

COMMUNITY COLLEGE OF DENVER

Addendum to the 2014-2015 Online and Printed Catalogs

Additions/changes in Yellow

This addendum is an integral part of the college's 2014-2015 Academic Catalog; the purpose of this document is to amend current information or include additional information. The information published herein is effective for the 2014-2015 school-year. If any of these changes impact a student's ability to graduate, please contact the dean for your area.

Changes to Financial Matters

FEE DESCRIPTIONS

Students at CCD's Auraria Campus pay set fees that cover a variety of services and programs. CCD satellite campuses pay all fees except the Auraria Bond Fee, Clean Energy Fee and RTD Bus Pass Fee.

Auraria Bond Fee (\$35.95 for 1-3 credits, \$49.75 for 4-6 credits, \$66.30 for 7-11 credits, \$75.99 for 12 credits or more): Auraria Campus students voted to approve a fee to pay off the bonds that funded construction on the Tivoli Student Union, Auraria Early Learning Center, campus health physical education and recreation facilities. Students at all three Auraria institutions pay this fee.

RTD Bus Pass Fee (\$77.00 per term): The Auraria Student RTD Pass covers fares for local bus service in the Denver-metro area, Light Rail and all Express or Express Regional services. With the pass, students get a \$3.75 discount on all Sky-Ride routes. The pass is for special services like the BroncosRide, RockiesRide, Access-a-Ride and Guaranteed Ride Home.

Student Activity Fee (\$6.20 per credit hour): This fee supports CCD Student Life staff and programs, including New Student Orientation and First Year Experience, CCD Student Government, Student Handbook publication, child care scholarships, lending library, food bank, recreational activities, student events, Tivoli Student Computer Lab, Gay, Lesbian, Bisexual and Transgender Student Services and the Phoenix Center at Auraria.

Auraria Higher Education Center Resource Library Fee (\$4.45 per credit hour): This fee supports Auraria Library functions. **Clean Energy Fee** (\$5.00 per term): This student approved fee is for purchasing clean, renewable, electrical power for the Auraria Campus.

Health Center Fee (\$24.00 per term)

Immunization Fee (\$2.00 per term)

Building/Renovation Fee (\$8.00 per credit hour): This fee supports the construction of the Student Learning & Success Building and the renovation of South Classroom Building.

All CCD students pay the following fees: **Registration Fee:** The Colorado Community College System charges a mandatory \$12.05 per semester registration fee to students at all 13 of its colleges. **Instructional Fees:** CCD charges a \$6.15 per credit hour instructional program fee for high- and medium-cost classes. Other fees and charges may apply.

Additional Fees: Please be aware that certain departments, majors or classes may assess specific fees in order to offset associated costs, such as textbook fees, lab fees or tool kit fees. These fees are subject to change. A current list of high/medium program fees is available.

Auraria Fees: Students are responsible for paying all Auraria fees prior to graduating. If a student neglects to pay Auraria fees (ex. parking or library fees), the student will be held liable for these fees past CCD graduation.

Changes to Legal Notices

FACTA NOTIFICATION TO STUDENTS

In accordance with the Fair and Accurate Credit Transactions Act (FACTA) of 2003, CCD adheres to the Federal Trade Commission's (FTC) Red Flag Rule (A Red Flag is any pattern, practice, or specific activity that indicates the possible existence of identity theft.), which implements Section 114 of the FACTA and to the Colorado Community College System's Identity Theft Prevention and Detection Program, which is intended to prevent, detect and mitigate identity theft in connection with establishing new covered accounts or an existing covered account held by the Colorado Community College System (System or CCCS) or one of its thirteen (13) community colleges, and to provide for continued administration of the Program. If a

transaction is deemed fraudulent, appropriate action will occur. Action may include, but is not limited to, cancelling of the transaction, notifying and cooperating with law enforcement, reporting to the Student Code of Conduct Office, and notifying the affected parties. For more information on FACTA, Red Flag Rules, and Identity Theft Consumer Information, please see the links provided below.

Federal Trade Commission Statute: <http://www.ftc.gov/os/statutes/fcradoc.pdf>

Red Flag Rules: <http://www.ftc.gov/bcp/edu/microsites/redflagsrule/index.shtml>

Identity Theft Consumer Information: <http://www.consumer.ftc.gov/features/feature-0014-identity-theft>

Changes to Academic Matters

REPEATING COURSES

All CCD college-level courses may be repeated twice at CCD. For most courses, once a student attempts to register for the same course a third time, they will be directed to an advisor and must be approved for registration. If a student is denied registration, the student does have the right to appeal through CCD's Repeat Appeals committee. A fourth repeat attempt will require an appeal, which must be approved by the Repeat Appeals committee.

Each grade received will be listed on the transcript. The transcript notation will follow the course indicating that the course was repeated and designating whether the course will be included in the GPA. The highest grade will be used in the GPA calculation. All credit hours earned for initial and repeated courses will be deducted from a student's remaining COF stipend eligible hours. Repeating a course may impact a student's financial aid eligibility. If the same grade is earned two or more times for a repeated course, the most recent instance of the duplicate grade will be included in the term and cumulative GPA. All other duplicate grades will be excluded from the term and cumulative GPA. The Repeat Policy does not apply to courses transferred to CCD.

Repeated courses may be applied only one time to a certificate or degree, except for variable credit courses and designated courses that may be repeated within program requirements. CCD will designate courses that may be repeated within program requirements. If both the initial and the repeated course were taken in Fall 2006 or after, the system should automatically remove the lower grade from the GPA. If either the initial or the repeated course (or both) were taken prior to Fall 2006, then the student must complete a "Petition for Repeat Courses" form and submit it to the Admissions, Registration and Records Office. If students do not see the repeated designation, they may submit a "Petition for Repeat Courses" form to Admissions, Registration and Records.

For Developmental Courses only:

The grading system for developmental courses changed beginning Fall 2006 and developmental grades are no longer included in the cumulative GPA calculation. However, if either the initial course or the repeated course (or both) were taken prior to Fall 2006, then the student must complete and submit a "Petition for Repeat Courses" form to the Admissions, Registration and Records Office in order for the developmental coursework to be reviewed.

GENERAL INFORMATION

Students may be contacted by automated dialing/texting.

Nothing in this Catalog is intended to create (nor shall be construed as creating) an expressed or implied contract. The College reserves the right to modify, change, delete, or add to, as it deems appropriate, the policies, procedures, and other general information in this Catalog.

New Programs and Plans of Study

CERTIFICATE IN ARCHITECTURAL TECHNOLOGIES

Architectural Technologies Architectural Computer Visualizations Certificate

This certificate focuses on the tools used by architectural offices to create computer visualizations of their designs. This certificate focuses on cutting edge computer graphics using Revit, SketchUp, 3D Studio Max and other visualization software to prepare the student in the creation of presentation renderings, animations and other computer visualizations. This certificate is intended for people who wish to add computer modeling and rendering skills to their skillset, and it assumes that the student has basic knowledge of the architectural profession.

Program Admission Requirements

1. Meet minimum assessment scores or prerequisites required for general education courses in the program.
2. Meet with Program Chair or Center Program Advisor. Call to make an appointment.

Requirements

CAD 115	Sketchup	3
CAD 217	Rhino	3
CAD 219	3DS Max	3
CAD 222	AUTODESK Navisworks.....	3
CAD 224	Revit Architecture.....	3
CAD 227	Advanced Revit Architecture.....	3
Total		18

ASSOCIATES OF ARTS DEGREE – GEOGRAPHY DESIGNATION

General Education Course Requirements: 32-33

Communication 6

ENG 121	English Composition I:.....	GT-CO1	3
ENG 122	English Composition II:	GT-CO2	3
	OR.....		
ENG 122	English Composition II:.....	GT-CO2	(3)
	AND		
	a GT-CO3 course.....	GT-CO3	

Mathematics* 3-4

MAT 121	College Algebra:.....	GT-MA1	4
	OR.....		
MAT 135	Introduction to Statistics:	GT-MA1	(3)

**For Adams State, students must take MAT 121*

Arts & Humanities 6

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

History..... 3

One guaranteed transfer History course(GT-HI1)

Social & Behavioral Sciences..... 6

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

Natural & Physical Sciences* 8

Two guaranteed transfer Natural & Physical Sciences coursesGT-SC1

**Note: No GEO-prefix science courses.*

GEY 111 (Physical Geology) not recommended

For Adams State, students must take BIO 111 (General College Biology I: GT-SC1) and

CHE 101 (Introduction to Chemistry I: GT-SC1)

Additional Required Courses 14

GEO 105	World Regional Geography:	GT-SS2	3
GEO 106	Human Geography (*not available at CCD):	GT-SS2	3
GEO 111	Physical Geography: Landforms w/Lab (*not available at CCD):.....	GT-SC1	4
GEO 112	Physical Geography: Weather & Climate (*not available at CCD):.....	GT-SC1	4

Electives* 13-14

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

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

EDU 221

ENV 101

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 120 and higher
- MUS – all courses
- PHI – all courses
- PHY – all courses
- POS – all courses
- PSY 101, 102, 205, 217, 226, 227, 235, 238, 240, 249, 265
- SCI 155, 156
- SOC – all courses
- SPA – all courses 111 and higher
- THE – all courses
- WST 200

Total.....60

NOTE: *Maximum of 6 credits may be in GEO or GIS prefix.

Number of elective credits may vary according to the receiving institution. Students are advised to contact an advisor at the receiving institution.

If, because course substitutions are not permitted, a student is not able to complete a transfer degree plan, the student should see a Program Advisor for guidance on completion of an Associate of Arts or Associate of Science degree.

ASSOCIATES OF ARTS DEGREE – PHILOSOPHY DESIGNATION

General Education Course Requirements:31

Communication6

ENG 121 English Composition I:.....GT-CO13

ENG 122 English Composition II:.....GT-CO23

OR.....

ENG 122 English Composition II:.....GT-CO2(3)

AND.....

a GT-CO3 course.....GT-CO3.....

Mathematics.....3

One guaranteed transfer Mathematics course.....GT-MA1.....

Arts & Humanities6

Two guaranteed transfer Arts & Humanities coursesGT-AH1 GT-AH2 GT-AH4

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 Sciences7

Two guaranteed transfer Natural & Physical Sciences courses.

One of these courses must have the required laboratory (GT-SC1).....GT-SC1

.....GT-SC2

Additional Required Courses.....15

PHI 111 Introduction to Philosophy:GT-AH33

PHI 112 Ethics:.....GT-AH33

PHI 113 Logic:GT-AH33

Choose two courses from the following:.....6

PHI 214 Philosophy of Religion:GT-AH3(3)

PHI 218 Environmental Ethics:.....GT-AH3(3)

PHI 220 Philosophy of Death and Dying:GT-AH3(3)

Note: If these credits are not required for the major at a receiving 4-year institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

Electives 14

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

- 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
- ENV 101
- 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
- WST – all courses

Total 60

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

If, because course substitutions are not permitted, a student is not able to complete a transfer degree plan, the student should see a Program Advisor for guidance on completion of an Associate of Arts or Associate of Science degree.

ASSOCIATE OF SCIENCE DEGREE – GEOLOGY DESIGNATION

General Education Course Requirements:	36
Communication	6
ENG 121 English Composition I:	GT-CO1 3
ENG 122 English Composition II:	GT-CO2 3
OR	
ENG 122 English Composition II:	GT-CO2 (3)
AND	
a GT-CO3 course	GT-CO3 3
Mathematics	5
MAT 201 Calculus I:	GT-MA1 5
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
Two guaranteed transfer Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS2, GT-SS3)	
Natural & Physical Sciences	10
CHE 111 General College Chemistry I with Lab: GT-SC1	5
CHE 112 General College Chemistry II with Lab: GT-SC1	5
Additional Required Courses	23
GEY 111 Physical Geology with Lab: GT-SC1	4
GEY 112 Historical Geology with Lab: GT-SC1	4
MAT 202 Calculus II:..... GT-MA1	5
PHY 211 Physics: Calculus-Based I with Lab: GT-SC1	5
PHY 212 Physics: Calculus-Based II with Lab: GT-SC1	5
Electives	1

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

- 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
- ECO – all courses
- EDU 221
- ENG – all courses 121 and higher
- ENV 101
- 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.

In addition to meeting the requirements listed here, contact the department at the school to which you want to transfer for program-specific information.

If these credits are not required for the major at the receiving 4-year institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

If, because course substitutions are not permitted, a student is not able to complete a transfer degree plan, the student should see a Program Advisor for guidance on completion of an Associate of Arts or Associate of Science degree.

CERTIFICATE IN OUTDOOR RECREATION

This certificate program teaches the foundational skills and knowledge necessary to pursue a career in the outdoor recreation industry. Through a combination of classroom and field-based credit hours, students experientially learn and apply relevant skills such as group and risk management, leadership, first aid, and environmental competencies. Students also gain technical skills in a chosen area of activity-based recreation, enabling competency and confidence as an outdoor leader.

Program Admission Requirements

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

Requirements

HWE 129	Wilderness First Responder.....	4
OUT 112	Mountain Orientation	2
OUT 131	Rock Climbing I.....	2
	(or an approved outdoor activity-based course)	
	OR	
OUT 145	Introduction to Winter Sports	(1)
	AND	
OUT 168	Avalanche Awareness Level I.....	(1)
OUT 135	Risk Management for Outdoor Professionals.....	1
PRA 218	Outdoor Leadership.....	3
REC 101	Recreation-Principles and Practice.....	3
REC 210	Principles of Outdoor Recreation.....	3
Subtotal	18
Choose one of the following courses:	3-4
ENV 101	Environmental Science with Lab:..... GT-SC1	4
GEY 111	Physical Geology with Lab:	4
PHI 218	Environmental Ethics:..... GT-AH3	3
PSY 235	Human Growth and Development:..... GT-SS3	3
SOC 207	Environmental Sociology:..... GT-SS3	3
Total	21-22

Changes to Programs and Plans of Study

DENTAL HYGIENE ASSOCIATE OF APPLIED SCIENCE

Delete DEH 134 Advanced Clinical Skills.
Update Total Credits to 65.

ELECTRONEURODIAGNOSTIC TECHNOLOGY ASSOCIATE OF APPLIED SCIENCE

**Note: The elevated cost of allied health education programs requires a minimum student enrollment. Beginning in 2015, insufficient student interest and enrollment may prohibit the program from being offered.*

INTEGRATED NURSING PATHWAY

The Arts and Humanities electives were updated to:
Arts and Humanities: Select one from the list below:

ART 110	Art Appreciation:
ART 111	Art History - Ancient to Medieval:
ART 112	Art History - Renaissance to Modern:
ART 207	Art History - 1900 to Present:
HUM 115	World Mythology:
HUM 121	Early Civilizations:
HUM 122	Medieval to Modern:
HUM 123	Modern World:
HUM 220	The Cultural History of Rock and Roll
LIT 115	Introduction to Literature:
LIT 126	Study of Poetry
LIT 201	World Literature to 1600:
LIT 202	World Literature After 1600:
LIT 205	Ethnic Literature:
LIT 211	American Literature to Civil War:
LIT 212	American Literature After Civil War:
LIT 225	Introduction to Shakespeare:
LIT 235	Science Fiction
LIT 246	Literature of Women

LIT 255	Children's Literature
LIT 259	Survey of African American Literature:
LIT 267	The Bible as Literature
MUS 120	Music Appreciation:
MUS 121	Music History Medieval through Classical Period:
MUS 122	Music History Early Romantic Period to Present:
THE 105	Theatre Appreciation:
THE 211	Development of Theatre Greek to Renaissance:
THE 212	Development of Theatre Restoration to Modern:

MULTI-MEDIA JOURNALISM CERTIFICATE

JOU 251 is an acceptable elective for this certificate.

PARALEGAL AAS DEGREE

Any Guaranteed Transfer HI1 course may be taken in lieu of the SS1, SS2, or SS3 Social and Behavioral Sciences requirement.

POLITICAL SCIENCE ASSOCIATE OF ARTS DEGREE WITH DESIGNATION

ASL (American Sign Language) courses 121 or higher are an acceptable elective for this degree.

Program Corrections

ASSOCIATE OF ARTS FRENCH DEGREE WITH DESIGNATION

Change acceptable ANT electives to 101 and 107.

ASSOCIATE OF SCIENCE MATHEMATICS DEGREE WITH DESIGNATION

Change acceptable EDU elective to 221.

Course Corrections/Changes

BTE – BUSINESS TECHNOLOGY COURSES

BTE 120 Introduction to Business Technology

3 credit hours

Comprehend and apply instruction on the technologies used in business offices, and utilize software to enhance productivity.

BUS – BUSINESS ADMINISTRATION COURSES

BUS 175 Special Topics in Business

1-3 credit hours

Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as needed basis to provide current, up-to-date information. The content of this course will change from year to year.

CAD – COMPUTER ASSISTED DESIGN COURSES

CAD 115 Sketchup

3 credit hours

Focuses on the understanding of basic concepts of the software program SketchUp. Students will learn how to draw and extrude building shapes, stairs, roofs, and interiors utilizing advanced modeling techniques.

CAD 219 3DS Max

3 credit hours

Prerequisite: CAD 224 with a grade of C or better or chair permission

Introduces 3D model creation and editing, rendering and animation using the AutoDesk 3DS Max software. Focuses on 3D geometry, texture mapping, lighting, camera placement, shading, photo-realistic rendering, animation techniques, and walk through animations.

CCR – COLLEGE COMPOSITION AND READING COURSES

CCR 092 Composition & Reading

5 credit hours

Prerequisite: ENG 030, ESL 043, ESL 052, or REA 030 with a grade of C or better; or English Assessment score of 50-69 and/or Reading Assessment Score of 40-61

Integrates and contextualizes college level reading and writing. Students will read and understand complex materials and respond to ideas and information through writing informative and/or persuasive texts.

All changes are shaded yellow.

CCR 093 Studio D

3 credit hours

Prerequisite: CCR 092, ENG 060, ESL 053 or REA 060 with a grade of C or better; or English Assessment score of 70-94 and/or Reading Assessment score of 62-79

Integrates and contextualizes reading and writing strategies tailored to a corequisite 100-level course within one or more of the four discipline strands. The four discipline strands are defined as: Communication, Science, Social Science, and Arts and Humanities. Non-GT courses are not eligible for this consideration. Students will read and understand complex discipline-specific materials, and respond to ideas and information through writing informative and/or persuasive texts.

CCR 094 Studio 121

3 credit hours

Prerequisite: CCR 092, ENG 060, ESL 053 or REA 060 with a grade of C or better; or English Assessment score of 70-94 and/or Reading Assessment score of 62-79

Corequisite: ENG 121

Integrates and contextualizes reading and writing strategies tailored to corequisite ENG 121 coursework. Students will read and understand complex materials, and respond to ideas and information through writing informative and/or persuasive texts.

ECE – EARLY CHILDHOOD EDUCATION COURSES

ECE 238 Child Growth and Development

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090 and REA 090; or English assessment score of 95 or better and/or Reading assessment score of 80 or better; and ECE 101 and ECE 102 or ECE 103 with a grade of C or better

Corequisite: ECE 236

Covers the growth and development of the child from conception through the elementary school years. Emphasizes physical, cognitive, language, social and emotional domains and the concept of the whole child as well as how adults can provide a supportive environment through teaming and collaboration.

NOTE: This course has an early childhood laboratory component.

ECE 260 Exceptional Child

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090 and REA 090; or English assessment score of 95 or better and/or Reading assessment score of 80 or better; and ECE 238 with a grade of C or better

Presents an overview of critical elements related to educating young children with disabilities in the early childhood setting. Topics include the following: typical and atypical development, legal requirements, research based practices related to inclusion, teaming and collaboration, and accommodations and adaptations. Student will learn how a disability will impact a young child's learning process. Focus of the course is on birth through age 8.

EGT – ENGINEERING GRAPHICS COURSES

EGT 103 Applied Dimension & Tolerance

3 credit hours

Focuses on industrial dimensioning practices, enables the student to develop skills in dimensioning techniques and learn to apply the ASME Y14.5 dimensioning standard.

END – ELECTRONEURODIAGNOSTICS COURSES

END 115 Patient Care and Safety

1-3 credit hours

Prerequisite: Math assessment score of 85 or better, English assessment score of 95 or better, and Reading assessment score of 80 or better

Corequisite: END 280

Develop the knowledge necessary to provide safe, ethical, culturally sensitive patient care and communication skills.

END 280 Clinical Internship I

5 credit hours

Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor.

END 281 Clinical Internship II

5 credit hours

Emphasizes electroencephalographic (EEG) testing at clinical sites and includes history taking, electrode application, and recording. Emphasis will be placed on development of basic techniques and interpersonal skills.

END 282 Clinical Internship III

5 credit hours

Emphasizes evoked potential testing (EP) at clinical sites and includes evoked potential testing (EP) in the somatosensory, visual and auditory modalities. Emphasis will be placed on the observation and performance of other more specialized neurodiagnostic procedures such as intraoperative monitoring.

ESL – ENGLISH AS A SECOND LANGUAGE COURSES

ESL 071 *Basic Language Skills*

9 credit hours

Prerequisite: LOEP Listening assessment score of 35-49, and LOEP Reading assessment score of 25-45, and LOEP Grammar assessment score of 16-30; or chair permission

Develops and strengthens the reading, writing, listening, speaking and grammar production skills of non-native English speakers whose assessment scores reflect a readiness to **benefit from basic-level ESL courses**.

ESL 072 *Intermediate Language Skills*

9 credit hours

Prerequisite: ESL 021, ESL 041 or ESL 071 with a grade of C or better; or LOEP Reading assessment score of 46-70 and LOEP Grammar assessment score of 31-45 and LOEP Listening assessment score of 50-69; or chair permission

Provides intermediate and high-intermediate English language students with intensive instruction and practice in reading, writing and speaking English. Teaches intermediate and advanced-level grammar concepts. Prepares students for further academic and vocational study.

GEO – GEOGRAPHY COURSES

GEO 105 World Regional Geography: GT-SS2

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090 or English assessment score of 95 or better

Examines the spatial distribution of environmental and societal phenomena in the world's regions; environmental phenomena may include topography, climate, and natural resources; societal phenomena may include patterns of population and settlement, religion, ethnicity, language, and economic development. Analyzes the characteristics that define world regions and distinguish them from each other. Examines the relationships between physical environments and human societies. Examines globalization, emphasizing the geopolitical and economic relationships between more developed and less developed regions. This course is one of the Statewide Guaranteed Transfer courses. GT-SS2

HIS – HISTORY COURSES

HIS 203 Civil War Era in American History: GT-HI1

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090; or English assessment score of 95 or better, or equivalent ACT/SAT scores

Explores the causes, course, and consequences of the American Civil War, from the Colonial period to the 21st Century, in order to understand the multiple meanings of a transforming event in American history. Students will explore the meanings of the war as defined in many ways: national, sectional, racial, gender, constitutional, individual, social, intellectual, or moral. Students will closely examine four broad themes: the crisis of union and disunion in an expanding republic; slavery, race, and emancipation as national problem, personal experience, and social process; the experience of modern, total war for individuals and society; and the political and social challenges of Reconstruction.

HIS 259 Modern Middle East: GT-HI1

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090; or English assessment score of 95 or better, or equivalent ACT/SAT scores

Explores the political, economic, social and cultural development of the Middle East from the late Ottoman Empire to the present. Focuses upon the influences of Islam and Western ideas, diplomacy, and economic involvement upon institutions and ideas of modern Middle Eastern society, while exploring the perspectives of gender, class, race, and ethnicity. Also focuses upon developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.

MAN – MANAGEMENT COURSES

MAN 225 Managerial Finance

3 credit hours

Prerequisite: BUS 115 with a grade of C or better

Examines the concepts and techniques used to analyze financial accounting information for managerial planning, decision making and control. The focus of the course is on decision-making relating to the areas of budgets, forecasts, cost volume production, ROI and financial statements.

MAT – MATHEMATICS COURSES

MAT 025 Algebraic Literacy Lab

1 credit hour

Prerequisite: Grade of C or better in MAT 050, MAT 070, MAT 071, or MAT 090; or EA score of 45-84

Corequisite: MAT 055

Supports skill development for students registered in MAT 055 Algebraic Literacy. Topics covered in this course include those defined in MAT 055 and/or any prerequisite skills needed by the student. For students with Accuplacer score EA 45-59, this course is a required corequisite with MAT 055 Algebraic Literacy.

MAT 050 Quantitative Literacy

4 credit hours

Prerequisite: Grade of C or better in MAT 030 or MAT 045; or Math assessment score of EA 30-59 or AR 40 or better

Develops number sense and critical thinking strategies, introduce algebraic thinking, and connect mathematics to real world applications. Topics in the course include ratios, proportions, percents, measurement, linear relationships, properties of exponents, polynomials, factoring, and math learning strategies. This course prepares students for Math for Liberal Arts, Statistics, Integrated Math, and college level career math courses.

MAT 055 Algebraic Literacy

4 credit hours

Prerequisite: Grade of C or better in MAT 050, MAT 070, MAT 071, or MAT 090; or EA 60-84

Students with EA 45-84 may be advised into MAT 055 but must co-enroll in MAT 025.

Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies. This course prepares students for College Algebra and Finite Math.

MUS – MUSIC COURSES

MUS 141 Private Instruction I (Cello, Composition, Conducting, Guitar/Bass, Piano, Songwriting, viola, Violin, voice, Woodwinds)

1-2 credit hours

Prerequisite: MUS 100 with a grade of C or better, or instructor permission

This course is for music majors planning to transfer to 4 year school. Offers an average of sixty minutes of private instruction per week. Regular attendance and participation in student performances is required. First year, first term.

MUS 142 Private Instruction II (Cello, Composition, Conducting, Guitar/Bass, Piano, Songwriting, viola, Violin, voice, Woodwinds)

1-2 credit hours

Prerequisite: MUS 141 with a grade of C or better, or instructor permission

This course is for music majors planning to transfer to 4 year school. Offers an average of sixty minutes of private instruction per week. Regular attendance and participation in student performances is required. First year, second term.

MUS 241 Private Instruction III: (Cello, Composition, Conducting, Guitar/Bass, Piano, Songwriting, viola, Violin, voice, Woodwinds)

1-2 credit hours

Prerequisite: MUS 142 with a grade of C or better, or instructor permission

This course is for music majors planning to transfer to 4 year school. Offers private instruction consisting of sixty minutes per week. Regular attendance and participation in student performances is required. Second year, first term.

MUS 242 Private Instruction IV (Cello, Composition, Conducting, Guitar/Bass, Piano, Songwriting, viola, Violin, voice, Woodwinds)

1-2 credit hours

Prerequisite: MUS 241 with a grade of C or better, or instructor permission

This course is for music majors planning to transfer to 4 year school. Offers private instruction consisting of sixty minutes per week. Regular attendance and participation in student performances is required. Second year, third term.

POS – POLITICAL SCIENCE COURSES

POS 205 International Relations

3 credit hours

Prerequisite: ENG 121 with a grade of C or better or instructor permission

Examines relationships among modern nation states. Topics include diplomacy, nationalism, ideologies, power and influence, conflict and cooperation, the role of non-state actors, the international economy, and theoretical attempts to understand international behavior. This course is one of the Statewide Guaranteed Transfer courses. GT-SS1

RTE – RADIOLOGIC TECHNOLOGY COURSES

RTE 231 Radiation Biology/Protection

2 credit hours

Prerequisite: RTE 111, RTE 121, RTE 122, RTE 131, RTE 141, RTE 142, RTE 181, RTE 182, and RTE 183 with a grade of C or better

Corequisite: RTE 221 and RTE 281

Provides the basic knowledge and understanding of the biologic effects of ionizing radiation and radiation protection and safety.

VET – VETERINARY TECHNOLOGY COURSES

VET 206 Veterinary Anatomy and Physiology II

4 credit hours

Prerequisite: VET 108, VET 116 and VET 205 with a grade of C or better

Provides additional detail in anatomy and physiology of companion and farm animal species. The class covers interrelationships between body systems including respiratory, cardiovascular, urogenital, and reproductive. Additional topics include metabolism and digestion, acid/base balance, neuroendocrinology, and reproductive endocrinology. Applied laboratory experiences are included.

New Courses – Beginning Fall 2014

“999” courses in all Subject prefixes denote inter-institutional courses. See Academic Terms for more information.

ACC – ACCOUNTING COURSES

ACC 125 Computerized Accounting

3 credit hours

Prerequisite: ACC 101 or ACC 121 with a grade of C or better

Introduces the capabilities of computer applications in accounting. Includes solving accounting problems of a financial nature and hardware and software controls.

AEC – ARCHITECTURE/ENGINEERING/CONSTRUCTION COURSES

AEC 175 Special Topics

2-12 credit hours

Prerequisite: Chair permission

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

AEC 275 Special Topics

3-6 credit hours

Prerequisite: Chair permission

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

ANT – ANTHROPOLOGY COURSES

ANT 175 Special Topics

1-12 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090; or English assessment score of 95 or better, or equivalent

ACT/SAT scores

Studies human cultural patterns and learned behavior. Includes linguistics, social and political organization, religion, culture and personality, culture change, and applied anthropology.

BIO – BIOLOGY COURSES

BIO 103 Principles of Animal Biology: GT-SC2

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090 and REA 090; and grade of C or better in MAT 090 or MAT 050; or English assessment score of 95 or better and/or Reading assessment score of 80 or better; and Math assessment score of 60 or better

Introduces the student to the study of animals from the cellular level to the interactions of the organism within its environment, and their ecological contributions. This course includes principles of evolution, animal ecology, animal architecture, taxonomy, and phylogeny. It also includes the study of animal diversity, emphasizing the characteristics and classifications of animal phyla and major classes. This course is one of the Statewide Guaranteed Transfer courses. GT-SC2.

BTE – BUSINESS TECHNOLOGY COURSES

BTE 257 Managing Office Technology

3 credit hours

Utilizes integrated software applications to research, explore, and report on current concepts of the cooperative computing environment and how office productivity is affected by modern technology.

CAD – COMPUTER ASSISTED DESIGN COURSES

CAD 217 Rhino

3 credit hours

Prerequisite: CAD 224 with a grade of C or better or chair permission

Introduces the Rhino modeling platform, systems and plug-ins and creation and modification of 3-D objects and scenes. Focuses on NURBS systems, Rhino plug-ins such as Grasshopper, and Rhino workflow processes. Examines how Rhino is used in various industries. Prepares students to create physical models and renderings using Rhino.

CAD 262 3D Printing/Additive Manufacturing

3 credit hours

Prerequisite: CAD 240 with a grade of C or better

Provides the student with the ability to blend the virtual and real design worlds together through the use of 3D Scanning, 3D CAD Modeling, and 3D Printing.

CHE – CHEMISTRY COURSES

CHE 175 Special Topics

1-12 credit hours

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

CHW – COMMUNITY HEALTH WORKER COURSES

CHW 175 Special Topics

1-12 credit hours

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

CSC – COMPUTER SCIENCE COURSES

CSC 175 Special Topics

2-12 credit hours

Prerequisite: Instructor permission

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

ECO – ECONOMICS COURSES

ECO 175 Special Topics

2-12 credit hours

Prerequisite: Chair permission

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

EGG – ENGINEERING COURSES

EGG 175 Special Topics

1-12 credit hours

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

END – ELECTRONEURODIAGNOSTICS COURSES

END 202 EEG Record Review Basics

3-4 credit hours

Prerequisite: END 102 with a grade of C or better

Defines, classifies and differentiates normal and abnormal electroencephalographic (EEG) patterns by integrating knowledge of neuroanatomy and physiology with EEG recordings.

ENV – ENVIRONMENTAL SCIENCE COURSES

ENV 275 Special Topics

1-12 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090 and REA 090; and Grade of C or better in MAT 090 or MAT 050; or English assessment score of 95 or better and/or Reading assessment score of 80 or better; and Math assessment score of 60 or better

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

GEO – GEOGRAPHY COURSES

GEO 175 Special Topics

2-12 credit hours

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

HIS – HISTORY COURSES

HIS 250 African American History: GT – HI1

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090; or English assessment score of 95 or better, or equivalent ACT/SAT scores

Explores the experiences and contributions of African Americans from the colonial period to the present. Emphasizes the social and economic lives and roles of African Americans, their roles in politics and war, their achievements, and movements for self-help and civil rights. This course is one of the Statewide Guaranteed Transfer courses. GT-HI1

HIS 259 Modern Middle East

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090; or English assessment score of 95 or better, or equivalent ACT/SAT scores

Explores the political, economic, social and cultural development of the Middle East from the late Ottoman Empire to the present. Focuses upon the influences of Islam and Western ideas, diplomacy, and economic involvement upon institutions and ideas of modern Middle Eastern society, while exploring the perspectives of gender, class, race, and ethnicity. Also focuses upon developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.

HWE – HEALTH & WELLNESS COURSES

HWE 175 Special Topics

1-12 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090 and REA 090; and Grade of C or better in MAT 060; or English assessment score of 95 or better and/or Reading assessment score of 80 or better; and Math assessment score of 45(EA) or better

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

HWE 129 Wilderness First Responder

4 credit hours

Provides the student with those skills and emergency medical care techniques used by guides, trip leaders and others providing primary care in backcountry setting. The student will be able to respond correctly to those medical and trauma situations commonly encountered when entry into the EMS system is delayed or unlikely.

MAN – MANAGEMENT COURSES

MAN 175 Special Topics

2-12 credit hours

Prerequisite: Chair permission

Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as needed basis to provide current, up-to-date information.

MOT – MEDICAL OFFICE TECHNOLOGY COURSES

MOT 209 Introduction to ICD-9 Coding

2 credit hours

Covers how to use the ICD-9-CM coding system for insurance claims. The course will introduce student to using the HCFA 1500 form generated from the physician's office.

MTE – MANUFACTURING TECHNOLOGY COURSES

MTE 276 Special Topics

3-6 credit hours

Prerequisite: Chair permission

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

NUA – NURSE AIDE COURSES

NUA 102 Certification Exam Prep

.5 credit hours

Prerequisite: Grade of C or better in NUA 101 and NUA 170

Helps prepare the student for the state certification exam through mock testing.

NUA 171

.25-6 credit hours

Prerequisite: Grade of C or better in NUA 101 and NUA 170

Prepare the student to move toward more independent functioning within the nurse aide scope of practice, in applying knowledge and skills gained in NUA 101 and NUA 170. The student will learn skills that enhance communication, cultural competency, end of life care, critical thinking and organizational skills.

OUT – OUTDOOR STUDIES COURSES

OUT 112 Mountain Orientation

2 credit hours

A concentrated field experience in the Colorado mountain environment is provided in this course. Emphasis is on backpacking skills, safety procedures, ecology, geology, geography and group dynamics.

OUT 131 Rock Climbing I

2 credit hours

Introduces basic rock climbing, improving dexterity, problem solving skills and the physical work capacity of an individual. Enables the student to gain an understanding of the general principles of climbing; how equipment works and how it is used; basic climbing skills and techniques; safety and climbing etiquette and terminology.

OUT 135 Risk Management for Outdoor Professionals

1 credit hour

Introduces risk management in the outdoor environment. Students will gain a better understanding of the inherent risks associated with various outdoor activities. They will learn how to analyze and minimize those risks, how to establish emergency protocols to react to those risks, and how to take the proper steps to resolve the consequences from those risks. After learning to identify, assess and reduce the risk, students will write a risk management plan specific to their area of interest. This course will cover outdoor leadership skills and delve into backcountry emergency situations and scenarios.

OUT 145 Introduction to Winter Sports

1 credit hour

Corequisite: OUT 168 or chair permission

Provides an overview of at least two of the following winter sports: alpine skiing, snowboarding, ice skating, telemark skiing, nordic skiing, snowshoeing, or skate skiing. Enables the student to gain the knowledge and techniques necessary for winter sports on beginner to intermediate groomed or backcountry terrain. Incorporates multiple field trips to ski areas or other outdoor venues.

OUT 168 Avalanche Awareness Level I

1 credit hour

Corequisite: OUT 145 or chair permission

Emphasizes the latest information available about the study of avalanches, snow science, rescue equipment, and rescue techniques. Provides students with the knowledge and skills necessary to help instill good judgment and sound skills when making day-to-day travel decisions in the winter environment. This course fulfills the National Ski Patrol's Basic (Level 1) Avalanche course requirements.

PED – PHYSICAL EDUCATION COURSES

PED 175 Special Topics

1-12 credit hours

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

PHI – PHILOSOPHY COURSES

PHI 220 Philosophy of Death and Dying: GT-AH3

3 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090; or English assessment score of 95 or better, or equivalent ACT/SAT scores

Explores the major philosophical questions surrounding death and dying: the metaphysical arguments for and against the existence of a soul and life after bodily death, the epistemological assessment of arguments for the soul and life after death, the ethical justifications taken on positions such as rational suicide and physician assisted suicide, as well as a focus on philosophy's existentialist contribution to questions about the meaning of life and the meaning of death. This course is one of the Statewide Guaranteed Transfer courses. GT-AH3

PHY – PHYSICS COURSES

PHY 175 Special Topics

1-12 credit hours

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

POS – POLITICAL SCIENCE COURSES

POS 175 Special Topics

2-12 credit hours

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

PRA – PARK RANGER COURSES

PRA 218 Outdoor Leadership

3 credit hours

Enables the student to develop, acquire and apply outdoor leadership skills and knowledge. Exposes students to the latest information, philosophy, and techniques necessary to safely conduct outdoor programs and expeditions as an outdoor leader. Skills are applied under actual field conditions. Emphasizes minimum impact camping, wilderness ecology, judgment, decision making, group dynamics, and trip logistics. These skills enhance the effectiveness of the student as a professional outdoor leader.

PSY – PSYCHOLOGY COURSES

PSY 175 Special Topics

1-12 credit hours

Prerequisite: Grade of C or better in CCR 092, CCR 093, or ENG 090; or English assessment score of 95 or better, or equivalent ACT/SAT scores.

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

REC – RECREATION COURSES

REC 101 Recreation – Principles & Practice

3 credit hours

Examines the structure and economics of recreation in the United States as well as the inter-relationships between private, public and volunteer recreation groups. Introduces the history, philosophy and theories of recreation as well as career opportunities and professionalism in recreation.

REC 210 Principles of Outdoor Recreation

3 credit hours

Prerequisite: REC 101 with a grade of C or better or chair permission

Includes lecture and practical outdoor experience relating to problems and trends in outdoor recreation.

SPA – SPANISH COURSES

SPA 175 Special Topics

1-12 credit hours

Prerequisite: Grade of C or better in CCR 092, or ENG 060 and REA 060; or English assessment score of 70 or better and Reading assessment score of 62 or better; or chair permission.

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

WST – WOMEN'S STUDIES COURSES

WST 275 Special Topics

1-12 credit hours

Prerequisite: ENG 121 with a grade of C or better

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