2 + 2 Joint Articulation Transfer Agreement

Bachelor of Science in Mathematics (General Math Emphasis)

Colorado State University – Pueblo
And
Otero Junior College

B.S. Requirements at CSU-Pueblo			**A.S. Requirements at OJC**		
Lower Division General Education Requirements			**Equivalent Courses at OJC**		
Course #	Course Title	Credits	Course #	Course Title	Credits
ENG 101	Composition I	3	ENG 121	English Composition I	3
ENG 102	Composition II	3	ENG 122	English Composition II	3
			*COM 115	*Public Speaking *Open Electives Section	(3)
Humanities	Select from statewide Gen Ed Core	9	Humanities	Select from statewide Gen Ed Core	9
Social Science	Select from statewide Gen Ed Core	6	Social Science	Select from statewide Gen Ed Core	6
History	Select from Statewide Gen Ed Core	3	History	Select from Statewide Gen Ed Core	3
MATH 126	Calculus and Analytic Geometry I	5	MAT 201	Calculus I	5
Physical and Life Sciences CHE 121/L and CHE 122/L or PHYS 221/L and PHYS 222/L	 General Chemistry I/Lab and General Chemistry II/Lab or General Physics I/Lab and General Physics II/Lab	 5 5 5 5	Physical and Life Sciences CHE 111 and CHE 112 or PHYS 211 and PHYS 212	 General College Chemistry I and General College Chemistry II or Physics: Calculus-Based I with Lab and Physics: Calculus-Based II with Lab	 5 5 5 5
Subtotal		**39**	**Subtotal**		**39**
Required Mathematics Core Courses			**Equivalent Courses at OJC**		
MATH 126	Calculus & Analytic Geometry I	(5)	MAT 201	Calculus I	(5)
MATH 207	Matrix & Vector Algebra w/App	2	MAT 255	Linear Algebra	4
MATH 224	Calculus & Analytic Geometry II	5	MAT 202	Calculus II	5
MATH 307	Intro to Linear Algebra	4			
MATH 325	Intermediate Calculus	3	*MAT 203	*Calculus III ***Course is academically equivalent but may not be counted for Upper Division credit.**	3
MATH 327	Abstract Algebra	4			
MATH 337	Differential Equations I	3	*MAT 265	*Differential Equations ***Course is academically equivalent but may not be counted for Upper Division credit.**	
MATH 350	Probability	3			
MATH 421	Advanced Calculus I	4			
MATH Elec	Upper-division MATH Electives	6			
Subtotal		**34**	**Subtotal**		**12**
Related Skills & Course Requirements			**Equivalent Courses at PPCC**		
Lab science	Lab Science Sequence (see Gen Ed Core)	(10)		Lab Science Sequence (see Gen Ed Core	(10)

Computer Prog	Computer Programming	4			
Subtotal		**4**	**Subtotal**		
Additional Degree Requirements			**Equivalent Courses at PPCC**		
Open Electives	May be any Academic Discipline. **Student must be sure to select enough Upper Division credit to meet the 40 hour Upper Division requirement**	43	*COM 115	*Public Speaking Choose additional credits approved for the A.S. degree	3 6
Subtotal		**43**	**Subtotal**		**9**
Total Credits for A.S.					**60**
Total Transfer Credit Accepted for A.S.					**60**
Total Additional Credit Required for B.S.					**60**
Total B.S. Degree Requirements					**120**

Students who successfully complete this program as specified are eligible to apply for a ***Destination CSU-Pueblo*** scholarship.

This articulation transfer agreement replaces all previous agreements between OJC and CSU-Pueblo in Bachelor of Science in Math (General Math Emphasis). This agreement will be reviewed annually and revised (if necessary) as mutually agreed.

cam: 10/13/09