

Jefferson State Community College Pioneer Pathways: Business & Computer Information Systems COMPUTER SCIENCE – Computer Programming A.A.S. Degree	Catalog Year 2023-2024
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<i>Full-Time</i>	<i>Course No.</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 and Programming (CER, STC)	3	F, Sp, Su	
	CIS 244	Introduction to Cybersecurity (CER)	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	12		
Spring Semester Year 1	CIS 222	Database Management Systems (CER, STC)	3	F, Sp	CIS 150
	CIS 251	C++ Programming (CER, STC)	3	F, Sp, Su	CIS 150
	CIS 246	Ethical Hacking	3	Sp	CIS 244
	MTH 100	Intermediate College Algebra (CER)	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	12		
Summer Semester Year 1	CIS 255	Java Programming (CER, STC)	3	F, Sp, Su	CIS 150
	CIS 287	SQL Server	3	Su	CIS 222
	PHL 106	AHUM Introduction to Philosophy	3	F, Sp, Su	
	HED 221	Personal Health	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	12		
Fall Semester Year 2	CIS 202	Python Programming (CER, STC)	3	F, Sp	CIS 150
	CIS 215	C# Programming (CER, STC)	3	F, Sp	CIS 150
	CIS 258	PHP Programming (CER)	3	F	CIS 150
	PSY 200	ASOC General Psychology	3	F, Sp, Su	
	TOTAL	CREDIT HOURS	12		
Spring Semester Year 2	CIS 207	Web Development	3	F, Sp, Su	
	CIS 285	Object-Oriented Programming (CER, STC)	3	F, Sp	All Prog. Courses
	BUS 275	AAS one elective from: Principles of Business Management	3	F, Sp	
	PHS 111	ASCI Physical Science	4	F, Sp, Su	
	TOTAL	CREDIT HOURS	13		
Summer Semester Year 2					
	TOTAL	CREDIT HOURS	0		
	TOTAL	DEGREE HOURS	61		