Transfer Model Curriculum (TMC) Template for Computer Science

CCC Major or Area of Emphasis: Computer Science

TOP Code: 070600

CSU Major(s): Computer Science

Total Units: 28 (all units are minimum semester units)

In the four columns to the right under the **College Program Requirements**, enter the college's course identifier, title and the number of units comparable to the course indicated for the TMC. If the course may be double-counted with either CSU-GE or IGETC, enter the GE Area to which the course is articulated. To review the GE Areas and associated unit requirements, please go to Chancellor's Office Academic Affairs page, RESOURCE section located at:

http://extranet.cccco.edu/Divisions/AcademicAffairs/CurriculumandInstructionUnit/TransferModelCurriculum.aspx or the ASSIST website: http://web1.assist.org/web-assist/help/help-csu_ge.html.

The units indicated in the template are the <u>minimum</u> semester units required for the prescribed course or list. All courses must be CSU transferable. *All courses with an identified C-ID Descriptor must be submitted to C-ID prior to submission of the Associate Degree for Transfer (ADT) proposal to the Chancellor's Office.*

Associate in Science in Computer Science for Transfer Degree College Name:										
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS								
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area CSU IGETC					
REQUIRED CORE: (28 units)						_				
Programming Concepts and Methodology I (CS1) (3)	COMP 122									
Programming Concepts and Methodology II (CS2) (3)	COMP 132									
Computer Architecture and Organization (3)	COMP 142									
Discrete Structures (3)	COMP 152									

Template # 2007 Computer Science Template Date: 10/11/12 Rev. 1: 03/01/13 Rev. 2: 09/01/14

Template # 2007

Rev. 3: 10/14/16

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS					
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE /	Area IGETC	
Single Variable Calculus I – Early Transcendentals (4) AND Single Variable Calculus II – Early Transcendentals (4)	MATH 210 AND MATH 220				333	10210	
OR Single Variable Calculus I – Late Transcendentals (4) AND Single Variable Calculus II – Late Transcendentals (4)	OR MATH 211 AND MATH 221						
OR Single Variable Calculus Sequence (8)	OR MATH 900S						
Calculus-Based Physics for Scientists and Engineers: A (4)	PHYS 205						
Calculus-Based Physics for Scientists and Engineers: B (4) OR Cell and Molecular Biology (4) OR Organismal Biology (4) OR General Chemistry for Science Majors I, with Lab (5)	PHYS 210 OR BIOL 190 OR BIOL 140 OR CHEM 110						
Total Units for the Major:	28	Tota	I Units for the Major:				
		Total Units that may be double-counted (The transfer GE Area limits must not be exceeded)					
		General Education (CSU-GE or IGETC) Units		39	37		
		Elective (CSU Transferable) Units					
		Total Degree Units (maximum)		60			