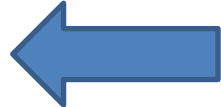


Current Template Sent Back by The CCCCO due to PHYS 102 C-ID: PHYS 215 Expiration:

Associate in Science in Physics for Transfer Degree						
College Name: Modesto Junior College						
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS				
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	PHYS 101	General Physics: Mechanics and	4	B1, B3	5A, 5C
		PHYS 102	General Physics: Waves, Thermodynamics, & Optics and	4	B1, B3	5A, 5C
		PHYS 103	General Physics: Electricity, Magnetism, & Modern Physics	4	B1, B3	5A, 5C
<b>OR</b>						
Calculus-Based Physics for Scientists and Engineers: A (4)	PHYS 205	PHYS 101	General Physics: Mechanics	4	B1, B3	5A, 5C
Calculus-Based Physics for Scientists and Engineers: B (4)	PHYS 210	PHYS 103	General Physics: Electricity, Magnetism, & Modern Physics	4	B1, B3	5A, 5C
Calculus-Based Physics for Scientists and Engineers: C (4)	PHYS 215	PHYS 102	General Physics: Electricity, Magnetism, & Modern Physics	4	B1, B3	5A, 5C
<b>Select 1 of 2 options</b>						
<b>Option 1: (12 units)</b>						
Single Variable Calculus I – Early Transcendentals (4)	MATH 210	MATH 171	Calculus: First Course	4	B4	2A
<b>OR</b>						
Single Variable Calculus I – Late Transcendentals (4)	MATH 211					
Single Variable Calculus II – Early Transcendentals (4)	MATH 220	MATH 172	Calculus: Second Course	4	B4	2A
<b>OR</b>						
Single Variable Calculus II – Late Transcendentals (4)	MATH 221					
Multivariable Calculus (4)	MATH 230	MATH 173	Calculus: Third Course	4	B4	2A
<b>OR</b>						
<b>Option 2: (12 units)</b>						
Single Variable Calculus Sequence (8)	MATH 900S	MATH 171	Calculus: First Course	4	B4	2A
Multivariable Calculus (4)	MATH 230		and			



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		MATH 172	Calculus: Second Course	4	B4	2A
		MATH 173	Calculus: Third Course	4	B4	2A
<b>Total Units for the Major:</b>	<b>24</b>	<b>Total Units for the Major:</b>		<b>24</b>		
		<b>Total Units that may be double-counted</b> <i>(The transfer GE Area limits must not be exceeded)</i>		<b>7</b>	<b>7</b>	
		<b>General Education (C SU-GE or IGETC) Units</b>		<b>39</b>	<b>37</b>	
		<b>Elective (C SU Transferable) Units</b>		<b>4</b>	<b>6</b>	

Revised Template Showing Removal of "Or" option: PHYS 101, PHYS 102, PHYS 102:

Associate in Science in Physics for Transfer Degree College Name: Modesto Junior College						
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS				
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	PHYS 101	General Physics: Mechanics and	4	B1, B3	5A, 5C
		PHYS 102	General Physics: Waves, Thermodynamics, & Optics and	4	B1, B3	5A, 5C
		PHYS 103	General Physics: Electricity, Magnetism, & Modern Physics	4	B1, B3	5A, 5C
<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>						
Single Variable Calculus I – Early Transcendentals (4)	MATH 210	MATH 171	Calculus: First Course	4	B4	2A
<b>OR</b>	<b>OR</b>					
Single Variable Calculus I – Late Transcendentals (4)	MATH 211					
Single Variable Calculus II – Early Transcendentals (4)	MATH 220	MATH 172	Calculus: Second Course	4	B4	2A
<b>OR</b>	<b>OR</b>					
Single Variable Calculus II – Late Transcendentals (4)	MATH 221					
Multivariable Calculus (4)	MATH 230	MATH 173	Calculus: Third Course	4	B4	2A
<b>OR</b>						
<b>Option 2: (12 units)</b>						
Single Variable Calculus Sequence (8)	MATH 900S	MATH 171	Calculus: First Course	4	B4	2A
Multivariable Calculus (4)	MATH 230	MATH 172	Calculus: Second Course	4	B4	2A
		MATH 173	Calculus: Third Course	4	B4	2A



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Rev. 1: 04/25/12; Rev. 2: 03/01/13

<b>Total Units for the Major:</b>	<b>24</b>	<b>Total Units for the Major:</b>	<b>24</b>		
		<b>Total Units that may be double-counted</b> <i>(The transfer GE Area limits must not be exceeded)</i>	<b>7</b>	<b>7</b>	
		<b>General Education (CSU-GE or IGETC) Units</b>	<b>39</b>	<b>37</b>	
		<b>Elective (CSU Transferable) Units</b>	<b>4</b>	<b>6</b>	
		<b>Total Degree Units (maximum)</b>	<b>60</b>		