hardware, Computer Software, Systems Analysis & Design, CISCO I-II

Dr. Michael Connell