

# Associate in Applied Science (A.A.S.)

## INFORMATION TECHNOLOGY



**EASTERN**  
West Virginia Community & Technical College

The **Associate in Applied Science (A.A.S.) Degree in Information Technology** provides students with a basic knowledge of network administration; hardware/software interface and troubleshooting; operating systems; and design skills.

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

FIRST YEAR: FALL SEMESTER			
COMMENTS	COURSE	Credit Hours	Significance
	BUS 101 – Introduction to Business	3	
	ENL 101 – English Composition I	3	
	CIS 114 – Intro to Computer Applications & Concepts	3	
	CIS 122 – Introduction to Information Systems	3	
	SSC 147 – Understanding Human Diversity	3	
	TOTAL	15	
FIRST YEAR: SPRING SEMESTER			
	COURSE	Credit Hours	Significance
	BUS 203 – Communications in Business OR	3	
	ENL 102 – English Composition II	(3)	
	CIS 121 – Database Management Software	3	
	IT 134 – Networking Fundamentals	3	
	IT 180 – PC Repair and Troubleshooting	3	
	MTH 121 – College Math for General Education or higher	3	
	TOTAL	15	
SECOND YEAR: FALL SEMESTER			
	COURSE	Credit Hours	Significance
	CIS 119 – Spreadsheet Software	3	
	IT 181 – Operating Systems	3	
	IT Elective	3	
	IT Elective	3	
	Science Elective	3	
	TOTAL	15	
SECOND YEAR: SPRING SEMESTER			
	COURSE	Credit Hours	Significance
	CIS 133 – Introduction to Web Design	3	
	IT 276 – IT Capstone OR	3	
	IT 278 – IT Internship	(3)	
	IT Elective	3	
	IT Elective	3	
	IT Programming Elective	3	
	TOTAL	15	
TOTAL HOURS FOR DEGREE		<b>60</b>	

Eastern West Virginia Community and Technical College is an EOE, ADA, AA institution.

**15 to FINISH**  
WEST VIRGINIA  
To graduate on time, students need to maintain an average of 15 credit hours per semester.

**+ ENL 101 and MTH 121 may require corequisite coursework.**



### LANDMARK COURSES

are the key to graduation and completing your degree on time. They should be taken in the order suggested in the Academic Map.



### INTERNSHIPS

are a structured work experience related to a student's major and/or career goal that should enhance a student's academic, career, and personal development.



### CAPSTONE COURSES

are offered in the student's final semester. It is a course that ties together the learning objectives that faculty expect the student to have learned during the major.

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Comments	IT Electives	Credit Hours
	IT 192 – Intro to Programming in Visual Basic	3
	IT 194 – Intro to Programming JAVA	3
	IT 198 – Intro to C# Programming	3
	IT 220 – Windows Server Admin. Fundamentals	3
	IT 228 – Systems Analysis and Design	3
	IT 229 – Intro to Digital Forensics	3
	IT 233 – Intro to Web Programming	3
	IT 234 – Database Administration Fundamentals	3
	IT 269 – Project Management	3
	IT 275 – Security Fundamentals	3

Comments	Science Electives	Credit Hours
	BIO 101 & 101L – General Biology I	4
	BIO 102 & 102L – General Biology II	4
	BIO 124 & 124L – Human Anatomy & Physiology I	4
	BIO 125 & 125L – Human Anatomy & Physiology II	4
	GSC 109 & 109L – General Physical Science I	4
	GSC 110 & 110L – General Physical Science II	4
	GSC 120 – Concepts in Environmental Science	3

Comments	Programming Electives	Credit Hours
	IT 192 – Intro to Programming in Visual Basic	3
	IT 194 – Intro to Programming Java	3
	IT 198 – Intro to C# Programming	3
	IT 233 – Intro to Web Programming	3