Associate in Applied Science (A.A.S.)
INFORMATION TECHNOLOGY

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.

11-7-22

EASTERN
West Virginia Community & Technical College

Name: _____   Student ID: _____

COMMENTS	FIRST YEAR: FALL SEMESTER		
	COURSE	Credit Hours	Significance
	BUS 101 – Introduction to Business	3	
	CIS 114 – Intro to Computer Applications & Concepts	3	
	IT 110 – Introduction to Information Technology	3	
	ENL 101 – English Composition I	3	📕
	MTH 121 – College Math for General Education or higher	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	📕
	SSC 147 – Understanding Human Diversity	3	
	TOTAL	15	

	SECOND YEAR: FALL SEMESTER		
	COURSE	Credit Hours	Significance
	CIS 119 – Spreadsheet Software	3	
	IT 181 – Operating Systems	3	📕
	CIS 197 -- Introduction to Cybersecurity	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	**60**	

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

15 to FINISH WEST VIRGINIA

+ 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.

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

INFORMATION TECHNOLOGY

Name: _____   Student ID: _____

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