

# Certificate in Applied Science, (C.A.S.)

## INFORMATION TECHNOLOGY



**EASTERN**  
West Virginia Community & Technical College

The **Certificate in Applied Science (C.A.S.) Degree in Information Technology** provides students with a basic knowledge of routine maintenance and repairs on PC hardware, information systems, and managing a database.

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

FIRST YEAR: FALL SEMESTER			
COMMENTS	COURSE	Credit Hours	Significance
	BOS 101 – Introduction to Business	3	
	CIS 114 – Intro to Computer Applications & Concepts	3	
	CIS 122 – Introduction to Information Systems	3	
	+ENL 101 – English Composition I	3	
	Information Technology Elective	3	
	TOTAL	15	
FIRST YEAR: SPRING SEMESTER			
	COURSE	Credit Hours	Significance
	CIS 119 – Spreadsheet Software OR	3	
	CIS 121 – Database Management Software	(3)	
	CIS 133 – Introduction to Web Design	3	
	T 180 – PC Repair and Troubleshooting	3	
	Information Technology Elective	3	
	+MTH 121 – College Math for General Education or higher	3	
	TOTAL	15	
<b>TOTAL HOURS FOR DEGREE</b>		<b>30</b>	

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



### 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.

Comments	Information Technology General Electives	Credit Hours
	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

**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.**