

Information Technology

ONETonline.org SOC Code: 11-3021

Certificate in Applied Science

30 Semester Hours^

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 contact an 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	Introduction to Business	3	CIS	119	Spreadsheet Software OR	3
CIS	114	Introduction to Computer Applications and Concepts	3	CIS	121	Database Management Software	(3)
CIS	122	Introduction to Information Systems	3	CIS	133	Introduction to Web Design	3
ENL	101	English Composition I	3	IT	180	PC Repair and Troubleshooting	3
Elective		Information Technology Core/Elective	3	Elective		Information Technology Core/Elective	3
				Elective		Math Elective (MTH 121 or higher)	3
Total Semester Hours			15	Total Semester Hours			15

IT Electives (Select 4 courses – 6 credit hours)

Dept.		Course Title	Sem. Hrs.
CIS	119	Spreadsheet Software	3
CIS	121	Database Management Software	3
IT	134	Networking Fundamentals	3
IT	181	Operating Systems	3
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

^Cost of Attendance is available at:
www.easternwv.edu/documents/financial-aid/cost-attendance

Median loan debt upon completion:
 N/A

Financial Aid is available for those who qualify

See Gainful Employment Disclosure in Eastern's 2019-2020 Catalog (page 26) for more information.

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 Eastern's 2019-2020 Catalog (page 101) for additional information.