

**Information Technology  
Certificate in Applied Science  
30 Semester Hours<sup>^</sup>**

ONETonline.org SOC Code: 15-1041

Upon successful completion of the Information Technology Certificate in Applied Science, the graduate will be able to:

- Design an interactive website
- Perform routine maintenance and repairs on PC's hardware
- Demonstrate effective communication and computation skills
- Demonstrate a basic knowledge of business organization and procedures
- Demonstrate a basic knowledge regarding information systems
- Design and manage a database

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

**Recommended Course Sequence – Information Technology, Certificate in Applied Science**

First Year—Fall Semester				First Year—Spring Semester			
Dept.		Course Title	Sem. Hrs.	Dept.		Course Title	Sem. Hrs.
BUS	101	<a href="#">Introduction to Business</a>	3	CIS	119	<a href="#">Spreadsheet Software</a> OR	3
CIS	114	<a href="#">Introduction to Computer Applications and Concepts</a>	3	CIS	121	<a href="#">Database Management Software</a>	(3)
CIS	122	<a href="#">Introduction to Information Systems</a>	3	CIS	133	<a href="#">Introduction to Web Design</a>	3
ENL	101	<a href="#">English Composition I</a>	3	IT	180	<a href="#">PC Repair and Troubleshooting</a>	3
Elective		Information Technology Core/Elective	3	Elective		Information Technology Core/Elective	3
				Elective		Mathematics Elective (MTH 121 or higher)	3
<b>Total Semester Hours</b>			<b>15</b>	<b>Total Semester Hours</b>			<b>15</b>

Information Technology Core/Electives (Select 6 Credits)		
Dept.	Title	Sem. Hrs.
CIS 119	<a href="#">Spreadsheet Software</a>	3
CIS 121	<a href="#">Database Management Software</a>	3
IT 134	<a href="#">Networking Fundamentals</a>	3
IT 181	<a href="#">Operating Systems</a>	3
IT 192	<a href="#">Introduction to Programming in Visual Basic</a>	3
IT 194	<a href="#">Introduction to Programming Java</a>	3
IT 198	<a href="#">Introduction to C# Programming</a>	3
IT 220	<a href="#">Windows Server Administration Fundamentals</a>	3
IT 228	<a href="#">Systems Analysis and Design</a>	3
IT 233	<a href="#">Introduction to Web Programming</a>	3
IT 234	<a href="#">Database Administration Fundamentals</a>	3
IT 269	<a href="#">Project Management</a>	3
IT 275	<a href="#">Security Fundamentals</a>	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.

**<sup>^</sup>Cost to Complete Program:**

Tuition: \$3,360  
 Room & Board: \$3,000+  
 Books/Supplies: \$1,200+  
 Personal: \$1,850+  
 Transportation: \$2,500+  
 Total: \$11,910+  
 +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.