

# INFORMATION SYSTEM TECHNOLOGY

## Certificate

The Department of Information Systems Technology offers coursework in computer hardware repair, computer networking, network security and network management. The IST Certificate is designed to prepare the student for a place in the Information Technology workplace with a 24-credit milestone.

The eight-course sequence of the IST Certificate program provides some preparation for industry-recognized certifications such as the CompTIA A+, CompTIA Net+, Cisco Certified Network Associate (CCNA), FOA Certified Fiber Optic Technician (CFOT), FOA Fiber To The Premises (CFxT), the Microsoft Technology Associate, and EMC2 ISM.



The eight-course requirement is flexible, with a maximum of fifteen 100-level credits and a minimum of nine 200-level credits in courses with IST designations.

Students may then choose to finish the Associate in Science Degree and further their education at a four-year college.

### **GAINFUL EMPLOYMENT DISCLOSER:**

View online at:

[www.greatbay.edu/GEinformation-systems](http://www.greatbay.edu/GEinformation-systems)

## READY TO TAKE THE NEXT STEP?

Apply today: [greatbay.edu/admissions](http://greatbay.edu/admissions)  
[gbadmissions@ccsnh.edu](mailto:gbadmissions@ccsnh.edu) | (603)427-7600  
320 Corporate Drive  
Portsmouth, NH 03801

## Your Road to *Success*

### 24 Credits to Complete

#### **INFORMATION SYSTEMS TECHNOLOGY CURRICULUM:**

- IST 112G - Applied Logic
- IST 113G - IT Essentials PC Hardware & Software
- IST 122G - Intro to Networks
- IST 123G - Routing & Switching Essentials
- IST 142G - Virtualization Essentials
- IST 150G - Network Operating Systems Fundamentals
- IST 151G - Windows Network Operating System
- IST 161G - Intro to Information Assurance
- IST 200G - Communication Electro-optics
- IST 212G - Mobile Systems Architecture
- IST 221G - Advanced Switching
- IST 222G - Scaling Networks
- IST 223G - Connecting Networks
- IST 228G - Network Implementation
- IST 242G - Advanced Virtualization
- IST 245G - Information Storage & Management
- IST 251G - Windows NOS Services
- IST 253G - Windows Server 2008 Active Directory
- IST 262G - Advanced Network Security
- IST 264G - Configuration of Security Appliance
- IST 266G - Security +
- IST 275G - Network Protocols & Services
- IST 281G - Internship

*Courses are subject to change.*



**Great Bay**  
Community College

PORTSMOUTH / ROCHESTER