

2 + 2 Joint Articulation Transfer Agreement

Bachelor of Science in Civil Engineering Technology

Colorado State University – Pueblo And Colorado Northwestern Community College

B.S. Requirements at CSU-Pueblo			A.A.S. Requirements at CNCC		
Lower Division Requirements			Equivalent Courses at CNCC		
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
MATH 121	College Algebra	4	MAT 121	College Algebra	4
PHYS 201/L	Principles of Physics I and Lab	4	PHY 111/L	Physics: Algebra-Based I with Lab	5
CHEM 111/L	Principles of Chemistry I and Lab	4	CHE 101	Introduction to Chemistry I	5
SPCOM 103	Speaking and Listening	3			
Humanities		6	Humanities	Select from statewide Gen Ed Core	3
Social Science		6	Social Science	Select from statewide Gen Ed Core	3
History		3	History		
Subtotal		36	Subtotal		26
Technical Science Requirements			Equivalent Courses at CNCC		
CET 202	Statics	3			
CET 206	Strength of Materials	4	ENT 247	Strength of Materials	3
CET 222	Dynamics	3			
CET 226	Engineering Problem Solving	2			
Subtotal		12	Subtotal		3
Computer Science, Math, Science Requirements			Equivalent Courses at CNCC		
CIS 100	Intro to Windows and Word	1	CIS 118	Introduction to PC Applications	3
CIS 103	PowerPoint & Web Publish	1			
CIS 104	Excel Spreadsheets	1			
CHEM 111/L	Principles of Chemistry I and Lab	(4)	CHE 101	Introduction to Chemistry I	(5)
MATH 121	College Algebra	(4)	MAT 121	College Algebra	(4)
MATH 124	Pre-Calculus Math	5	MAT 166	Pre-Calculus	5
MATH 126	Calculus & Analytic Geometry I	5	MAT 201	Calculus I	5
PHYS 201/L	Principles of Physics I and Lab	(4)	PHY 111	Physics: Algebra-Based I with Lab	(5)
Subtotal		13	Subtotal		13
Major Requirements			Equivalent Courses at CNCC		
CET 101	Introduction to Engineering Tech	2			
CET 102	Surveying I	3	EGG 260	*Engineering Surveying I *2 credits may be carried over to the Technical Elective Section	3 + *(2)
CET 103	Surveying II	3	EGG 261	*Engineering Surveying II *2 credits may be carried over to the Technical Elective Section	3+ *(2)
CET 115	Civil Drafting I	3	EGG 101	Engineering Graphics I	3
CET 116	Civil Drafting II	3			
CET 207	Construction Matrls & Methods	3			
CET 208	Concrete & Asphalt Materials	3	ENT 245	Concrete & Asphalt Technology	3

CET 305	Construction Cost Estimating I	3			
CET 315	Soil Mechanics Technology	3	*ENT 210	*Soil Mechanics *Course is academically equivalent, but may not be counted for Upper Division credit	3
CET 316	Structural Analysis	3			
CET 317	Hydraulics	3			
CET 372	Traffic Control & Analysis	3			
CET 404	Structural Steel Design	3			
CET 405	Reinforced Concrete Design	3			
CET 412	Hydrology	3			
CET 415	Water & Sewer Sys Design	3			
CET 455	Design Seminar	1			
CET 456	Senior Project	3			
CET 473	Highway Design	3			
Subtotal		54	Subtotal		15
CET Electives			Equivalent Courses at CNCC		
CET 303	Construction Management	3			
CET 304	Construction Cost Estimating I	3			
CET 313	Architectural Drafting I	3			
CET 314	Architectural Drafting II	3			
CET 318	Route Surveying	3			
CET 401	Land Surveying	3			
CET 491	Special Topics	1-6			
CET 495	Independent Study	1-6			
Subtotals		6	Subtotals		
Technical Electives			Equivalent Courses at CNCC		
Technical Elective	Advisor Approved Technical Elective	3	*EGG 260	*Engineering Surveying I *2 credits carried over from the Major Requirements Section	2
			*EGG 261	*Engineering Surveying II *2 credits carried over from the Major Requirements Section	2
Subtotal		3	Subtotal		4
Total Credits for A.A.S.					61
Total Transfer Credit Accepted for A.A.S.					60
Total Additional Credit Required for B.S.					66
Total B.S. Degree Requirements		124	Total B.S. Degree Requirements for A.A.S. Transfer Students		126

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 CNCC and CSU-Pueblo in Civil Engineering Technology. This agreement will be reviewed annually and revised (if necessary) as mutually agreed.

cam: 12/09/09