

2 + 2 Joint Articulation Transfer Agreement

Bachelor of Science in Computer Information Systems

Colorado State University – Pueblo and Arapahoe Community College

B.S. Requirements at CSU-Pueblo			A.G.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
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	6
Social Science	ECON 201 Prin of Macroeconomics	3	Social Science	ECON 201 Prin of Macroeconomics	3
	ECON 202 Prin of Microeconomics	3		ECON 202 Prin of Microeconomics	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		36
CIS Major Lower Division Course Requirements			Equivalent Courses at ACC		
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 115	Intro to Computer Information Sys	3
CIS 171	Into to Java programming	4	CSC 160	Computer Science I (JAVA)	4
CIS 185	PC Architecture	3	CNG 121	Computer Technician I: A+	4
CIS 240	Object-Oriented Analysis & Design	3	CIS 268	Systems Analysis and Design I	3
CIS 271	Advanced Program Design with Java	4	CSC 161	Computer Science II (JAVA)	4
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		
Required Related Courses			Equivalent Courses at ACC		
MATH 156 OR BUSAD 265	Introduction to Statistics OR Inferential Statistics & Problem Sol	3	MAT 135 OR BUS 226	Introduction to Statistics OR Business Statistics	3
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		
CIS majors must select one of two options: Information Systems Environment or Computer Security					
Information Systems Environment Option (Business Administration Minor)			Equivalent Courses at ACC		
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 ACC		
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.G.S.					60
Total Transfer Credit Accepted for A.G.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 Computer Information Systems. This agreement will be reviewed annually and revised (if necessary) as mutually agreed.

cam: 12/04/09