

# Colorado Community College System 60+60 Bachelor's Degree Transfer Program

Students beginning classes in the fall of 2003 or later must follow the guidelines established for the 60+60 Bachelor's Degree Transfer Program. (See below.) Completion of the 60+60 Bachelor's Degree Transfer Program and an AA or AS degree with a grade of C or better in each class qualifies the student to transfer under this policy in liberal arts and sciences to public four-year colleges and universities in Colorado. Some programs have specific course requirements – consult your faculty advisor for details.

## Associate of Arts Degree (AA)

The Associate of Arts degree is designed for students who want a traditional liberal arts education and who intend to transfer to a four year college or university. It provides a basis of study in the areas of arts and humanities, communication, or social sciences.

To earn the Associate of Arts Degree, students must complete the following course requirements for a total of 60 semester credit hours, at least 35 of which must be Colorado State-Guaranteed Courses.

### I. Communication

Nine (9) credit hours

GT-CO1: ENG 121

GT-CO2: ENG 122

SPE 115 or SPE 125\*

\*This requirement is a Colorado Community College System requirement and is in addition to the State Guaranteed General Education Transfer Courses.

### II. Art and Humanities

Nine (9) credit hours.

Select three (3) courses, with no more than two (2) courses from any one (1) of the following categories:

GT-AH1: ART 110, ART 111, ART 112, MUS 120, MUS 121, MUS 122, THE 105, THE 211, THE 212

GT-AH2: HUM 121, HUM 122, HUM 123, LIT 115, LIT 201, LIT 202

GT-AH3: PHI 111, PHI 112, PHI 113

### III. Mathematics

Three (3) credit hours minimum (credit hours over three (3) will be applied to the electives category).

GT-MA1: MAT 120, MAT 121, MAT 125, MAT 135, MAT 201, MAT 202

### IV. Social and Behavioral Sciences

Nine (9) credit hours

Select 3 courses, at least 1 of which must be History, with no more than 2 courses from any 1 category.

GT-HI1: HIS 101, HIS 102, HIS 201, HIS 202

GT-SS1: ECO 201, ECO 202, POS 105, POS 111

GT-SS2: GEO 105

GT-SS3: ANT 101, ANT 111, PSY 101, PSY 102, SOC 101, SOC 102

### V. Physical and Life Sciences

Eight (8) credit hours: select two (2) courses (credits over eight (8) will be applied to the electives category).

GT-SC1: AST 101, AST 102, BIO 105, BIO 111, BIO 112, CHE 101, CHE 102, CHE 111, CHE 112, GEY 111, GEY121, PHY 111, PHY 112, PHY 211, PHY 212

**Note:** Laboratory Sciences taken online do not fulfill the physical and life sciences required for the state guaranteed core.

### VI. Fine Arts/Communications\*

One to three (1-3) credit hours

This category is for courses whose primary emphasis is the creation of original works, performances, or messages that epitomize the liberal arts.

ART 107, ART 115, ART 116, ART 118, ART 119, ART 121, ART 122, ART 123, ART 124, ART 125, ART 126, ART 131, ART 132, ART 135, ART 136, ART 137, ART 141, ART 142, ART 145, ART 146, ART 147, ART 154, ART 155, ART 156, ART 157, ART 161, ART 162, ART 163, ART 164, ART 210, ART 211, ART 212, ART 213, ART 214, ART 221, ART 222, ART 223, ART 224, ART 225, ART 226, ART 227, ART 235, ART 236, ART 237, ART 241, ART 242, ART 245, ART 246, ART 247, ART 256, ART 257, ART 258, ART 261, ART 262, ART 269, ART 277, DAN 111, DAN 112, DAN 113, DAN 121, DAN 122, DAN 123, DAN 125, DAN 131, DAN 132, DAN 133, DAN 141, DAN 142, DAN 151, DAN 152, DAN 211, DAN 224, ENG 221, ENG 222, ENG 226, ENG 227, ENG 230, ENG 231, JOU 102, JOU 105, JOU 106, JOU 109, JOU 111, JOU 121, JOU 121, JOU 206, JOU 215, JOU 221, JOU 222, JOU 231, JOU 241, MUS 100, MUS 110, MUS 112, MUS 131, MUS 132, MUS 133, MUS 141, MUS 142, MUS 143, MUS 151, MUS 152, MUS 153, PHO 101, PHO 102, PHO 205, PHO 206, PHO 209, SPE 115, SPE 125, SPE 216, SPE 219, SPE 220, SPE 225, THE 105, THE 111, THE 115, THE 116, THE 120, THE 126, THE 130, THE 131, THE 135, THE 140, THE 152, THE 181, THE 182, THE 204, THE 215, THE 218, THE 246, THE 247, THE 248

\*This requirement does not apply to transfer programs with state-approved articulation agreements.

### VII. Computer Communication

Three (3) credit hours

CSC 105 or CSC 120

Students entering with strong computer skills have three options for meeting this requirement:

- Challenge and receive credit for CSC 105 by enrolling in an Open Entry/ Open Exit section and successfully completing with a C or higher.
- Meet the requirement through Credit for Prior Learning.
- Waive the requirement by applying to the Division of Mathematics and Technology. Waiving will require proof of competency via completion of a self test and a structured interview with a faculty member from the CIS or CSC department. Waiver also requires the credits be replaced by another elective from the approved elective course list.

### VIII. Electives

Sixteen to eighteen (16-18) credit hours selected from the AA/AS approved course list.

## B. Other Requirements

1. A minimum of 60 credit hours in a prescribed program of study with a cumulative grade point average of 2.0 (a C average). At least 15 of these credit hours must be earned from PPCC.
2. Only 6 elective credits are allowed in any combination of PED courses.
3. Students may concentrate their study in a specialized area such as speech communication, journalism, or political science. Many "Recommended Tracks" are included in the next section of this catalog.
4. Career and technical courses, whether taken at another institution or at PPCC, are not accepted toward this degree without approval of the vice president for educational services. Approval is given only when it is appropriate to the educational objectives of a student.
5. Courses numbered below 100 do not apply toward degrees.

**Foreign Language Note:** While not currently a part of the General Education Transfer Program, it is advisable to verify the foreign language admissions requirements for the university/four-year college you are planning to attend. For example, many of the Colorado four-year institutions require foreign languages for admission – the CU system requires 2-3 years of high school foreign language (or equivalent 2-3 semesters at Pikes Peak Community College). Students planning to attend a Colorado four-year institution who do not have the prerequisite foreign language requirement from high school should consider enrolling in these courses in addition to the degree requirements.

## Associate of Science Degree (AS)

The Associate of Science degree is designed for students who want an emphasis in natural sciences, mathematics, computer science, pre-engineering, and allied health and intend to transfer to four-year colleges and universities.

To earn the Associate of Science Degree, students must complete the following course requirements for a total of 60 semester credit hours, at least 36 of which must be Colorado State-Guaranteed Courses.

### I. Communication

Nine (9) credit hours  
GT-CO1: ENG 121  
GT-CO2: ENG 122  
SPE 115 or SPE 125\*

\*This requirement is a Colorado Community College System requirement and is in addition to the State Guaranteed General Education Transfer Courses.

### II. Art and Humanities

Nine (9) credit hours.  
Select three (3) courses, with no more than two (2) courses from any one (1) of the following categories:  
GT-AH1: ART 110, ART 111, ART 112, MUS 120, MUS 121, MUS 122, THE 105, THE 211, THE 212  
GT-AH2: HUM 121, HUM 122, HUM 123, LIT 115, LIT 201, LIT 202  
GT-AH3: PHI 111, PHI 112, PHI 113

### III. Mathematics

Four (4) credit hours minimum (credit hours over four (4) will be applied to the electives category).  
GT-MA1: MAT 121, MAT 125, MAT 201, MAT 202

## IV. Social and Behavioral Sciences

Nine (9) credit hours  
Select 3 courses, at least 1 of which must be History, with no more than 2 courses from any 1 category.  
GT-HI1: HIS 101, HIS 102, HIS 201, HIS 202  
GT-SS1: ECO 201, ECO 202, POS 105, POS 111  
GT-SS2: GEO 105  
GT-SS3: ANT 101, ANT 111, PSY 101, PSY 102, SOC 101, SOC 102

## V. Physical and Life Sciences

Eight (8) credit hours: select two (2) courses (credits over eight (8) will be applied to the electives category).  
GT-SC1: AST 101, AST 102, BIO 111, BIO 112, CHE 111, CHE 112, GEY 111, GEY121, PHY 111, PHY 112, PHY 211, PHY 212  
**Note:** Laboratory Sciences taken online do not fulfill the physical and life sciences required for the state guaranteed core.

## VI. Computer Communication (3 credits)

Choose three (3) credits from CSC 105, CS 120, CSC 150, or CSC 160.  
Students entering with strong computer skills have three options for meeting this requirement:  
a) Challenge and receive credit for CSC 105 by enrolling in an Open Entry/ Open Exit section and successfully completing with a C or higher.  
b) Meet the requirement through Credit for Prior Learning.  
c) Waive the requirement by applying to the Division of Mathematics and Technology. Waiving will require proof of competency via completion of a self test and a structured interview with a faculty member from the CIS or CSC department. Waiver also requires the credits be replaced by another elective from the approved elective course list.

## VII. Electives

Eighteen (18) credits selected from the AA/AS approved course list.

## B. Other Requirements

1. A minimum of 60 credit hours in a prescribed program of study with a cumulative grade point average of 2.0 (a C average). At least 15 of these credit hours must be earned from PPCC.
2. Only 6 elective credits are allowed in any combination of PED courses.
3. Students may concentrate their study in a specialized area such as biological sciences, chemistry, or pre-engineering. Many "Recommended Tracks" are included in the next section of this catalog.
4. Career and technical courses, whether taken at another institution or at PPCC, are not accepted toward this degree without approval of the vice president for educational services. Approval is given only when it is appropriate to the educational objectives of a student.
5. Courses numbered below 100 do not apply toward degrees.

**Foreign Language Note:** While not currently a part of the General Education Transfer Program, it is advisable to verify the foreign language admissions requirements for the university/four-year college you are planning to attend. For example, many of the Colorado four-year institutions require foreign languages for admission – the CU system requires 2-3 years of high school foreign language (or equivalent 2-3 semesters at Pikes Peak Community College). Students planning to attend a Colorado four-year institution who do not have the prerequisite foreign language requirement from high school should consider enrolling in these courses in addition to the degree requirements.

## Approved Elective Course List for AA/AS Degrees

All courses may be used as electives and are generally transferable. Please check with the receiving institution for details.

### I. Communications

ENG	121, 122 English Composition I,II	3,3
	131, 132 Technical Writing I, II	3,3
	221, 222 Creative Writing I,II	3,3
	227 Poetry Writing	3
SPE	115 Public Speaking	3
	125 Interpersonal Communication	3
	216 Principles of Speech II	3
	219 Group Dynamics	3
	220 Intercultural Communication	3
	225 Organizational Communication	3

### II. Arts and Humanities

ART	107 Art Education Methods	3
	110 Art Appreciation	3
	111, 112 Art History I, II	3
	115,116 East Asian Painting I,II	3,3
	118 Art Sampler	1
	119 Lettering	3
	121,122 Drawing I,II	3,3
	123,124 Watercolor I,II	3,3
	125,126 Landscape Drawing I,II	3,3
	131 2-D Design	3
	132 3-D Design	3
	135 Fiber Design I	3
	136,137 Navajo Weaving Techniques I,II	3,3
	141,142 Jewelry & Metal Work I, II	3,3
	145 Enameling on Metal I	3
	146,147 Stained Glass I,II	3,3
	154,155 Sculpture I, II	3,3
	156 Figure Drawing I	3
	157 Figure Painting I	3
	161,162 Ceramics I,II	3,3
	163,164 Handbuilt Clay I, II	3,3
	207 Art History – 1900 to Present	3
	208 Culture Studies	3
	210 Landscape Painting	3
	211,212,213,214 Painting I,II,III,IV	3,3,3,3
	221,222 Drawing III,IV	3,3
	223,224 Watercolor III,IV	3,3
	225 Printmaking I	3,3
	226 Advanced Printmaking I	3
	227 Portraiture	3
	235 Fiber Design II	3
	236,237 Navajo Weaving III,IV	3,3
	241,242 Jewelry and Metal Work III,IV	3,3
	245 Enameling on Metal II	3
	246,247 Stained Glass III,IV	3,3
	256 Advanced Figure Drawing	3
	257 Advanced Figure Painting	3
	258 Computer Animation	3
	261,262 Ceramics III, IV	3,3
	265 The Business of Visual Art	3
	269 Ceramic Sculpture	3
	277 Studio Art	3
	280 Internship	1-6

DAN	111,112,113 Modern Dance I,II,III	1,1,1
	121,122,123 Jazz Dance I,II,III	1,1,1
	125 History of Dance I	3
	129 Introduction to Dance	1
	130 Dance Sampler	1
	131,132,133 Ballet I,II,III	1,1,1
	141 Regional Dances	1
	142 Regional Dances II: Latin American Ballroom 1	
	151,152 Belly Dance I,II	1,1
	211 Dance Composition	2
	221 Dance Performance	2
	224 Dance for Musical Theatre	3
FRE	111,112 French Language I,II	5,5
	211,212 French Language III,IV	3,3
GER	111,112 German Language I,II	5,5
	211,212 German Language III,IV	3,3
HUM	103 Introduction to Film Art	3
	115 World Mythology	3
	121,122,123 Survey of Hum. I,II,III	3,3,3
	131 The Arts and Cultures of Mexico	3
	163 Film Criticism	3
	201 Twentieth Century American Arts	3
	235 Pre-Columbian Indian Arts	3
	236 North American Indian Arts	3
	237 Hispanic Arts of the Southwest	3
	238 Sacred Images, Sacred Spaces: Southwestern US	3
	241 Asian Arts and Cultures	3
ITA	111 Italian Language I	5
JPN	111,112 Japanese Language I,II	5,5
	211 Japanese Language III	3
LIT	115 Introduction to Literature I	3
	125 Study of the Short Story	3
	201,202 Masterpieces of Literature I,II	3,3
	205 Ethnic Literature	1
	211,212 Survey of American Literature I,II	3,3
	221,222 Survey of British Literature I,II	3,3
	235 Science Fiction	3
	246 Literature of Women	3
	248 Native American Literature	3
	255 Children's Literature	3
	257 Literature and Film	3
	268 Celtic Literature	3
	269 Popular Literature and Culture	3
MUS	100 Fundamentals of Music Theory	3
	105 Introduction to Electronic/Computer Music	
	110,111 Music Theory I,II	3,3
	112,113 Ear Training/Sight-singing I, II Lab	1,1
	120 Music Appreciation	3
	121,122 Introduction to Music History I,II	3,3
	125 History of Jazz Music	3
	126 History of American Popular Music	3
	131,132,133,134 Music Class I, II, III, IV	2,2,2,2
	141,142,143,144 Private Instruction I, II, III, IV	1,1,1,1
	151,152,153,154 Ensemble I, II, III, IV	1,1,1,1
	210,211 Music Theory III, IV	3,3
	212,213 Advanced Ear Training/Sight-singing I, II Lab	1,1
	231,232,233,234 Music Class I,II,III,IV	2,2,2,2
	241,242,243,244 Private Instruction I,II,III,IV	2,2,2,2
	251,252,253,254 Ensemble I,II,III,IV	1,1,1,1

PHI	111	Introduction to Philosophy	3	209	History of the American Southwest	3
	112	Ethics	3	215	Women in U.S. History	3
	113	Logic	3	225	Colorado History	3
	114	Comparative Religion	3	235	History of the American West	3
	214	Philosophy of Religion	3	236	Contemporary U.S. History	3
RUS	111,112	Russian Language I,II	5,5	241	History of the Pikes Peak Area	3
SPA	111,112	Spanish Language I,II	5,5	247	Contemporary World History	3
	211,212	Spanish Language III,IV	3,3	POS 105	Introduction to Political Science	3
THE	105	Introduction to the Theatre Arts	3	111	American Government	3
	111,112	Acting I,II	3,3	125	American State and Local Government	3
	115	State Movement for Actors	3	205	International Relations	3
	116	Technical Theatre	3	215	Current Political Issues	3
	120	Drafting for the Performing Arts	3	225	Comparative Government	3
	126	Auditioning for Musical Theater	3	PSY 101,102	General Psychology I,II	3,3
	130	Safety, Tools and Materials	3	106	Human Relations	3
	131,132	Theatre Production I,II	3,3	205	Psychology of Gender	3
	135,136	State Makeup I,II	2,2	215	Psychology of Adjustment	3
	140	State Dialects	1	217	Human Sexuality	3
	144	Scene Study	1	226	Social Psychology	3
	152,153	Production State Management I,II	3,3	227	The Psychology of Death and Dying	3
	181	Practicum: Audition Techniques	1-3	235	Human Growth and Development	3
	200	Paint, Draw, Render, Model Techs	3	238	Child Development	3
	204,205	Voice and Articulation I,II	2,2	245	Educational Psychology	3
	211,212	Development of Theatre I,II	3,3	247	Child Abuse and Neglect	3
	213,214	Intermediate Acting I,II	3,3	249	Abnormal Psychology	3
	215	Playwriting	3	265	Psychology of Personality	3
	216	Theatre Lighting and Design	3	SOC 101,102	Introduction to Sociology I,II	3,3
	220,230	Directing I,II	3,3	201	Introduction to Gerontology	3
	231,232	Theatre Production III,IV	3,3	205	Sociology of Family Dynamics	3
	242	Set Dressings: Theory and Practice	2	216	Sociology of Gender	3
	245	Basic Costume Design and Construction	3	218	Sociology of Diversity	3
	246,247,248	Rehearsal and Performance I,II,III	1,2,3	231	The Sociology of Deviant Behavior	3
				237	Sociology of Death And Dying	3
<b>III. Mathematics</b>						
MAT	120	Mathematics for the Liberal Arts (AA only)	4	<b>V. Physical and Life Sciences</b>		
	121	College Algebra	4	AST 101,102	Astronomy I,II	4,4
	122	College Trigonometry	3	BIO 105	Science of Biology (AA only)	4
	123	Finite Mathematics	3	111,112	General College Biology with Lab I,II	5,5
	125	Survey of Calculus	4	201,202	Human Anatomy and Physiology I,II	4,4
	135	Introduction to Statistics (AA only)	3	204	Microbiology	4
	166	Pre-calculus	5	CHE 101,102	Introduction to Chemistry with Lab I,II (AA only)	5,5
	201,202	Calculus I,II	5,5	111,112	General College Chemistry with Lab I,II	5,5
	203	Calculus III	4	211,212	Organic Chemistry with Lab I,II	5,5
	255	Linear Algebra	3	CSC 105	Computer Literacy	3
	265	Differential Equations	3	120	Problem Solving with Visual Basic for Applications	3
				140	Fortran Programming	3
<b>IV. Social and Behavioral Sciences</b>						
ANT	101	Cultural Anthropology	3	150	Visual Basic Programming	3
	107	Introduction to Archaeology	3	160, 161	Computer Science I, II: C++	4, 4
	111	Physical Anthropology	3	165	Discrete Structures	3
	211	Cultural Resource Management	3	225	Computer Organization/Assembly Language Programming	4
	221,222	Exploring Other Cultures I,II	3,3	GEO 111	Physical Geography - Landforms	4
ECO	201	Principles of Macroeconomics	3	112	Physical Geography - Weather and Climate	4
	202	Principles of Microeconomics	3	GEY 111	Physical Geology	4
GEO	105	World Regional Geography	3	121	Historical Geology	4
	106	Human Geography	3	135	Environmental Geology	3
	111	Physical Geography - Landforms	4	HWE 100	Human Nutrition	3
	112	Physical Geography - Weather and Climate	4	PHY 111,112	Physics: Algebra-Based with Lab I,II	5,5
HIS	101,102	History of Western Civilization I,II	3,3	211,212	Physics: Calculus-Based with Lab I,II	5,5
	201,202	United States (U.S.) History I,II	3,3			
	206	U.S. Family History and Genealogy	3			
	207	American Environmental History	3			
	208	Native American Experience	3			

## VI. Electives

ACC	*121,*122	Accounting Principles I,II	4,4
BUS	*115	Introduction to Business	3
	*216	Legal Environment of Business	3
	*217	Business Communication and Report Writing	3
	*226	Business Statistics	3
CIS	*118	Intro PC Applications	3
CSC	105	Computer Literacy	3
	120	Logic and Program Design	3
	130	COBOL Programming	3
	131	Advanced COBOL Programming	3
	165	Discrete Structures	3
	225	Computer Organization/Assembly Language Programming	4
	240	Java Programming	4
EDU	110	Overview of Special Populations for Paraeducators	3
	111	Communication Skills with Special Populations for Paraeducators	3
	112	Health & Safety Issues in Schools for Paraeducators	3
	114	Student Behavior Management for Paraeducators	3
	141	Basic Instructional Techniques for Paraeducators	3
	220	Exploration of Teaching	2
	221	Introduction to Education	3
	260	Adult Learning and Teaching	3
	265	Instructional Design	3
JOU	102	Introduction to Editing	3
	105	Introduction to Mass Media	3
	106	Fundamentals of Reporting	3
	109	Introduction to Desktop Publishing	3
	111	Principles of Advertising	3
	114	TV Production	3
	121	Photojournalism	3
	206	Intermediate Newswriting and Editing	3
	215	Publications Production and Design	3
	221,222	Newspaper Design I,II	3,3
	231	Introduction to Public Relations	4
	241	Magazine Article Writing	3
	280	Internship	3-5
MAN	*226	Principles of Management	3
MAR	*216	Principles of Marketing	3
PED	102	Volleyball	1
	105	Basketball	1
	106	Tennis	1
	110,111	Fitness Center Activity I,II	1,1
	114	Walking and Jogging	1
	115	Body Sculpturing and Toning	1
	116	Weight Training	1
	121	Step Aerobics	1
	137	Varsity Sports	1
	138	Introduction to Winter Sports	1
	143,144	Tai Chi I,II	1,1
	146	Martial Arts	1
	147,148	Yoga I,II	1,1
	153	Hiking	1
	210,211	Fitness Center Activity III,IV	1,1
PHO	101,102	Photography I, II	3,3
	205, 206	Digital Photography I,II	3,3
	209	Landscape Photography Workshop	2

\*These courses apply to AA Business Transfer option only.