

**ADT Submission Form for Physics CCC Major or Area**

Form # 2005 Rev. 3:  
09/01/14

**of Emphasis:** Physics

**TOP Code:** 190200

**CSU Major(s):** Physics; Physics Education

**Total Units:** 24 (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 form. 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:

<https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-Instruction-Unit/Templates-For-Approved-Transfer-Model-Curriculum> or the ASSIST website: <https://www.assist.org/>.

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 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.**

<b>Associate in Science in Physics for Transfer Degree</b>					
<b>College Name:</b>					
<b>TRANSFER MODEL CURRICULUM (TMC)</b>		<b>COLLEGE PROGRAM REQUIREMENTS</b>			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area
					CSU   IGETC
<b>REQUIRED CORE: (24 units)</b>					
Calculus-Based Physics for Scientists and Engineers: ABC (12)	PHYS 200S				
<b>OR</b>					
Calculus-Based Physics for Scientists and Engineers: A (4)	PHYS 205				
Calculus-Based Physics for Scientists and Engineers: B (4)	PHYS 210				
Calculus-Based Physics for Scientists and Engineers: C (4)	PHYS 215				
<b>Select 1 of 2 options</b>					
<b>Option 1: (12 units)</b>					

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area
Single Variable Calculus I – Early Transcendentals (4) <b>OR</b> Single Variable Calculus I – Late Transcendentals (4)	MATH 210  <b>OR</b> MATH 211				
Single Variable Calculus II – Early Transcendentals (4) <b>OR</b> Single Variable Calculus II – Late Transcendentals (4)	MATH 220  <b>OR</b> MATH 221				
Multivariable Calculus (4)	MATH 230				
<b>OR</b>					
<b>Option 2: (12 units)</b>					
Single Variable Calculus Sequence (8) Multivariable Calculus (4)	MATH 900S MATH 230				
<b>Total Units for the Major:</b>	<b>24</b>	<b>Total Units for the Major:</b>			

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS				
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area	
		<b>Total Units that may be double-counted</b> <i>(The transfer GE Area limits must <u>not</u> be exceeded)</i>				
		<b>General Education (CSU-GE or IGETC) Units</b>			<b>39</b>	<b>37</b>
		<b>Elective (CSU Transferable) Units</b>				
		<b>Total Degree Units (maximum)</b>			<b>60</b>	