

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

A.A.S. Degree

Begins Spring 2022

Catalog Year 2022-2023

Networking AAS Degree (C160)

<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 270	Cisco CCNA I: Introduction to Networks (CER, STC)	3	F, Sp, Su	
	CIS 260	Network Security & Risk Management (CER)	3	F	
	ENG 101	English Composition (CER)	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	12		
Spring Semester Year 1	CIS 222	Database Management (CER, STC)	3	F, Sp	CIS 150
	CIS 237	Virtual Infrastructure: Installation & Configuration (CER, STC) <i>Replaced CIS 275, CIS 276</i>	4	Sp	
	CIS 271	Cisco CCNA II: Switching, Routing, & Wireless Essentials	3	Sp	CIS 270
	AHUM	AHUM Humanities and Fine Arts	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	13		
Summer Semester Year 1	CIS 238	Cloud Computing: Infrastructure & Services (CER) <i>Replaced CIS 277</i>	3	Su	CIS 237
	CIS 244	Introduction to Cybersecurity	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 <i>Replaced CIS 278</i>	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 248	Introduction to IoT (Internet of Things) (CER, STC) <i>Replaced CIS 273c</i>	3	F, Sp	
	CIS 263	Computer Maintenance (CER, STC)	3	F, Sp, Su	
	HED/PED	HED/PED	3	F, Sp, Su	
	ASOC	ASOC Social and Behavioral Science	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		

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General Courses		(22 hours)
<i>Course</i>	<i>Title</i>	<i>Sem Hrs</i>
ENG 101	English Composition I	3
SPH 107 SPH 106	Fundamentals of Public Speaking or Fundamentals of Oral Communication	3
MTH 100	Intermediate College Algebra	3
Lab Science Elective: (ASCI)	astronomy, biology, chemistry, physical science, physics	4
Social and Behavioral Science Elective: (ASOC)	anthropology, geography, history, economics, political science, sociology, psychology	3
Humanities and Fine Arts Elective: (AHUM)	art, humanities, religion, theatre, music, philosophy, intermediate foreign language, literature	3
HED or PED Elective		3