

2 + 2 Joint Articulation Transfer Agreement

Bachelor of Science in Mathematics (General Math Emphasis)

Colorado State University – Pueblo And Arapahoe Community College

B.S. Requirements at CSU-Pueblo			A.S. Requirements at ACC		
Lower Division General Education Requirements			Equivalent Courses at ACC		
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 *See Open Elective 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			Physical and Life Sciences		
CHE 121/L and CHE 122/L	General Chemistry I/Lab and General Chemistry II/Lab	5	CHE 111 and CHE 112	General College Chemistry I and General College Chemistry II	5
or PHYS 221/L and PHYS 222/L	General Physics I/Lab and General Physics II/Lab	5	or PHYS 211 and PHYS 212	Physics: Calculus-Based I with Lab and Physics: Calculus-Based II with Lab	5
Subtotal		39	Subtotal		39
Required Mathematics Core Courses			Equivalent Courses at ACC		
MATH 126	Calculus & Analytic Geometry I	(5)	MAT 201	Calculus I	(5)
MATH 207	Matrix & Vector Algebra w/App	2			
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 cannot be counted for Upper Division credit	4
MATH 327	Abstract Algebra	4			
MATH 337	Differential Equations I	3	*MAT 265	*Differential Equations *Course is academically equivalent, but cannot be counted for Upper Division credit	3
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 ACC		
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 ACC		
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	3
				Choose additional credits approved for the A.S. degree.	6
Subtotal		43	Subtotal		8
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 ACC 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: 11/12/09
revised: 06/16/10