

Jefferson State Community College
Pioneer Pathways: Business & Computer Information Systems
COMPUTER SCIENCE - Networking

A.A.S. Degree

Catalog Year 2023-2024

<i>Full-Time</i>	<i>Course Number</i>	<i>Title</i>	<i>Credit Hours</i>	<i>Term Offered</i>	<i>Prerequisite</i>
Fall Semester Year 1	CIS 150	Introduction to Computer Logic & Programming (CER, STC)	3	F, Sp, Su	
	CIS 260	Network Security & Risk Management (CER), Security+	3	F	
	CIS 263	Computer Maintenance (CER, STC), ITF+, A+	3	F, Sp, Su	
	CIS 270	Cisco CCNA I: Introduction to Networks (CER, STC), Network+	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	12		
Spring Semester Year 1	CIS 202	Python Programming	3	F, Sp	CIS 150
	CIS 222	Database Management (CER, STC)	3	F, Sp	CIS 150
	CIS 237	Virtual Infrastructure: Installation & Configuration (CER, STC)	4	Sp	
	CIS 271	Cisco CCNA II: Switching, Routing, & Wireless Essentials	3	Sp	CIS 270
	TOTAL	CREDIT HOURS	13		
Summer Semester Year 1	CIS 238	Cloud Computing: Infrastructure & Services (CER), Cloud+	3	Su	CIS 237
	HED/PED	HED/PED	3	F, Sp, Su	
	CIS 272	Cisco CCNA III: Enterprise, Networking, Security and Automation***	3	Su	CIS 271
	CIS 287	SQL Server	3	Su	CIS 222
	TOTAL	CREDIT HOURS	12		
Fall Semester Year 2	CIS 239	Information Storage & Management	3	F	CIS 238
	CIS 282	Computer Forensics	3	Fl	
	ASCI	ASCI Lab Science	4	F, Sp, Su	
	MTH 100	Intermediate College Algebra (CER)	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	13		
Spring Semester Year 2	CIS 244	Introduction to Cybersecurity	3	F, Sp, Su	
	AHUM	AHUM Humanities and Fine Arts	3	F, Sp, Su	
	ASOC	ASOC Social and Behavioral Science	3	F, Sp, Su	
	ENG 101	English Composition (CER)	3	F, Sp, Su	
	SPH 207 or SPH 206	Fundamentals of Public Speaking or Fundamentals of Oral Communication	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	15		
Summer Semester Year 2					
	TOTAL	CREDIT HOURS	0		
	TOTAL	DEGREE HOURS	65		

** General courses can be moved around by student preference.

*** CIS 270, CIS 271, CIS 272 prepares for the CCNA