

ADT Submission Form for Physics CCC Major or Area**of Emphasis:** Physics**TOP Code:** 190200**CSU Major(s):** Physics; Physics Education**Total Units:** 24 (*all units are minimum semester units*)

Form # 2005 Rev. 3:

09/01/14

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 Cal-GETC, 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.**

Associate in Science in Physics for Transfer Degree					
College Name: Santa Rosa Junior College					
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
REQUIRED CORE: (24 units)					
Calculus-Based Physics for Scientists and Engineers: ABC (12)	PHYS 200S	PHYS 40	Classical Mechanics for Scientists and Engineers	5.00	5A
		PHYS 41	Waves, Optics, and Thermodynamics for Scientists and Engineers	4.00	5A
		PHYS 42	Electricity and Magnetism for Scientists and Engineers	4.00	5A
		PHYS 43	Modern Physics for Scientists and Engineers	3.00	
OR					
Calculus-Based Physics for Scientists and Engineers: A (4) Calculus-Based Physics for Scientists and Engineers: B (4) Calculus-Based Physics for Scientists and Engineers: C (4)	PHYS 205				
	PHYS 210				
	PHYS 215				
Select 1 of 2 options Option 1: (12 units)					

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Single Variable Calculus Sequence (8) and Multivariable Calculus (4)	MATH 900S MATH 230	MATH 1A	Calculus, First Course	5.00	2
OR		MATH 1B	Calculus, Second Course	5.00	2
Single Variable Calculus I – Early Transcendentals (4) and	MATH 210	MATH 1B	Calculus, Second Course		
Single Variable Calculus II – Early Transcendentals (4) and	MATH 220	MATH 1C	Calculus, Third Course	4.00	
Multivariable Calculus (4)	MATH 230				
OR					
Single Variable Calculus I – Late Transcendentals (4) and	MATH 211				
Single Variable Calculus II – Late Transcendentals (4) and	MATH 221				
Multivariable Calculus (4)	MATH 230				
Option 2: (12 units) Single Variable Calculus Sequence (8) Multivariable Calculus (4) MATH 900S MATH 230					
Total Units for the Major:	24	Total Units for the Major:		30	

Total Units that may be double-counted (The transfer GE Area limits must <u>not</u> be exceeded)	7
General Education (Cal-GETC) Units	34
Elective Units	3
Total Degree Units (maximum)	60