

Information Technology
Associate in Applied Science
60 Semester Hours^A

ONETonline.org SOC Code: 11-3021

The Information Technology program offers students an opportunity to earn an Associate in Applied Science degree. This program provides students with the skills and knowledge for entry level information technology-related careers. Graduates of this program will be qualified for employment as network technicians, help desk technicians, technical support representatives, and PC maintenance technicians. Upon completion of this program graduates will have basic knowledge of network administration, hardware/software interface and troubleshooting, operating systems, and design skills.

Upon successful completion of the Information Technology Program, graduates will be able to:

- Apply basic system administration and scripting techniques
- Apply the foundation of management information systems
- Perform routine maintenance and repairs on the personal computer (PC)
- Install and troubleshoot operating systems
- Design an interactive website
- Demonstrate knowledge regarding information systems
- Design and manage a database
- Demonstrate basic knowledge of networking
- Demonstrate a basic knowledge of business organization and procedures
- Demonstrate effective communication skills
- Develop scientific knowledge and mathematical analytical skills and techniques
- Demonstrate global awareness and knowledge of human diversity

Program Implementation: Full-time day (Students attending part-time should see advisor for recommended course sequencing).

Recommended Course Sequence – Information Technology, Associate in Applied Science Degree

First Year—Fall Semester			First Year - Spring Semester		
Dept.	Course Title	Sem. Hrs.	Dept.	Course Title	Sem. Hrs.
BUS 101	Introduction to Business	3	BUS 203	Communications in Business OR	3
CIS 114	Introduction to Computer Applications and Concepts	3	ENL 102	English Composition II	(3)
CIS 122	Introduction to Information Systems	3	CIS 121	Database Management Software	3
ENL 101	English Composition I	3	IT 134	Networking Fundamentals	3
Elective	Math Elective (MTH 121 or higher)	3	IT 180	PC Repair and Troubleshooting	3
			SSC 147	Understanding Human Diversity	3
Total Semester Hours		15	Total Semester Hours		15
Second Year—Fall Semester			Second Year—Spring Semester		
Dept.	Course Title	Sem. Hrs.	Dept.	Course Title	Sem. Hrs.
CIS 119	Spreadsheet Software	3	CIS 133	Introduction to Web Design	3
IT 181	Operating Systems	3	IT 276	IT Capstone OR	3
Elective	IT Elective	3	IT 278	IT Internship	(3)
Elective	IT Elective	3	Elective	IT Elective	3
Elective	Science Elective	3	Elective	IT Elective	3
			Elective	IT Programming Elective	3
Total Semester Hours		15	Total Semester Hours		15

Programming Elective (Select 1 course - 3 credit hours)		
Dept.	Title	Sem. Hrs.
IT 192	Introduction to Programming in Visual Basic	3
IT 194	Introduction to Programming Java	3
IT 198	Introduction to C# Programming	3
IT 233	Introduction to Web Programming	3
IT Electives (Select 4 courses – 12 credit hours)		
IT 192	Introduction to Programming in Visual Basic	3
IT 194	Introduction to Programming Java	3
IT 198	Introduction to C# Programming	3
IT 220	Windows Server Administration Fundamentals	3
IT 228	Systems Analysis and Design	3
IT 233	Introduction to Web Programming	3
IT 234	Database Administration Fundamentals	3
IT 269	Project Management	3
IT 275	Security Fundamentals	3

Students enrolled in this program may be eligible for related Skill Set Certifications. Students should contact their academic program advisor or refer to the Skill Set section in the Eastern catalog 2015-2016 (p. 85) for additional information.

^Cost to Complete Program:

Tuition: \$6,720*

Room & Board: \$6,000+

Books/Supplies: \$2,400+

Personal: \$3,700+

Transportation: \$5,000+

Total: \$23,820+

+Amounts shown are estimated to show possible, not actual, expenses

Median loan debt upon completion: N/A

Financial Aid is available for those who qualify

See Gainful Education Disclosure (Eastern catalog 2015-2016, p. 26) for more information.