

COMMUNITY COLLEGE OF DENVER

Addendum to the 2011-2012 Online and Printed Catalogs

This addendum is an integral part of the college's 2011-2012 Academic Catalog; the purpose of this document is to amend current information or include additional information. The information published herein is effective the 2011-2012 school-year. If any of these changes impact a student's ability to graduate, please contact the dean for your area. All changes are shaded gray.

Statewide Transfer Degree Programs

Community College of Denver students who follow the prescribed program in the following areas will be able to transfer their degrees and enroll as juniors in any Colorado public four-year program: Business, Economics, History, Mathematics, Psychology (both AA and AS), Spanish, a General Associate of Arts and a General Associate of Science. All courses must be completed with a grade of "C" or better. Course substitutions are not permitted with any Statewide Transfer Degree Plan. The elective options for these programs are included below; these elective options are to be used as of November 16, 2011.

BUSINESS ASSOCIATE OF ARTS DEGREE PLAN

Required Courses That Fulfill General Education Requirements	37
Communication	6
ENG 121 English Composition I:	GT-CO1
ENG 122 English Composition II:	GT-CO2
or	
ENG 122 English Composition II:	GT-CO2
and a GT-CO3 course	GT-CO3
Mathematics	8
MAT 121 College Algebra:	GT-MA1
or	
MAT 123 Finite Mathematics:	GT-MA1
MAT 125 Survey of Calculus:	GT-MA1
or	
a higher level Calculus course	
Arts & Humanities	6
Two guaranteed transfer Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)	
History	3
One guaranteed transfer History course.....	GT-HI1
Social & Behavioral Sciences	6
ECO 201 Principles of Macroeconomics:	GT-SS1
ECO 202 Principles of Microeconomics:	GT-SS1
Natural & Physical Sciences	8
Two guaranteed transfer Natural & Physical Sciences courses (GT-SC1, GT-SC2)	
Additional Required Courses	23
ACC 121 Accounting Principles I	4
ACC 122 Accounting Principles II	4
BUS 115 Introduction to Business	3
BUS 216 Legal Environment of Business	3
BUS 217 Business Communications and Report Writing	3
BUS 226 Business Statistics	3
COM 115 Public Speaking	3
Total	60

NOTE: Course substitutions are not permitted for any Statewide Transfer Degree program.

ECONOMICS ASSOCIATE OF ARTS DEGREE PLAN

Required Courses that Fulfill General Education Requirements:	37
Communication	6
ENG 121 English Composition I:	GT-CO1
ENG 122 English Composition II:	GT-CO2
or	
ENG 122 English Composition II:	GT-CO2
and a GT-CO3 course	GT-CO3

Mathematics	5
MAT 201 Calculus I:	GT-MA1
Arts & Humanities	9
Three guaranteed transfer Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)	
History	3
One guaranteed transfer History course.....GT-HI1	
Social & Behavioral Sciences	6
ECO 201 Principles of Macroeconomics:.....	GT-SS1 3
ECO 202 Principles of Microeconomics:.....	GT-SS1 3
Natural & Physical Sciences	8
Two guaranteed transfer Natural & Physical Sciences courses (GT-SC1, GT-SC2)	
Additional Required Courses	3
MAT 135 Introduction to Statistics:	GT-MA1
Electives	20
ACC 121, 122	
ANT – all courses	
ARA – all courses 111 or higher	
ART – all courses	
ASL – all courses 121 and higher	
AST – all courses	
BIO – all courses	
BUS 115, 216, 217, 226	
CHE – all courses	
CHI – all courses 111 and higher	
CIS 118	
COM – all courses	
CRJ 110	
EDU 221	
ENG 131, 221, 222	
FRE – all courses 111 and higher	
GEO – all courses	
GER – all courses 111 and higher	
GEY – all courses	
HIS – all courses	
HUM – all courses	
ITA – all courses 111 and higher	
JOU – all courses	
JPN – all courses 111 and higher	
LIT – all courses	
MAT 112, 120, 121, 123, 125, 155, 202, 204, 266	
MUS – all courses	
PHI – all courses	
PHY – all courses	
POS – all courses	
PSY 101, 102, 205, 217, 226, 227, 235, 238, 240, 249	
SCI 155, 156	
SOC – all courses	
SPA – all courses 111 and higher	
THE – all courses	
Total	60

NOTE: Course substitutions are not permitted for any Statewide Transfer Degree program.

Engineering State-wide Transfer Degrees													
	CO Community College Course Numbers	Aerospace Engineering Sciences*	Applied Mathematics	Architectural Engineering	Chemical & Biological Engineering	Chemical Engineering	Civil Engineering	Computer Science	Electrical & Computer Engineering	Electrical Engineering	Engineering Physics	Environmental Engineering	Mechanical Engineering
MATH													
CALCULUS I	MAT 201-5	X	X	X	X	X	X	X	X	X	X	X	X
CALCULUS II	MAT 202-5	X	X	X	X	X	X	X	X	X	X	X	X
CALCULUS III*	MAT 203-4 OR 204-5	X	X	X	X	X	X	X	X	X	X	X	X
LINEAR ALGEBRA *	MAT 255-3	X	X	X	X	X	X	X	X	X	X	X	X
DIFFERENTIAL EQUATIONS *	MAT 261-4 OR 265-3	X	X	X	X	X	X	X	X	X	X	X	X
DIFFERENTIAL EQUATIONS WITH LINEAR ALGEBRA	MAT 266-4	X	X	X	X	X	X	X	X	X	X	X	X
SCIENCE													
CALCULUS-BASED PHYSICS I W/LAB	PHY 211-5	X	X	X	X	X	X	X	X	X	X	X	X
CALCULUS-BASED PHYSICS II W/LAB	PHY 212-5	X	X	X	X	X	X	X	X	X	X	X	X
GENERAL COLLEGE CHEMISTRY I W/LAB	CHE 111-5	X	X	X	X	X	X	varies depending on track selected by student	choose one	choose one	X	X	X
GENERAL COLLEGE CHEMISTRY II W/LAB	CHE 112-5				X	X	X						
GENERAL COLLEGE BIOLOGY I W/LAB	BIO 111-5				X	X	X						
GENERAL COLLEGE BIOLOGY II W/LAB	BIO 112-5				X	X	X						
ARTS/HUMANITIES AND SOCIAL/BEHAVIORAL SCIENCES													
Select 3 courses from approved gtrPathways													
ELECTIVE #1													
ELECTIVE #2													
ELECTIVE #3													
COMPUTER SCIENCE													
COMPUTER SCIENCE I (language)	CSC 160-4	X	or EGG 130					X	X	X	X		
COMPUTER SCIENCE II (language)	CSC 161-4							X	X				
INTRO TO ENGINEERING COMPUTING *	EGG 130-3	X	or CSC 160	X	X	X	X				X	X	X
COMMUNICATIONS													
ENGLISH COMPOSITION I	ENG 121	X	X	X	X	X	X	X	X	X	X	X	X
ENGLISH COMPOSITION II	ENG 122	X	X	X	X	X	X	X	X	X	X	X	X
PUBLIC SPEAKING	COM 115	X	X	X	X	X	X	X	X	X	X	X	X
OTHER													
COMPUTER AIDED DRAFTING / ENGINEERING GRAPHICS	CAD 101 + 102, OR CAD 101 + 202, OR CAD 201, or EGG 101, or any course with pre-requisite of CAD 101 + 102			X			X						
COMPUTER AIDED DRAFTING / ENGINEERING GRAPHICS	CAD 101, 102, 202, 255, 256, 257, 258, or 259, or EGG 101												
INTRODUCTION TO ENGINEERING *	EGG 100-1	X		X	X	X	X	X	X	X	X	X	X
FIRST YEAR ENGINEERING PROJECTS *	EGG 140-3	X	X	X	X	X	X	X	X	X	X	X	X
MECHANICS OF SOLIDS *	EGG 206-3			X			X				X		X
MECHANICS I - STATICS	EGG 211-3 or EGG 271-3			X			X				X		X
MECHANICS II - DYNAMICS *	EGG 212-3 or EGG 272-3			X			X				X		X
THERMODYNAMICS *	EGG 230-3			X			X				X		X
ENGINEERING SURVEYING I *	EGG 260-5			X			X				X		X
*Not offered at CCD													

HISTORY ASSOCIATE OF ARTS DEGREE PLAN

Required Courses That Fulfill General Education Requirements: 34

Communication..... 6

ENG 121 English Composition I:.....GT-CO1
andGT-CO2

ENG 122 English Composition II:
or

ENG 122 English Composition II:.....GT-CO2
and a GT-CO3 courseGT-CO3

Mathematics 3

One guaranteed transfer Mathematics course but not MAT 155 or MAT 156
.....GT-MA1

Arts & Humanities..... 9

Three guaranteed transfer Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)

History..... 3

HIS 101 Western Civ: Antiquity-1650:.....GT-HI1
or

HIS 111 The World: Antiquity-1500:GT-HI1

Social & Behavioral Sciences..... 6

Two guaranteed transfer Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)

Natural & Physical Sciences 7

Two guaranteed transfer Natural & Physical Sciences courses (GT-SC1, GT-SC2)

Additional Required Courses..... 15

HIS 102 Western Civ: 1650-Present:GT-HI1 3
or

HIS 112 The World: 1500-Present:.....GT-HI1

HIS 201 US History to Reconstruction:.....GT-HI1 3

HIS 202 US History since the Civil War.....GT-HI1 3

One additional guaranteed transfer History course.....GT-HI1 3

COM 115 Public Speaking 3
or

COM 125 Interpersonal Communications

Electives..... 11

ANT – all courses

ARA – all courses 111 and higher

ART – all courses

ASL – all courses 121 and higher

AST – all courses

BIO – all courses

CHE – all courses

CHI – all courses 111 and higher

CIS 118

COM – all courses

CRJ 110

DAN & PED – all courses (up to 4 credits total)

ECE 101

ECO – all courses

EDU 221

ENG – all courses 121 and higher

FRE – all courses 111 and higher

GEO – all courses

GER – all courses 111 and higher

GEY – all courses

HIS – all courses

HUM – all courses

HWE 100

ITA – all courses 111 and higher

JOU – all courses

JPN – all courses 111 and higher

LIT – all courses

MAT – all courses 120 and higher

- MGD – all courses
- MUS – all courses
- PHI – all courses
- PHY – all courses
- POS – all courses
- PSY – all courses
- SCI 155, 156
- SOC – all courses
- SPA – all courses 111 and higher
- THE – all courses

Total **60**

NOTE: Course substitutions are not permitted for any Statewide Transfer Degree program.

MATHEMATICS ASSOCIATE OF SCIENCE DEGREE PLAN

Required Courses That Fulfill General Education Requirements: **39**

Communication..... **6**

ENG 121 English Composition I:GT-CO1

ENG 122 English Composition II:GT-CO2

or

ENG 122 English Composition II:GT-CO2

and a GT-CO3 courseGT-CO3

Mathematics **5**

MAT 201 Calculus I:.....GT-MA1

Arts & Humanities **9**

Three guaranteed transfer Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)

History..... **3**

One guaranteed transfer History course.....GT-HI1

Social & Behavioral Sciences..... **6**

Two guaranteed transfer Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)

Natural & Physical Sciences

PHY 211 Physics: Calculus-based I with Lab:.....GT-SC15

PHY 212 Physics: Calculus-based II with Lab:.....GT-SC15

Additional Required Courses..... **16-17**

COM 115 Public Speaking3

or

COM 125 Interpersonal Communication

MAT 202 Calculus II:.....GT-MA15

MAT 203* Calculus III: (*not available at CCD).....GT-MA14-5

or

MAT 204 Calculus III with Engineering Applications

.....GT-MA1

CSC 160 Computer Science I4

Electives **4-5**

ANT – All courses

ARA – all courses 111 and higher

ART – all courses

ASL – all courses

AST – all courses

BIO – all courses

CHE – all courses

CHI – all courses 111 and higher

CIS 118

COM – all courses

CSC 161

DAN, HPL and PED – all courses (up to 4 credits total)

ECO – all courses

EDU 221

ENG – all courses 121 and higher

FRE – all courses 111 and higher

GEO – all courses

- GER – all courses 111 and higher
- GEY – all courses
- HIS – all courses
- HUM – all courses
- HWE 100
- ITA – all courses 111 and higher
- JOU – all courses
- JPN – all courses 111 and higher
- LIT – all courses
- MAT – all courses 121 and higher
- MUS – all courses
- PHI – all courses
- PHY – all courses
- POS – all courses
- PSY – all courses
- SOC – all courses
- SPA – all courses 111 and higher
- THE – all courses

Total **60**

NOTE: Course substitutions are not permitted for any Statewide Transfer Degree program.

PSYCHOLOGY ASSOCIATE OF ARTS DEGREE PLAN

Required Courses That Fulfill General Education Requirements: **34-36**

Communication..... **6**

ENG 121 English Composition I:GT-CO1
andGT-CO2

ENG 122 English Composition II:
or

ENG 122 English Composition II:GT-CO2
and a GT-CO3 courseGT-CO3

Mathematics **3-4**

MAT 121 College Algebra:GT-MA1

Arts & Humanities 9

Three guaranteed transfer Arts & Humanities courses

No more than two (2) courses from any one category (GT-AH1, GT-AH2, GT-AH3, GT-AH4)

History..... **3**

One guaranteed transfer History course.....GT-HI1

Social & Behavioral Sciences **6**

Two guaranteed transfer Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)

Natural & Physical Sciences **7**

One guaranteed transfer BIOLOGY course -

must be GT-SC1 (course with lab)GT-SC1

One guaranteed transfer GT-SC1 course of the

student's choosingGT-SC1

PLEASE NOTE: The 2011-2012 CCD catalog lists GT-SC2 courses under the Natural & Physical Science student option above. THIS IS AN ERROR. Students must choose a GT-SC1 course.

Additional Required Courses..... **18**

PSY 101 General Psychology I:GT-SS3 3

PSY 102 General Psychology II:GT-SS3 3

Three guaranteed transfer PSYCHOLOGY courses.....GT-SS3 9

COM 115 Public Speaking 3
or

COM 125 Interpersonal Communications

Electives **6-8**

ACC 121, 122

ANT – all courses

ARA – all courses 111 and higher

ART – all courses

ASL – all courses 121 and higher

AST – all courses
 BIO – all courses
 BUS 115, 216, 217, 226
 CHE – all courses
 CHI – all courses 111 and higher
 CIS 118
 COM – all courses
 CRJ 110
 CSC 160, 161
 DAN & PED – all courses (up to 4 credits total)
 ECE 101, 102, 205, 238, 241
 ECO – all courses 101 and higher
 EDU 221
 ENG – all courses 121 and higher
 FRE – all courses 111 and higher
 GEO – all courses
 GER – all courses 111 and higher
 GEY – all courses
 HIS – all courses
 HUM – all courses
 ITA – all courses 111 and higher
 JOU – all courses
 JPN – all courses 111 and higher
 LIT – all courses
 MAT – all courses 121 and higher
 MGD – all courses
 MUS – all courses
 PHI – all courses
 PHY – all courses
 POS – all courses
 PSY – all courses 101 and higher
 SOC – all courses
 SPA – all courses 111 and higher
 THE – all courses

Total 60

NOTE: Course substitutions are not permitted for any Statewide Transfer Degree program.

PSYCHOLOGY ASSOCIATE OF SCIENCE DEGREE PLAN

Required Courses That Fulfill General Education Requirements: 38

Communication 6

ENG 121 English Composition I:GT-CO1
andGT-CO2

ENG 122 English Composition II:
or

ENG 122 English Composition II:GT-CO2
and a GT-CO3 courseGT-CO3

Mathematics 4

MAT 121 College Algebra:GT-MA1

Arts & Humanities 3

PHI 111 Introduction to PhilosophyGT-AH3
or

PHI 112 EthicsGT-AH3

Six additional credits from at least two different categories of guaranteed transfer

Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) 6

History 3

One guaranteed transfer History courseGT-HI1

Social & Behavioral Sciences 6

Two guaranteed transfer Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)

Natural & Physical Sciences

BIO 111 General College Biology I (with lab)GT-SC1 5

CHE 111 General College Chemistry (with lab)GT-SC1 5

Additional Required Courses	9
PSY 101 General Psychology I:.....GT-SS3	3
PSY 102 General Psychology II:.....GT-SS3	3
COM 115 Public Speaking	3
or	
COM 125 Interpersonal Communications	
Electives	13
ANT – all courses	
ARA – all courses 111 and higher	
ART – all courses	
ASL – all courses 121 and higher	
AST – all courses	
BIO – all courses 111 and higher	
CHE – all courses 111 and higher	
CHI – all courses 111 and higher	
CIS 118	
COM – all courses	
CSC 160, 161	
DAN & PED – all courses (up to 4 credits total)	
ECO – all courses 101 and higher	
EDU 221	
ENG – all courses 121 and higher	
FRE – all courses 111 and higher	
GEO – all courses	
GER – all courses 111 and higher	
GEY – all courses	
HIS – all courses	
HUM – all courses	
ITA – all courses 111 and higher	
JOU – all courses	
JPN – all courses 111 and higher	
LIT – all courses	
MAT – all courses 121 and higher	
MUS – all courses	
PHI – all courses	
PHY – all courses	
POS – all courses	
PSY 101, 102, 200, 258 and higher	
SOC – all courses	
SPA – all courses 111 and higher	
THE – all courses	
Total	60

NOTE: Course substitutions are not permitted for any Statewide Transfer Degree program.

SPANISH ASSOCIATE OF ARTS DEGREE PLAN

Required Courses That Fulfill General Education Requirements:	34
Communication	6
ENG 121 English Composition I:.....GT-CO1 andGT-CO2	
ENG 122 English Composition II: or	
ENG 122 English Composition II:.....GT-CO2 and a GT-CO3 courseGT-CO3	
Mathematics	3
One guaranteed transfer Mathematics course but not MAT 155 or MAT 156GT-MA1	
Arts & Humanities	9
SPA 211 Spanish Language III:.....GT-AH4.....	3
SPA 212 Spanish Language IV:.....GT-AH4.....	3

One guaranteed transfer Arts & Humanities course 3
 (GT-AH1, GT-AH2, GT-AH3, GT-AH4)

**PLEASE NOTE: Those students who have a higher proficiency level than is required for SPA 211 or SPA 212 should substitute other Arts & Humanities courses. Heritage speakers may want to substitute SPA 261 (Grammar-Heritage Lang Speaker) and SPA 262 (Comp-Heritage Lang Speaker), if available.*

History..... 3

HIS 244 History of Latin America.....GT-HI1
 or another guaranteed transfer History course (GT-HI1) focusing on the Spanish-speaking world (non-U.S.) or another guaranteed transfer non-U.S. History course.
 (Please see an Educational Case Manager for assistance.)

Social & Behavioral Sciences..... 6

Two guaranteed transfer Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)

Natural & Physical Sciences 7

Two guaranteed transfer Natural & Physical Sciences courses. One of these courses must have the required laboratoryGT-SC1
 (GT-SC1/GT-SC2)

Additional Required Courses..... 13

SPA 111 Spanish Language I..... 5
 SPA 112 Spanish Language II..... 5

**PLEASE NOTE: SPA 111 or SPA 112 may be waived, based on a student's proficiency level. Students should consult a departmental advisor at the four-year college or university.*

COM 115 Public Speaking (recommended)..... 3
 or

COM 125 Interpersonal Communications

Electives 11

(PLEASE NOTE: Not all courses listed below are available at CCD.)

- ANT 101, 211, 212
- DAN 117, 118, 119
- EDU 231
- ETH 106, 224
- GEO 105
- HIS 209, 225, 244, 246, 247, 260
- HUM 237
- LIT 201, 202, 205
- MUS 123
- POS 205
- SPA 201, 202, 215, 235, 261, 262
- FOR 111 – any foreign language other than SPA
- FOR 112 – any foreign language other than SPA
- FOR 211 – any foreign language other than SPA
- FOR 212 – any foreign language other than SPA

Total..... 60

NOTE: Course substitutions are not permitted for any Statewide Transfer Degree program.

ASSOCIATE OF ARTS DEGREE PLAN

Required Courses That Fulfill General Education Requirements: 37

Written Communication 6

ENG 121 English Composition I:GT-CO1
 andGT-CO2
 ENG 122 English Composition II:
 or
 ENG 122 English Composition II:GT-CO2
 and a GT-CO3 courseGT-CO3

Oral Communication	3
COM 115 Public Speaking or	
COM 125 Interpersonal Communication or	
COM 220* Intercultural Communication (*not available at CCD)	
Mathematics	3
MAT 120 or higher	
Any guaranteed transfer Math course except MAT 155/156 (GT-MA1)	
Arts & Humanities/Social & Behavioral Sciences Combined	18
(6-A&H and 6-S&B and 6-History including 3/Student Option)	
Six credits of guaranteed transfer Arts & Humanities courses from two different areas (GT-AH1, GT-AH2, GT-AH3, GT-AH4)	
Six credits of guaranteed transfer Social & Behavioral Sciences courses from two different areas (GT-SS1, GT-SS2, GT-SS3)	
Three credits of guaranteed transfer History courses (GT-HI1) and	
Three credits of guaranteed transfer of the students' choosing from any courses in the above areas (GT-AH1, GT-AH2, GT-AH3, GT-AH4, GT-SS1, GT-SS2, GT-SS3, or GT-HI1)	
Arts & Expression (GT-AH1)	
Literature & Humanities (GT-AH2)	
Ways of Thinking (GT-AH3)	
Foreign Language (GT-AH4)	
History (GT-HI1)	
Economic or Political Systems (GT-SS1)	
Geography (GT-SS2)	
Human Behavior, Culture or Social Frameworks (GT-SS3)	
Natural & Physical Sciences	7
Two guaranteed transfer Natural & Physical Sciences courses including at least one lab course (GT-SC1/GT-SC2)	
Electives	23
ACC 121, 122	
ANT – all courses	
ARA – all courses 111 and higher	
ART – all courses	
ASL – all courses 121 and higher	
AST – all courses	
BIO – all courses	
BUS 115, 216, 217, 226	
CHE – all courses	
CHI – all courses 111 and higher	
CIS 118	
COM – all courses	
CRJ 110	
DAN & PED – all courses (up to 4 credits total)	
ECE 101, 102, 205, 238, 241	
ECO – all courses	
EDU 221	
ENG – all courses 121 and higher	
FRE – all courses 111 and higher	
GEO – all courses	
GER – all courses 111 and higher	
GEY – all courses	
HIS – all courses	
HUM – all courses	
HWE 100	
ITA – all courses 111 and higher	
JOU – all courses	
JPN – all courses 111 and higher	
LIT – all courses	
MAT – all courses 120 and higher	
MGD – all courses	
MUS – all courses	
PHI – all courses	
PHY – all courses	

- POS – all courses
- PSY – all courses
- SCI 155, 156
- SOC – all courses
- SPA – all courses 111 and higher
- THE – all courses

Total..... 60

ASSOCIATE OF SCIENCE DEGREE PLAN

Required Courses That Fulfill General Education Requirements: 39

Written Communication 6

ENG 121 English Composition I:GT-CO1
andGT-CO2

ENG 122 English Composition II:
or

ENG 122 English Composition II:GT-CO2
and a GT-CO3 courseGT-CO3

Oral Communication 3

COM 115 Public Speaking
or

COM 125 Interpersonal Communication
or

COM 220* Intercultural Communication (*not available at CCD)

Mathematics 3

MAT 121 College AlgebraGT-MA1
or

MAT 122 College TrigonometryGT-MA1
or

MAT 166* Pre-Calculus (*not available at CCD)GT-MA1
or

MAT 201 Calculus I or higherGT-MA1

Arts & Humanities 6

Two guaranteed transfer Arts & Humanities courses from
two different areas (GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Arts & Expression (GT-AH1)

Literature & Humanities (GT-AH2)

Ways of Thinking (GT-AH3)

Foreign Language (GT-AH4)

History 3

One guaranteed transfer History course (GT-HI1)

Social & Behavioral Sciences 6

Two guaranteed transfer Social & Behavioral Sciences courses
from two different areas (GT-HI1, GT-SS1, GT-SS2, GT-SS3)

History (GT-HI1)

Economic or Political Systems (GT-SS1)

Geography (GT-SS2)

Human Behavior, Culture, or Social Frameworks (GT-SS3)

Natural & Physical Sciences 12

One 2-lab course sequence in any guaranteed transfer science discipline (GT-SC1) and additional
guaranteed transfer lab science course(s) (GT-SC1)

(For example: BIO 111 and BIO 112 are a 2-lab sequence. BIO 111 and BIO 201 are NOT a sequence.

A third lab science course is required. Extra credits would apply toward electives.)

Electives 21

ANT – all courses

ARA – all courses 111 or higher

ART – all courses

ASL – all courses

AST – all courses

BIO – all courses

CHE – all courses

CHI – all courses 111 or higher

CIS 118

COM – all courses
 CSC 160, 161
 DAN, HPL & PED – all courses (up to 4 credits total)
 ECO – all courses
 EDU 221
 ENG – all courses 121 and higher
 FRE – all courses 111 and higher
 GEO – all courses
 GER – all courses 111 and higher
 GEY – all courses
 HIS – all courses
 HUM – all courses
 HWE 100
 ITA – all courses 111 and higher
 JOU – all courses
 JPN – all courses 111 and higher
 LIT – all courses
 MAT – all courses 121 and higher
 MUS – all courses
 PHI – all courses
 PHY – all courses
 POS – all courses
 PSY – all courses
 SOC – all courses
 SPA – all courses 111 and higher
 THE – all courses

Total..... 60

Associate of General Studies Degree

ASSOCIATE OF GENERAL STUDIES DEGREE

The Community College of Denver offers the Associate of General Studies Generalist degree. It requires lower-division core general education courses that transfer to all majors at all state baccalaureate colleges and universities. Only grades of “C” or better are acceptable for the core general education requirements. Up to four credits of physical education may apply toward this degree.

Associate of General Studies Generalist Degree (AGS-G)

Transferability of this customized degree program depends upon the courses taken and the receiving institution. The AGS Degree is limited to 60 credits, and requires at least 30 semester hours of general education. Fifteen of these semester hours must be in prescribed general education courses labeled as those accepted in the State Guaranteed General Education Transfer and designated as such in the college catalogue. Advising is available in Plaza 262.

Program Admission Requirements

See individual articulated degree options.

Credit Hours

Credits are the hours of credit awarded to the course. An associate degree requires a minimum of 60 credits. Credit hours in parenthesis, e.g., (3), are options from which students may choose. They are not included in the total credit hours listed below. An average full-time student course load is 15 credit hours. An AGS degree takes four semesters of 15 credits each semester, assuming that all courses count toward the degree.

Associate of General Studies Degree, Generalist

AGS Liberal Arts Core

Core course requirements may NOT be waived or substituted.

AGS Degree Program Requirements

Communications

You must take both ENG courses and one COM course. 9

Intro. Writing Course

ENG 121 English Composition I: GT-CO1

Intermediate Writing Course

ENG 122 English Composition II: GT-CO2
 COM course requirement is a Colorado Community College System requirement and is in addition to the State Guaranteed General Education Transfer Courses. IT IS NOT GUARANTEED TO TRANSFER.
 COM 115 Public Speaking
 OR
 COM 125 Interpersonal Communication

Mathematics3-5

You must take one course from the list below.
 MAT 120, MAT 121, MAT 122, MAT 123, MAT 125, MAT 135, MAT 155*, MAT 156*,
 MAT 201, MAT 202, MAT 204, MAT 266: GT-MA1
 * MAT 155 and MAT 156 must BOTH be taken to meet the core math requirements.

Arts & Humanities9

Select 3 courses from the following with no more than 2 courses from one category:

Arts & Humanities:
 ART 110, 111, 112: GT-AH1
 MUS 120, 121, 122, 123: GT-AH1
 THE 105, 211, 212: GT-AH1
 Literature and Humanities:
 HUM 115, 121, 122, 123: GT-AH2
 LIT 115, 201, 202, 205, 211, 212, 225: GT-AH2
 Ways of Thinking
 PHI 111, 112, 113, 114, 218: GT-AH3

Foreign Languages

ARA 111, 112, 211, 212
 CHI 111, 112, 211, 212
 FRE 111, 112, 211, 212 (GT-AH4 200 level only)
 GER 111, 112, 211, 212 (GT-AH4 200 level only)
 ITA 111, 112, 211, 212 (GT-AH4 200 level only)
 JPN 111, 112, 211, 212 (GT-AH4 200 level only)
 SPA 111, 112, 211, 212 (GT-AH4 200 level only)

History

You must take a minimum of one course from the list below.
 HIS 101, 102, 111, 112, 201, 202, 225, 236, 243, 244, 247, 249, 255: GT-HI1

Social & Behavioral Sciences

You must take two courses (minimum 6 credits) from this list.

Economic and Political Systems
 ECO 201, 202: GT-SS1
 POS 105, 111, 125, 205: GT-SS1

Geography

GEO 105: GT-SS2

Human Behavior and Social Systems

ANT 101, 107, 111, 201, 215: GT-SS3
 JOU 105: GT-SS3
 PSY 101, 102, 205, 217, 226, 227, 235, 238, 240, 249: GT-SS3
 SOC 101, 102, 205, 207, 215, 216, 218, 220, 231, 237: GT-SS3

Natural and Physical Sciences4-5

Select 1 laboratory-based course from the following:

AST 101, 102: GT-SC1
 BIO 105, 111, 112, 201, 202, 204, 208, 220, 221: GT-SC1
 CHE 101, 102, 111, 112: GT-SC1
 GEY 111, 121: GT-SC1
 PHY 105, 111, 112, 211, 212: GT-SC1
 SCI 155 AND SCI 156

Electives

18-26 additional credits needed to reach at least 60. Minimum of 6 credits hours must be 100 Level GT courses or 200 Level courses.

Total60

Exactly 60 credits are required for the AGS degree. Credits above that amount might not transfer.

Please note: Any course whose number begins with "0" in any prefix will not meet requirements for the AGS-G degree. English and mathematics courses numbered before the core general education courses will not meet requirements for the AGS-G. All General Education courses must be completed with a C grade or better for all AGS degrees.

New Certificate Programs

BUSINESS ADMINISTRATION

Certificate in Business Management – Entrepreneurship Requirements

CIS 118	Intro to PC Applications.....	3
MAN 128	Human Relations in Organizations.....	3
MAN 200	Human Resource Management.....	3
MAN 226	Principles of Management.....	3
MAR 117	Principles of Retailing.....	3
MAR 216	Principles of Marketing.....	3

Select one from each of the following:

ACC 101	Fundamentals of Accounting OR	
ACC 121	Accounting Principles 1.....	3 or 4
BUS 217	Business Communication and Report Writing OR	
ENG 121	English Composition I.....	3
MAT 107	Career Math, MAT 108 Technical Mathematics, MAT 112 Financial Math, BUS 226* Business Statistics, OR MAT 120 Math for Liberal Arts or higher.....	3 or 4
COM 125	Interpersonal Communication OR	
COM 115	Public Speaking.....	3
TOTAL for Certificate		30-32

Certificate in Business Management – Retail Management Requirements

CIS 118	Intro to PC Applications.....	3
MAN 128	Human Relations in Organizations.....	3
MAN 200	Human Resource Management.....	3
MAN 226	Principles of Management.....	3
MAR 117	Principles of Retailing.....	3
MAR 216	Principles of Marketing.....	3

Select one from each of the following:

ACC 101	Fundamentals of Accounting OR ACC 121 Accounting Principles 1.....	3 or 4
BUS 217	Business Communication and Report Writing OR ENG 121 English Composition I.....	3
MAT 107	Career Math, MAT 108 Technical Mathematics, MAT 112 Financial Math, BUS 226* Business Statistics, OR MAT 120 Math for Liberal Arts or higher.....	3 or 4
COM 125	Interpersonal Communication OR COM 115 Public Speaking.....	3
Total		30-32

BUSINESS ADMINISTRATION

Certificate in Business Management – International Business Requirements

ACC 121	Accounting Principles I.....	4
BUS 115	Introduction to Business.....	3
BUS 203	Intro to International Business.....	3
BUS 216	Legal Environment of Business.....	3
BUS 217	Business Communications and Report Writing.....	3
CIS 118	Introduction to PC Applications.....	3
ECO 201	Principles of Macroeconomics: GT-SS1.....	3
MAN 200	Human Resource Management.....	3

MAR 240	International Marketing	3
POS 205	International Relations: GT-SS1	3
	Total	31

MAMMOGRAPHY CERTIFICATE

The Health Sciences Center at Community College of Denver is now offering a Certificate in Mammography. The program will assist the qualified student in obtaining the necessary didactic education and mandatory clinical competencies to prepare them to sit for the American Registry of Radiologic Technologists (ARRT) Mammography Certification Examination. The program has been designed to be in compliance with all Colorado State and U.S. Federal education requirements, and will prepare students for entry-level clinical practice.

Apply to CCD for enrollment in the Spring 2012 semester to become proficient in the art of mammography. The clinical component is tailored to meet the needs of the individual student, with weekday clinical placement available.

Program Application Requirements

- Current ARRT Certification in Radiologic Technology
- Minimum 1 year of healthcare experience
- CPR—BLS for healthcare providers
- Current immunizations
- Successfully complete a background check

After accepted to the program students must have a “temporary” mammography certificate.

RTE 250	Mammography	3 Credits
RTE 291	Mammography Internship	3 Credits
	Total	6 Credits

Changes in Certificate Programs

BUSINESS TECHNOLOGY

Office Assistant Certificate title should include “General”

Certificate in Business Technology
General Office Assistant Certificate

COMPUTED TOMOGRAPHY CERTIFICATE

Under program admission requirements as of November 16, 2011, applicants must have a minimum of one year patient care experience.

COMPUTER INFORMATION SYSTEMS

Change the following for the corresponding programs in the 2011-2012 catalog:

Associate of Applied Science Degree in Computer Information Systems

This transferable degree prepares students to obtain entry-level employment in the Information Technology (IT) industry. The business core ensures that students will have the business foundation necessary to compete in the workforce. Potential students should see an IT advisor for more information on transferability.

This degree transfers to Metropolitan State College of Denver’s Bachelors of Science Degree in Computer Information Systems.

General Education Requirements

ENG 121	English Composition I: GT-CO1	3
ENG 122	English Composition II: GT-CO2	3
MAT 123	Finite Mathematics: GT-MA1	4
POS 105	Introduction to Political Science: GT-SS1	3
PSY 101	General Psychology I: GT-SS3	3
COM 115	Public Speaking	3
	Total	19

Core Requirements

ACC 121	Principles of Accounting.....	4
BUS 216	Legal Environment of Business.....	3
BUS 217	Business Communication & Report Writing.....	3
ECO 201	Principles of Macroeconomics: GT-SS1.....	3
ECO 202	Principles of Microeconomics: GT-SS1.....	3
MAR 216	Principles of Marketing.....	3
	Total.....	19

Major Requirements

BTE 100	Computer Keyboarding.....	1
CIS 118	Introduction to PC Applications.....	3
CIS 267	Management of Information Systems.....	3
CSC 119	Introduction to Programming.....	3
CNG 101	Introduction to Networking.....	3
	OR	
CNG 124	Networking I: Network +.....	(3)
CNG 102	Local Area Networks.....	3
	OR	
CNG 125	Networking II: Network +.....	(3)
CNG 116	Microcomputer Hardware.....	3
CNG 120	A+ Certification Prep.....	4
	Total.....	23
	Total.....	61

Certificate in Computer Information Systems

Computer Technology Certificate

This one semester certificate is designated to prepare students for employment as computer technicians. Students completing this certificate will be prepared to take the CompTIA A+ certification examinations.

CIS 118	Introduction to PC Applications.....	3
CNG 101	Introduction to Networking.....	3
	OR	
CNG 124	Networking I: Network +.....	(3)
CNG 102	Local Area Networks.....	3
	OR	
CNG 125	Networking II: Network +.....	(3)
CNG 116	Microcomputer Hardware.....	3
CNG 120	A+ Certification Preparation.....	4
	Total.....	16

Credit Transfer Limitations:

Courses transferred into the Computer Information Systems or the Information Technology degree/certificate options have the following time limits:

- Application courses - 5 years
- Programming courses – 5 years
- Networking Courses – 5 years
- Certification courses – 3 years
- General education courses – 10 years
- Business courses – 10 years

If the transferring student has current industry experience, the time limit for applicable courses may be waived upon approval of the program chair.

Associate of Applied Science Degree in Information Technology Information Technology

This program prepares students to obtain an entry-level position in the Information Technology industry. This degree offers students a broad educational background in computer information systems. Students can choose to specialize in a specific IT category by using the nine elective credits to focus on a particular area. Students completing this degree will qualify for the CompTIA A+ certification exams, and gain experience in networking, computer security and database management. Students will enhance their communication skills, and obtain an exposure to the business environment.

Program Admission Requirements

1. Meet minimum assessment scores or prerequisites required for general education courses in the program.
2. Completion of 6 credit hours of college-level work.

General Education Requirements

CIS 118	Introduction to PC Applications	3
COM 115	Public Speaking	3
ENG 131	Technical Writing I.....	3
MAT 121	College Algebra: GT-MA1.....	4
PSY 101	General Psychology I: GT-SS3.....	3
	Subtotal	16

Core Requirements

CIS 124	Introduction to Operating Systems.....	3
CIS 240	Database Design and Development.....	3
CIS 267	Management of Information Systems.....	3
CSC 119	Introduction to Programming	3
CNG 101	Introduction to Networking	3
	OR	
CNG 124	Networking I: Network +.....	(3)
CNG 105	Internet Technologies.....	3
CNG 116	Microcomputer Hardware.....	3
CNG 120	A+ Certification Preparation.....	4
CNG 131	Network Security Fundamentals.....	3
	Subtotal	28

Business Requirements

BTE 100	Computer Keyboarding I	1
BUS 115	Introduction to Business	3
BUS 217	Business Communications and Report	3
MAR 160	Customer Service	3
	Subtotal	10

Additional Requirements

Select at least 9 additional credits from the following prefixes:

BTE, CIS, CNG, CWB, or CSC with advisor's written approval.....	9
Total	63

Certificate in Information Technology

Computer Service and Support Certificate

This program prepares students as entry-level computer service technicians. Students completing this certificate will be prepared for the CompTIA A+ certification exams and the MCDST (Microsoft Certified Desktop Service Technician) certification exams. Students will obtain the skills necessary to assemble and repair personal computers and peripherals, install software applications, and configure personal computers on the network.

Requirements

CIS 118	Introduction to PC Applications	3
CIS 124	Introduction to Operating Systems.....	3
CIS 135	Complete PC Word Processing/Word(software package).....	3
CIS 155	PC Spreadsheet Concepts: Excel.....	3
CIS 145	Complete PC Database.....	3
CNG 101	Introduction to Networking	3
	OR	
CNG 124	Networking I: Network +.....	(3)
CNG 102	Local Area Networks	3
	OR	
CNG 125	Networking II: Network +	(3)
CNG 116	Microcomputer Hardware.....	3
CNG 120	A+ Certification Preparation.....	4
CNG 211	Windows XP Configuration.....	3
	Total	31

**Certificate in Information Technology
Network Security Certificate**

This program prepares students as entry-level network security specialists. Students can choose the Network Security emphasis to obtain skills in network infrastructure security and cryptography, or choose the Forensics emphasis to become versed in digital investigations and data recovery techniques.

Program Admission Requirements

Meet minimum assessment scores or prerequisites required for general education courses in the program.

Requirements

CIS 118	Introduction to PC Applications	3
CNG 101	Introduction to Networking	3
	OR	
CNG 124	Networking I: Network +	(3)
CNG 102	Local Area Networks	3
	OR	
CNG 125	Networking II: Network +	(3)
CNG 116	Microcomputer Hardware	3
CNG 131	Network Security Fundamentals	3
CNG 132	Principles of Information Security	3
CNG 211	Windows XP Configuration	3
	Students must select an additional 3 credit CNG or PSM course with advisor approval	3
	Total	24

VETERINARY TECHNOLOGY

Changes to Veterinary Technology program

Completed applications with all accompanying forms can be postmarked through June 30 for fall classes and through October 31 for spring classes.

Step 3: Official transcripts are not required for prerequisites taken at CCD. If you are submitting prerequisites from another regionally accredited institution submit a Transcript Evaluation Form (do not submit this form with your application) and all official transcripts from the previously attended institution and have them sent directly to:

CCD Admissions, Registration and Records Office:
Admissions, Registration and Records
Campus Box 201
PO box 173363
Denver, CO 80217-3363

Veterinary Technology prerequisite changes

- BIO 111 or 4 credits of college general biology with lab
- PSY 101 General Psychology or SOC 101 Intro to Sociology
- MAT 107 or higher

Course Corrections

END — ELECTRONEURODIAGNOSTIC TECHNOLOGY

END 280 Internship Technology
Should be 5 credits instead of 6.

RTE — RADIOGRAPHY

RTE 181 Radiographic Internship I
Should be 5 credits to agree with the required credits for graduation. This course is listed as 5 credits in the Colorado Common Course Number System. In error, our 2011-12 catalog lists it as 1.5. credits; current CCD students taking the course this fall are taking the required 5 credit hour course. With this correction, the total program credits is now 76-80 credits

RTE 284 Advanced Clinical (CT), 1-6 credits

This is a name change so that the name of the course agrees with the Colorado Common Course Number System. The course number and credits are not changing.

RTH — RADIATION THERAPY

RTH 281 Radiographic Internship V

This should be for 8 credits to agree with the program section.

RTH 283 Internship III

This should be 8 credits to agree with the program section.

New Courses

Beginning Spring, 2012

ANT — ANTHROPOLOGY

ANT 250 Medical Anthropology GT-SS3, 3 credit hours

Prerequisite: ENG 121 with a grade of C or better

Studies the basic principles of medical anthropology, an applied field within the discipline of cultural anthropology. Includes the cross-cultural study of practices and beliefs regarding illness, health, death, prevention and therapy; and the interaction of the medical systems between Western and other cultures. This course is one of the Statewide Guaranteed Transfer courses. GT-SS3.

ART — ART

ART 122 Drawing for the Graphic Novel, 3 credit hours

Prerequisite: ART 121 with a grade of C or better, or instructor consent

Introduces the drawing and fine art principles used in developing illustrations for the graphic novel. Students explore the graphic novel as a vehicle for a unique, personal venue for artistic expression. Students explore the history of the graphic novel as well as examine different artistic styles used in the development of graphic novel illustrations. The application of artistic concepts in the creation of an individual graphic work and thorough examination of course material in terms of style, design considerations and visual elements are the primary focus. Students will create images for a graphic novel, focusing on unity of style and techniques for creating images appropriate to story line using black and white or grayscale illustrations.

CIS — COMPUTER INFORMATION SYSTEMS

CIS 101 Alternative Input/Output for Computers, 1 credit hour

Focuses on teaching alternative methods for inputting data into a computer. Individualized for each student, the course covers such programs as Dragon NaturallySpeaking, Dragon Dictate, or Job Access with Speech (JAWS). It is designed for students who have little or no previous computer experience.

CNG — COMPUTER NETWORK TECHNOLOGIES

CNG 124 Networking I: Network +, 3 credit hours

Provides students with the knowledge necessary to understand, identify and perform necessary tasks involved in supporting a network. Covers the vendor-independent networking skills and concepts that affect all aspects of networking, such as installing and configuring the TCP/IP. This course also prepares students for the Networking II: Network + course.

CNG 125 Networking II: Network +, 3 credit hours

Continues to provide students with the knowledge necessary to implement and support a network. Focuses on the vendor-independent networking skills and concepts that affect all aspects of networking. The Networking I and II: Network + courses prepare students for the Network + certification.

COM — COMMUNICATIONS

COM 105 Career Communications, 3 credit hours

Prerequisite: ENG 090 with a grade of C or better, or English assessment score of 95 or better, or equivalent ACT/SAT scores.

Develops skills needed in obtaining and keeping a job. Includes job searching, applications, resumes, interviews, and the dynamics of customer, peer, and managerial relationships. Emphasizes speaking, writing, listening, critical reading skills, and vocabulary development essential to the employment world.

EDU — EDUCATION

EDU 250 CTE in Colorado, 1 credit hour

Explores common elements of Career and Technical Education philosophy and current practices. It details the philosophy of Career and Technical Education (CTE), the federal Carl D. Perkins legislation and related guidelines for CTE, the Colorado Technical Act, national and state regulatory agencies, the CCCS program approval process, enrollment management and advising strategies, relevant local and national issues, and quality assurance principles.

EDU 260 Adult Learning and Teaching, 3 credit hours

Examines the philosophy of community colleges and/or secondary schools and the roles and responsibilities of the faculty member within the college/school community. Introduces basic instructional theories and applications, with particular emphasis on adult learners. Includes syllabus development, learning goals and outcomes, and lesson plans. Emphasizes teaching to a diverse student body, classroom management, assessment and instructional technology.

EMS — EMERGENCY MEDICAL SERVICES**EMS 126 EMT Basic Refresher , 2 credit hours**

Provides the student with a refresher course designed to meet the recertification requirements for the State of Colorado and/or a portion of the recertification requirements for National Registry

ENG — ENGLISH**ENG 226 Fiction Writing, 3 credit hours**

Prerequisite: ENG 221 with a grade of C or better, or Instructor consent

Teaches techniques for creating fiction, including the study and appreciation of the language and forms of the short story.

ENG 228 Writing for the Graphic Novel, 3 credit hours

Prerequisite: ENG 221 with a grade of C or better, or Instructor consent

Introduces story analysis and writing concepts used in writing for the graphic novel. Students explore the graphic novel as a vehicle for a unique, personal venue for written expression. Students explore the history and universal themes of the graphic novel as well as examine the principles of composition, different writing styles and processes used in the development of the graphic novel. The application of writing styles, script development and revision processes necessary for the creation of an individual graphic work and thorough examination of course material in terms of writing style, process considerations and written themes are the primary focus. Students create outlines, scripts and a final written work for a graphic novel, focusing on unity of style and techniques for authoring appropriate to story lines.

ENG 236 Writing the Film, 3 credit hours

Prerequisite: ENG 221 with a grade of C or better, or Instructor consent

Guides students in the development of a treatment, outline, and opening act for a feature film, script, focusing on specific script format, ideation, film genre conceptualization, plot structure and character development. Students complete a 30-minute spec script, as well as a full treatment and outline for a feature film.

HUM — HUMANITIES**HUM 175 1-6 credit hours**

Provides students with a vehicle to pursue an in-depth exploration of special topics of interest.

MAN — MANAGEMENT**MAN 128 Human Relations in Organizations , 3 credit hours**

Explores the importance of effective communication in our personal lives as well as in the world of business. Practical business applications such as employee motivation, handling customer complaints, and effectively resolving conflict in the workplace will be a major part of the curriculum.

POS — POLITICAL SCIENCE**POS 225 Comparative Government: GT-SS1, 3 credit hours**

Focuses on a comparison of the basic features of selected developed and developing countries. Topics include ideologies, political parties, interest groups, and governmental institutions.

PSY 231 Positive Psychology, 3 credit hours

Prerequisite: ENG 121 with a grade of C or better

Focuses on human strengths rather than the traditional view of psychology that tends to focus on the worst of human nature. This course is designed to explore strengths-based research, concepts of happiness, helpfulness, and resiliency. The research and theories about human nature will go beyond simply not being mentally ill as a form of mental health, which will include optimism, post-traumatic growth, and how to increase emotional, psychological and social functioning. Overall, this course will be focused on understanding one's own sense of life satisfaction and how to further improve well-being.

RTE — RADIOLOGIC SCIENCE**RTE 250 Mammography, 3 credit hours**

Introduces the fundamentals of mammography as required for ARRT mammography certification

RTE 291 Mammography Internship, 3 credit hours

Provides clinical experience for demonstrating and documenting clinical competencies required by the American Registry of Radiologic Technologist for application for registry examination.