

LFCC ADVISING WORKSHEET

Program: AS Science: Computer Science Specialization

Catalog Year: 2016-2017

Advisor:

Program purpose: The associate of science degree program with a specialization in computer science is designed for students who plan to transfer to a four-year college or university to complete a baccalaureate or higher degree program in computer science, and pursue careers in fields such as computer software, applications and systems development, and engineering.

Check	Course	Title	Credits	Grade	Notes
First Semester					
	ENG 111	College Composition I	3		
	MTH 173	Mathematics Elective ¹	3		
	SDV 100	College Success Skills	1		
	CSC 200	Introduction to Computer Science	3		
	HIS	History Elective ²	3		
		Social Science Elective ²	3		
Second Semester					
	ENG 112	College Composition II	3		
	MTH 174	Mathematics Elective ¹	3		
	CSC 201	Computer Science I ³	4		
		Humanities/Fine Arts Elective ²	3		
Third Semester					
	ENG	Literature Elective ²	3		
	CSC 202	Computer Science II	4		
	PED/HLT	Physical Education or Health ²	1		
		Science with Laboratory ⁴	4		
	CST	Communication Elective ²	3		
Fourth Semester					
	CSC 205	Computer Organization	3		
		Social Science Elective ²	3		
		Approved STEM elective ⁵	3		
		Science with Laboratory ⁴	4		
		Approved STEM elective ⁵	3		
		Total	60		

¹ Students will be required to take MTH 173 and MTH 174- Calculus with Analytical Geometry I and II.

² See the list of electives.

³ May substitute with SDV 101-Orientation to the IT Professions.

⁴ A full-year sequence of science with lab is required, which must be chemistry or physics. Students are strongly encouraged to review transfer institution's requirements to make selection.

⁵ Depending on the transfer institution, student may take CHM 111, ITN 100, ITN 260, ITP 100, MTH 240, MTH 277, MTH 285, EGR 265, or ECO 202. Other STEM electives may be approved by CS faculty.