2 + 2 Joint Articulation Transfer Agreement

Bachelor of Science in Computer Information Systems

Colorado State University – Pueblo
and
Community College Of Denver

B.S. Requirements at CSU-Pueblo			A.A. Requirements at CCD		
Lower Division General Education Requirements			**Equivalent Courses at CCD**		
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
SPCOM 103	Speaking and Speaking	3	SPE 115	Public Speaking	3
Humanities	Select from statewide Gen Ed Core	6	Humanities	Select from statewide Gen Ed Core	9
Social Science	ECON 201 Prin of Macroeconomics ECON 202 Prin of Microeconomics	3 3	Social Science	ECON 201 Prin of Macroeconomics ECON 202 Prin of Microeconomics	3 3
History	Select from Statewide Gen Ed Core	3	History	Select from Statewide Gen Ed Core	3
MATH 121	College Algebra	4	MAT 121	College Algebra	4
Physical and Life Sciences	Select from statewide General Education Core	8	Physical and Life Sciences	Select from stateside General Education Core	8
Subtotal		**36**	**Subtotal**		**39**
CIS Major Lower Division Course Requirements			**Equivalent Courses at CCD**		
CIS 100	Intro to Word & Windows	1	CIS 118	Intro to PC Applications	3
CIS 103	PowerPoint & Web Publishing	1			
CIS 104	Excel Spreadsheets	1			
CIS 105	MS Access DBMS	1			
CIS 150	Computer Information Systems	3			
CIS 171	Into to Java programming	4	*CSC 240 *CSC 119	*JAVA Programming Introduction to Programming ***Please Note: CSC 119, Intro to Programming is a perquisite for CSC 240. CSC 119 does not apply to this agreement**	3 3
CIS 185	PC Architecture	3			
CIS 240	Object-Oriented Analysis & Design	3			
CIS 271	Advanced Program Design with Java	4	CSC 241	Advanced JAVA Programming	3
CIS 289	Network Concepts	3			
CIS 311	Introduction to Web Development	3			
CIS 315	UNIX Operating System	3			
CIS 350	Data Base Systems	3			
CIS 432	Senior Professional Project	6			
CIS 493	Senior Seminar	1			
CIS Electives	Upper Division Advisor Approved CIS Electives	12			
Subtotal		**52**	**Subtotal**		**9 + *3**
Required Related Courses			**Equivalent Courses at CCD**		
MATH 156	Introduction to Statistics	3	MAT 135	Introduction to Statistics	3

OR	OR		OR	OR	
BUSAD 265	Inferential Statistics & Problem Sol		BUS 226	Business Statistics	
MATH 221	Applied Calculus	4	MAT 125	Survey of Calculus	4
MGMT 201	Principles of Management	3	MAN 226	Principles of Management	3
MGMT 368	Project Management	3			
BUSAD 270	Business Communications	3	BUS 217	Business Comm & Report Writing	3
BUSAD 360	Advanced Business Statistics	3			
Subtotal		**19**	**Subtotal**		**9**
CIS majors must select one of two options: Information Systems Environment or Computer Security					
Information Systems Environment Option (Business Administration Minor)			**Equivalent Courses at CCD**		
ACCTG 201	Financial Accounting	3	ACC 121	Principles of Accounting I	4
ACCTG 202	Managerial Accounting	3	ACC 122	Principles of Accounting II	4
*ECON 201	Principles of Macroeconomics	(3)	*ECO 201	Principles of Macroeconomics	(3)
*ECON 202	Principles of Microeconomics	(3)	*ECO 202	Principles of Microeconomics	(3)
**MGMT 201	Principles of Management	(3)	**MAN 226	Principles of Management	(3)
FIN 330	Principles of Finance	3			
MKTG 340	Principles of Marketing	3			
Elective	Advisor Approved	1			
* Refer to General Education Social Science Core **Refer to Required Related Courses Section			* Refer to General Education Social Science Core **Refer to Required Courses Section		
Subtotal		**13**	**Subtotal**		
Computer Security Option			**Equivalent Courses at CCD**		
CIS 360	IT Security	***3			
CIS 461	IT Security Management	***3			
CIS 462	Computer Forensics	***3	#CNG 258	#Computer Forensics **#This course is academic equivalent but cannot be counted for Upper Division credit**	4
CIS 401 OR CIS 402	Network Systems Administration OR Linux Networks and Routing	***3	+CNG 260 +CNG 261 +CNG 262 +CNG 263	+CISCO Network Associate I-IV **+Student completing all 4 CISCO Network Associate courses will be given 3 hours of Lower Division credit**	3
***Refer to CIS Major Upper Division Elective Requirements					
Subtotal		**(12)**	**Subtotal**		
Total Requirements for A.A.					**60**
Total Transfer Credit Accepted for A.A.					**60**
Total Additional Credit Required for B.S.					**63**
Total B.S. Degree Requirements					**123**

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 CCD and CSU-Pueblo in Bachelor of Science in Computer Information Systems. This agreement will be reviewed annually and revised (if necessary) as mutually agreed.

cam: 12/04/09
revised: 06/05/10