

Transfer Model Curriculum (TMC) Template for Physics

Template # 2005

CCC Major or Area of Emphasis: Physics

Rev. 2: 03/01/13

TOP Code: 190200

CSU Major(s): Physics; Physics Education

Total Units: 24 (all units are 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 **minimum** semester units required for the prescribed course or list. All courses must be CSU transferable. **All courses must be submitted to C-ID prior to completing the Associate Degree for Transfer (ADT) proposal for Chancellor's Office approval.**

Associate in Science in Physics for Transfer Degree					
College Name: Glendale Community College					
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	CSU GE/IGETC Area
REQUIRED CORE: (24 units)					
Calculus-based Physics for Scientists and Engineers: ABC (12)	PHYS 200S				
OR					
Calculus-based Physics for Scientists and Engineers: A (4)	PHYS 205	Phy 101	Engineering Physics I	5	5A
AND					
Calculus-based Physics for Scientists and Engineers: B (4)	PHYS 210	Phy 102	Engineering Physics II	4	
AND					
Calculus-based Physics for Scientists and Engineers: C (4)	PHYS 215	Phy 103	Engineering Physics III	5	
AND					
Single Variable Calculus I – Early Transcendentals (4)	MATH 210	Math 103	Calculus and Analytic Geometry	5	2
OR					
Single Variable Calculus I – Late Transcendentals (4)	MATH 211				
Single Variable Calculus II – Early Transcendentals (4)	MATH 220	Math 104	Calculus and Analytic Geometry	5	2
OR					
Single Variable Calculus II – Late Transcendentals (4)	MATH 221				
Multivariable Calculus (4)	MATH 230	Math 105	Calculus and Analytic Geometry	4	2
OR					
Single Variable Calculus Sequence (8)	MATH 900S				
AND					
Multivariable Calculus (4)	MATH 230				
Total Units for the Major:	24	Total Units for the Major:		28	
		Total Units that may be double-counted (Ensure that the total for each Area does not exceed the limit for the specific Area)			8
		General Education (CSU GE or IGETC) Units			39

Elective (CSU Transferable) Units	1
Total Degree Units (maximum)	60