

**PVCC CURRICULUM SHEET 2019-2020**  
**Computer Science – Associate of Science (246)**



**Pathway to JMU: Computer Science – Bachelor of Science**

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

<i>JMU EQUIVALENT</i>	REQUIRED COURSES	COURSE DESCRIPTION	CR.	PLAN TO TAKE	GRADE
<i>(no credit)</i>	SDV 100	College Success Skills	1		
<i>WRTC 100</i>	ENG 111	College Composition I	3		
<i>WRTC 103</i>	ENG 112	College Composition II	3		
<i>MATH 135, 000</i>	MTH 167	Precalculus with Trigonometry	5		
<i>MATH 235</i>	MTH 263	Calculus I	4		
<i>MATH 236</i>	MTH 264	Calculus II	4		
<i>CS 227</i>	MTH 288	Discrete Mathematics	3		
<i>MATH 220</i>	MTH 245	Statistics	3		
<i>(no credit)</i>	CSC 110	Introduction to Computing	3	Fall	
<i>CS 139</i>	CSC 201	Computer Science I	4	Spring	
<i>CS 240</i>	CSC 202	Computer Science II	4	Fall	
<i>CS 000</i>	CSC 205	Computer Organization	4	Spring	
<i>(varies)</i>	___ ___	Science with Laboratory Elective <sup>1</sup>	4		
<i>(varies)</i>	___ ___	Science with Laboratory Elective <sup>1</sup>	4		
<i>(varies)</i>	___ ___	Social Science Elective <sup>1,2</sup>	3		
<i>(varies)</i>	___ ___	Social Science Elective <sup>1,2</sup>	3		
<i>(varies)</i>	___ ___	Social Science Elective <sup>1,2</sup>	3		
<i>(varies)</i>	___ ___	Humanities Elective <sup>1,2</sup>	3		
<i>(varies)</i>	___ ___	Humanities Elective <sup>1,2</sup>	3		

**Total Minimum Credits to Complete the A.S. Degree in General Studies = 64**

**Graduation Requirements:** 1. To graduate, all students in associate degree programs are required to take one Writing Intensive Course (prerequisite: ENG 111 and ENG 112). Approved Writing Intensive Courses are specified with a “**WI**” section designation. (ex: ENG 241-01WI). 2. Earned a cumulative grade point average of at least 2.0 and in good standing.

<sup>1</sup>One of these courses must be a Writing Intensive Class; example – HIS 101-02WI, SOC 200-07WI, ENG 241-01WI, etc.

<sup>2</sup>List of courses that fulfill the requirement for Science w/ Lab, Social Science, and Humanities Electives can be found on the back of this sheet.

**Advising Notes:**

- For information about the guaranteed admission agreement, visit [www.pvcc.edu/transfer/gaa/jmu](http://www.pvcc.edu/transfer/gaa/jmu).
- If a student completes their A.S. Computer Science degree and satisfies all the requirements for the Guaranteed Admission Agreement to JMU, they will be granted full admission to the Computer Science major at JMU.

**Recommended Course Sequence:**

Fall 1 – 16 credits	Spring 1 – 15 credits	Fall 2 – 17 credits	Spring 2 – 16 credits
(3 cr.) CSC 110	(4 cr.) CSC 201	(4 cr.) CSC 202	(4 cr.) CSC 205
(5 cr.) MTH 167	(4 cr.) MTH 263	(4 cr.) MTH 264	(3 cr.) MTH 288
(3 cr.) ENG 111	(3 cr.) ENG 112	(3 cr.) Social Science Elective	(3 cr.) MTH 245
(4 cr.) Science w/ Lab Elective	(4 cr.) Science w/ Lab Elective	(3 cr.) Social Science Elective	(3 cr.) Social Science Elective
(1 cr.) SDV 100		(3 cr.) Humanities Elective	(3 cr.) Humanities Elective

### Humanities Electives

<b>Art History</b>	ART 100, ART 101, ART 102, ART 109
<b>Visual Arts</b>	ART 121, ART 122, ART 125, ART 131, ART 132, ART 138, ART 153, ART 154, ART 231, ART 232, ART 235, ART 236, ART 241, ART 242, ART 271, ART 272
<b>Comm. &amp; Theatre</b>	CST 131, CST 132, CST 141, CST 229, CST 250
<b>Creative Writing</b>	ENG 211
<b>Literature</b>	ENG 241, ENG 242, ENG 243, ENG 244, ENG 246, ENG 250, ENG 251, ENG 252, ENG 253, ENG 254, ENG 255
<b>Humanities</b>	HUM 201, HUM 202, HUM 259
<b>Music Appreciation</b>	MUS 121, MUS 122, MUS 225
<b>Philosophy</b>	PHI 100, PHI 220, PHI 227
<b>Religion</b>	REL 200, REL 210, REL 215, REL 216, REL 230, REL 233, REL 237
<b>Foreign Languages</b>	FRE, GER, JPN, LAT, SPA 101, 102, 201, 202

*Note: Only \*one\* -100 level foreign language may count toward the Humanities Electives.*

### Social Science Electives

<b>Geography</b>	GEO 210
<b>History</b>	HIS 101, HIS 102, HIS 111, HIS 112, HIS 121, HIS 122, HIS 127, HIS 141, HIS 142
<b>Political Science</b>	PLS 135, PLS 211, PLS 212, PLS 215, PLS 216, PLS 225, PLS 241, PLS 242
<b>Psychology</b>	PSY 200, PSY 215, PSY 230, PSY 235, PSY 270
<b>Sociology</b>	SOC 200, SOC 210, SOC 215, SOC 252, SOC 266, SOC 268

### Science with Laboratory Electives

<b>Recommended</b>	BIO 106, BIO 107; CHM 101; GOL 105, GOL 106, GOL 111; NAS 131, NAS 132
<b>STEM Options</b>	BIO 101, BIO 102, BIO 141, BIO 142, BIO 150, BIO 206, BIO 256; CHM 111, CHM 112, CHM 241/243, CHM 242/244, CHM 260/261; PHY 100, PHY 201, PHY 202 -or- PHY 241, PHY 242

### **NOTES:**

- **Students transferring credits TO PVCC:** Transferred courses may fulfill a requirement under PVCC's approved electives (above). Students may check their transfer credit report in SIS.
  - Transfer credits for \*\*\*EEE may fulfill the corresponding Social Science, Humanities Electives, or Science with Laboratory Electives only.
- Students may petition the appropriate dean to substitute a course not listed above.
- **Note to students transferring credits FROM PVCC TO FOUR-YEAR INSTITUTIONS:** Although a course fulfills a requirement for a PVCC program, it is possible the same course will not fulfill a requirement at a four-year institution. Students who plan to transfer need to be aware of the four-year institution's requirements.