                   Articulation Agreement by Major
                  Effective during the 10-11 Academic Year
    To: **Cal Poly Pomona** |From: **Chaffey College**
    10-11 General Catalog   Quarter|10-11 General Catalog   Semester
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                     ====Math Applied Mathematics====

GENERAL EDUCATION COURSES:

Students may fulfill General Education requirements by completing the CSU
Breadth General Education Certification pattern or the Intersegmental General
Education Transfer Curriculum (IGETC). See your community college counselor for
more details.

REQUIRED SUPPORT COURSES:
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* ENG 104	FRESHMAN ENGLISH I	(4)	ENGL 1A	Composition	(3)

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* MAT 114 &	ANALYTIC GEOMETRY AND CALCULUS I	(4)	MATH 65A &	Calculus I	(4)
			MATH 65B	Calculus II	(4)
MAT 115 &	ANALYTIC GEOMETRY AND CALCULUS II	(4)			
MAT 116	ANALYTIC GEOMETRY AND CALCULUS III	(4)			

PHY 131 &	GENERAL PHYSICS	(3)	PHYS 45 &	Physics for Scientists and Engineers I	(5)
PHY 131L &	GENERAL PHYSICS LABORATORY	(1)			
			PHYS 46 &	Physics for Scientists and Engineers II	(5)
PHY 132 &	GENERAL PHYSICS	(3)			
PHY 132L &	GENERAL PHYSICS LABORATORY	(1)	PHYS 47	Physics for Scientists and Engineers III	(5)
PHY 133 &	GENERAL PHYSICS	(3)			
PHY 133L &	GENERAL PHYSICS LABORATORY	(1)			
PHY 234 &	GENERAL PHYSICS	(3)			
PHY 234L &	GENERAL PHYSICS LABORATORY	(1)			
PHY 235 &	ELEMENTARY MODERN PHYSICS	(3)			
PHY 235L	ELEMENTARY MODERN PHYSICS LABORATORY	(1)			

REQUIRED CORE COURSES:

CS 125	FORTRAN	(4)	No Comparable Course	
	OR			OR

* Transfer students should take this course as part of CSU General Education
   Breadth certification requirements, as specified by each major, to achieve
   the minimum units to degree.

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Math Applied Mathematics (continued)

CS 128	INTRODUCTION TO C++	(4)	CS 21	Fundamentals of "C++" Programming	(3)
			OR		
			ENGIN 30	Engineering Application of Digital Computation	(3)

MAT 201	INTRODUCTION TO NUMERICAL METHODS	(4)	No Comparable Course

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MAT 208	INTRODUCTION TO LINEAR ALGEBRA	(4)	MATH 81	Linear Algebra	(4)

MAT 214 &	CALCULUS OF SEVERAL VARIABLES I	(3)	MATH 75	Calculus III	(5)
MAT 215	CALCULUS OF SEVERAL VARIABLES II	(3)			

MAT 216	DIFFERENTIAL EQUATIONS	(4)	MATH 85	Differential Equations	(4)

STA 241	APPLIED PROBABILITY THEORY	(4)	No Comparable Course

END OF MAJOR