

<p style="text-align: center;"><b>Jefferson State Community College</b>  <b>Pioneer Pathways: Business &amp; Computer Information Systems</b>  <b>COMPUTER SCIENCE – Web and Mobile Applications (C260)</b>  <b>A.A.S. Degree</b> <span style="margin-left: 100px;"><b>Begins Fall 2022</b></span> <span style="float: right;"><b>Catalog Year 2022-2023</b></span></p>		
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### Web and Mobile Applications (C260)

<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 207	Web Development (CER, STC)	3	F, Sp	
	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	
	<b>TOTAL</b>	<b>CREDIT HOURS</b>	<b>12</b>		
Spring Semester Year 1	CIS 157	Introduction to App Development with Swift (CER, STC)	3	Sp	
	CIS 222	Database Management Systems	3	F, Sp	CIS 150
	MTH 100	Intermediate College Algebra (CER)	3	F, Sp, Su	
	AHUM	<b>AHUM Humanities and Fine Arts Elective (CER)</b>	3	F, Sp, Su	
	<b>TOTAL</b>	<b>CREDIT HOURS</b>	<b>12</b>		
Summer Semester Year 1	CIS 209	Advanced Web Development (CER, STC)	3	Su	
	CIS 250	E-Commerce (CER)	3	Su	
	CIS 263	Computer Maintenance	3	F, Sp, Su	
	HED/PED	<b>HED or PED Elective</b>	3	F, Sp, Su	
	<b>TOTAL</b>	<b>CREDIT HOURS</b>	<b>12</b>		
Fall Semester Year 2	CIS 255	Java Programming	3	F, Sp, Su	CIS 150
	CIS 270	CCNA I Introduction to Networks	3	F, Sp, Su	
	ART 221	One Elective from: Computer Graphics I	3	F, Sp	
	BUS 241	Accounting I	3	F, Sp, Su	
	BUS 275	Principles of Management	3	F, Sp, Su	
	ASOC	<b>ASOC Social and Behavior Science Elective</b>	3	F, Sp, Su	
	<b>TOTAL</b>	<b>CREDIT HOURS</b>	<b>12</b>		
Spring Semester Year 2	CIS 146	Microcomputer Applications	3	F, Sp, Su	
	CIS 237	Virtual Infrastructure: Installation & Configuration	4	Sp	
	ART 220	Introduction to Computer Graphics (CER)	3	F, Sp, Su	
	ASCI	<b>ASCI Lab Science Elective</b>	4	F, Sp, Su	
	<b>TOTAL</b>	<b>CREDIT HOURS</b>	<b>13</b>		
	<b>TOTAL</b>	<b>DEGREE HOURS</b>	<b>62</b>		

<b>General Courses</b>		<b>(25 hours)</b>
<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

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**COMPUTER SCIENCE – Web and Mobile Applications (C260)**

**A.A.S. Degree**

**Begins Fall 2022**

**Catalog Year 2022-2023**

Humanities and Fine Arts Elective: (AHUM)	art, humanities, religion, theatre, music, philosophy, intermediate foreign language, literature	3
HED or PED Elective		3