

## 2017-2018 Addendum and Catalog Updates

Updated 12/14/17

The purpose of this addendum is to indicate where Red Rocks Community College has amended current information or added additional information to the college catalog. The information published herein is effective for the 2017-2018 Catalog (Summer 2017, Fall 2017, and Spring 2018). If any of these changes impact your ability to graduate, please contact the dean for your area of study.

Page numbers listed refer to the printed catalog.

## TUITION RATES AND FEES SECTION

### Changes/Updates to Resident Tuition Rates (Excluding Fees) Page 19

Effective for fall 2017 and spring and summer 2018 semesters. Added to addendum 7/24/17.

<b>Resident Tuition Rates</b>	<b>Tuition Per Credit Hour</b>	<b>*COF Stipend Per Credit Hour</b>	<b>Total Tuition Per Credit Hour</b>
<b>On-Campus Classes</b>	\$221.55	-\$77.00	\$144.55
<b>Online Classes</b>	\$332.50	-\$77.00	\$255.50
<b>Nursing Classes</b>	\$294.45	-\$77.00	\$217.45
<b>Online Nursing Classes</b>	\$405.40	-\$77.00	\$328.40
<b>Bachelors of Applied Science in Water Quality Management (BAS)</b>	\$319.85	-\$77.00	\$242.85
<b>Master's of Physician Assistant Studies (MPAS)</b>	\$543.80	no deduction	\$543.80

### Changes/Updates to Non-Resident Tuition Rates (Excluding Fees) Page 19

Effective for fall 2017 and spring and summer 2018 semesters. Added to addendum 7/24/17.

<b>Non-Resident Tuition Rates</b>	<b>Tuition Per Credit Hour</b>
<b>On-Campus Classes</b>	\$593.10
<b>Online Classes</b>	\$389.55
<b>Nursing Classes</b>	\$606.70
<b>Online Nursing Classes</b>	\$463.50
<b>Bachelors of Applied Science in Water Quality Management</b>	\$593.10
<b>Master's of Physician Assistant Studies (MPAS)</b>	\$598.20
<b>Western Undergraduate Exchange (WUE/WICHE) On-Campus Classes</b>	\$216.85
<b>Western Undergraduate Exchange (WUE/WICHE) Online Classes</b>	\$389.55

Note: WUE/WICHE rates are not available for the Physician Assistant Program. <http://wiche.edu/wue>

### Changes/Updates to Student Fees Page 20

Effective for fall 2017 and spring and summer 2018 semesters. Added to addendum 7/24/17.

**Registration fee:** \$13.30 each semester.

**Student fees:** \$9.85 per credit hour include: Student Activity fee \$5.96, Student Center Bond fee \$2.50, Parking fee \$1.39. *Note: Student fees apply to the first 12 credit hours only.*

**Student Health & Counseling Center fee:** \$21.89 (spring and fall semesters), \$10.94 (summer semester).

**Student Recreation Center Bond fee:** \$70.00 (spring and fall semesters), \$42.00 (summer semester). *Note: The bond fee funds are to pay the bonds used for constructing the building; operating fee will pay for the operation and maintenance of the center.*

**Student Recreation Center Operating fee:** \$46.17 (spring and fall semesters), \$27.70 (summer semester).

**Instructional Course fee:** \$6.95 per credit hour for designated courses.

**Cisco fee:** \$19.45 per credit hour for designated courses.

**CCOnline Digital Fees:**

Digital Textbook Fee (DIG1) - eBooks \$54.80

Digital Textbook Fee (DIG2) - eBooks & Digital Media \$68.30

Digital Textbook Fee (DIG3) - QuickBooks \$74.25

Digital Textbook Fee (DIG4) - Microsoft Virtual Lab \$70.00

**CCOnline Labkit fees** per class per term for specified classes range from \$125 to \$292 - flat fee

**Late fee:** After the due date listed in the academic calendar, regardless of when the class starts, outstanding accounts are subject to a \$40.00 initial late fee and a reoccurring \$10.00 monthly late fee.

## **DWD Degrees (AA and AS Degrees With Designation) SECTION**

### **Changes/Updates to DWD Program Requirements Page 52**

*Effective starting summer 2017 semester. Added to addendum 4/3/17.*

**Second paragraph, beginning of second sentence was updated to read:**

Grades of a C or higher are required for all coursework to guarantee that you can transfer, upon admission, to specific Colorado public four-year colleges or universities with the appropriate 60 transferable credits.

**Last bullet item was added to read:**

All coursework must be completed with a C or higher to transfer.

*Effective starting fall 2017 semester. Added to addendum 12/13/17.*

**ART History Degree with Designation**

This degree was removed from the catalog as it is no longer offered.

## **ACADEMIC PROGRAMS AND AREAS OF STUDY SECTION**

### **Changes/Updates to Art Page 75**

*Effective starting fall 2017 semester. Added to addendum 12/13/17.*

**ART History Degree with Designation**

This degree was removed from the catalog as it is no longer offered.

### **Changes/Updates to Automotive Service Technology Page 78**

*Effective starting summer 2017 semester. Added to addendum 5/3/17.*

**Auto Service Technician Certificate**

The required course ASE 221 was removed and replaced with ASE 251. The total credits are now 20 credits.

**Master Auto Service Technician Certificate**

The required course ASE 251 was removed and replaced with ASE 221. The total credits are now 23 credits.

**Automotive Service Technology AAS Degree**

The required course ASE 265 was changed from 5 credits to 4 credits. ENG 131 was added as the preferred GenEd English requirement.

**Changes/Updates to Computer Information Systems Page 82**

*Effective starting summer 2017 semester. Added to addendum 5/3/17.*

**Computer Support Technician AAS Degree**

The required course THE 118 was removed.

**Cyber Security Specialist AAS Degree**

The required course THE 118 was removed.

**Network Specialist AAS Degree**

The required course THE 118 was removed.

**Changes/Updates to Culinary Arts Page 90**

*Effective starting summer 2017 semester. Added to addendum 5/3/17.*

**Culinary Arts AAS Degree**

The sentence for GenEd requirements was changed to "3 Courses from any two of the following three areas (100 or higher):".

**Changes/Updates to Fine Woodworking Page 103**

*Effective starting summer 2017 semester. Added to addendum 5/16/17.*

**Woodworking Intensive Certificate**

This certificate was removed from the Fine Woodworking program and is no longer offered.

**Fine Woodworking AAS Degree, Furniture Maker Certificate, Post-Degree Craftsman Certificate, and Fine Furniture Craftsman Certificate**

FIW 260 and FIW 261 courses were removed from required courses list.

**Certificates Added:**

*Effective starting summer 2017 semester. Added to addendum 4/28/17.*

The following certificates were added to the Fine Woodworking program:

**Advanced Woodturner Certificate**

This certificate is designed for those desiring to achieve proficiency in wood turning. Those who successfully complete this certificate are seeking to begin or have already begun their own woodturning or craft-based businesses.

<b>Required Courses</b>		<b>Credits</b>
FIW 104	Elements of Design	2
FIW 118	Introduction to Turning	3
FIW 119	Intermediate Turning I	3
FIW 120	Intermediate Turning II	3
FIW 121	Advanced Turning	3
FIW 122	Woodcarving	3
<b>Total Credits</b>		<b>17</b>

**Lutherie Artisan Certificate**

As you progress through our rapidly growing lutherie program, you may seek employment within the musical instrument repair and construction business or become an entrepreneur within this field of woodworking. You should plan to take your electives under the

luthier program with special topic classes focused on your field of study. This certificate is designed to validate your experience in this field.

<b>Required Courses</b>		<b>Credits</b>
FIW 101	Introduction to Woodworking (FIW 100 and Fundamentals of Woodworking II can be substituted)	6
FIW 102	Classical Guitar Construction	6
FIW 103	Steel String Guitar Construction ( <i>Other instrument building classes may be substituted for FIW 102 or FIW 103</i> )	6
FIW 131	Electric Guitar Construction	6
FIW 105	Guitar Setup & Repair	3
FIW 175	Special Topic: Advanced Instrument Finishing	3
FIW 126	French Polish	1
<b>Total Credits</b>		<b>31</b>

#### **Lutherie Fundamentals Certificate**

<b>Required Courses</b>		<b>Credits</b>
FIW 101	Introduction to Woodworking (FIW 100 and Fundamentals of Woodworking II can be substituted)	6
FIW 102	Classical Guitar Construction or FIW 103 Steel String Guitar Construction or FIW 131 Electric Guitar Construction	6
<b>Total Credits</b>		<b>12</b>

#### **Lutherie Technician Certificate**

This certificate is designed for those currently employed or seeking employment as a repair and setup technician. It is well suited for luthiers, entrepreneurs, and even music store owners.

<b>Required Courses</b>		<b>Credits</b>
FIW 105	Guitar Setup and Repair	3
FIW 175	Special Topic: Advanced Instrument Finishing and Setup	3
<b>Total Credits</b>		<b>6</b>

*Effective starting fall 2017 semester. Added to addendum 9/5/17.*

#### **Post-Degree Craftsman Certificate**

This certificate was removed from the catalog as it is no longer offered.

#### **Contemporary Furniture Craftsman**

This certificate was removed from the catalog as it is no longer offered.

*Effective starting spring 2018 semester. Added to addendum 11/9/17.*

#### **Lutherie Artisan Certificate**

The course **FIW 126 French Polish** has been removed from the requirements. Total credits for the certificate are now 30.

## **Changes/Updates to Holistic Health Page 108**

*Effective starting fall 2017 semester. Added to addendum 8/9/17.*

#### **Massage Therapy Certificate**

This certificate was removed from the catalog as it is no longer offered.

## Changes/Updates to Park Ranger Technology Page 122

Effective starting summer 2017 semester. Added to addendum 5/4/17.

### Park Ranger Specialist Certificate

The Park Ranger Specialist certificate was removed from the catalog pending state and financial aid approval.

### Park Ranger Technology AAS Degree

The Park Ranger Technology AAS degree was removed from the catalog pending state and financial aid approval.

## Changes/Updates to Precision Machining Technology Page 127

Effective starting summer 2017 semester. Added to addendum 3/22/17.

### Metrology Quality Control Certificate

The letter "d" was added to the word Advance on the MAC 266 course title and level "II" was also added.

### Swiss Screw Machine Certificate

Level "I" was added to the MAC 211 course title.

## Changes/Updates to Radiologic Technology Page 129

Effective starting fall 2017 semester. Added to addendum 9/7/17.

### Radiologic Technology AAS Degree

This degree was changed/updated to reflect new MAT 121, BIO 201, and BIO 202 requirements:

<b>Prerequisite Courses</b>		<b>Credits</b>
HPR 178	Medical Terminology	2
RTE 101	Introduction to Radiology	2
<b>Required General Education Courses:</b>		<b>15</b>
ENG/COM	(100 or higher) (3)	
MAT 121	College Algebra (or higher) (3)	
BIO 201	Human Anatomy & Physiology I (4)	
BIO 202	Human Anatomy & Physiology I (4)	
PSY/SOC	(100 or higher) (3)	
<b>Required Courses</b>		<b>Credits</b>
RTE 111	Patient Care	2
RTE 121	Radiologic Procedures I	3
RTE 122	Radiologic Procedures II	3
RTE 131	Radiographic Pathology and Image Evaluation I	1.5
RTE 132	Radiographic Pathology & Image Evaluation II	1.5
RTE 141	Radiographic Equipment and Imaging I	3
RTE 142	Radiographic Equipment and Imaging II	3
RTE 171	Clinical Preparation	3
RTE 181	Clinical Internship I (Additional fees)	6
RTE 182	Clinical Internship II	6
RTE 183	Clinical Internship III	6
RTE 221	Advanced Medical Imaging	3
RTE 231	Radiation Biology/Protection	2
RTE 281	Clinical Internship IV	6
RTE 282	Clinical Internship V	6
RTE 289	Registry Review (Capstone)	3
<b>Total Credits</b>		<b>80</b>

## COURSE DESCRIPTIONS SECTION

## Changes/Updates to ACC-Accounting Courses Page 138

Effective starting spring 2018 semester. Added to addendum 10/11/17.

### **ACC 121 Accounting Principles I**

Prerequisite added: CCR 092 or CCR 094 (grade C or higher) or equivalent placement scores and MAT 050 (grade C or higher) or equivalent placement scores.

*Effective starting fall 2017 semester. Added to addendum 12/14/17.*

### **ACC 125 was added to the catalog.**

ART 125 Computerized Accounting (3 credits)

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

*Prerequisite: ACC 121 with a grade of "C" or higher.*

## **Changes/Updates to AEC-Architecture, Engineering and Construction Courses Page 141**

*Effective starting spring 2018 semester. Added to addendum 9/15/17.*

### **AEC 202 Architectural Design & Analysis**

The prerequisite for this course was changed from AEC 102 to: CAD 224 (grade C or higher), Revit knowledge, or permission of instructor.

## **Changes/Updates to ART-Art Courses Page 142**

*Effective starting spring 2018 semester. Added to addendum 10/10/17.*

### **ART 144 Portrait Photography**

Prerequisite added: ART 138, ART 139, or PHO 120 (grade of C or higher).

*Effective starting fall 2017 semester. Added to addendum 12/13/17.*

**The following ART courses have been removed from the catalog as they are no longer taught.**

ART 129

ART 154

ART 167

ART 207

ART 210

ART 229

ART 231

ART 232

ART 254

## **Changes/Updates to AST-Astronomy Courses Page 146**

*Effective starting spring 2018 semester. Added to addendum 8/7/17.*

### **AST 101**

Course title was changed to Planetary Astronomy w/Lab: GT-SC1. Prior title: Astronomy I w/Lab: SC1.

### **AST 102**

Course title was changed to Stellar Astronomy II w/Lab: GT-SC1. Prior title: Astronomy II w/Lab: SC1

## **Changes/Updates to CCR – College Composition and Reading Courses Page 151**

*Effective starting summer 2017 semester. Added to addendum 7/13/17.*

**CCR 92 College Composition and Reading**

*Prerequisite: Appropriate assessment scores.*

**CCR 94 College Composition and Reading: Studio 121**

*Prerequisite: CCR 092 or equivalent placement scores. Corequisite of ENG 121.*

**Changes/Updates to CHE – Chemistry Courses Page 151**

*Effective starting spring 2018 semester. Added to addendum 8/7/17.*

**CHE 102 Intro to Chemistry II w/Lab: GT-SC1**

This course was added to the catalog.

**CHE 105 Chemistry in Context w/Lab: GT-SC1**

This course was added to the catalog.

**Changes/Updates to CNG – Computer Networking Courses Page 152**

*Effective starting summer 2017 semester. Added to addendum 7/13/17.*

**CNG 121 Computer Technician I: A+**

*Corequisite CNG 122.*

**CNG 124 Networking I: Network +**

*Prerequisite: CNG 122 (grade of C or higher); corequisite CNG 125.*

**CNG 131 Principles of Information Assurance**

*Prerequisite: CNG 101 and CSC 160 (grade of C or higher); or CNG 125 (grade of C or higher).*

**CNG 132 Network Security fundamentals**

*Prerequisite: CNG 132 (grade of C or higher).*

**CNG 133 Firewalls/Network Security**

*Prerequisite: CNG 131, CNG 132, and CIS 220, equivalent experience, or permission of instructor.*

**CNG 136 Guide to Information Technology Disaster Recovery**

*Prerequisite: CNG 131 (grade of C or higher).*

**CNG 202 Unix/Linux System Administration**

*Prerequisite: CIS 220 (grade of C or higher).*

**CNG 212 Configuring Windows Server**

*Prerequisite: CNG 125 (grade of C or higher).*

**CNG 280 Internship**

*Prerequisite: Permission of Instructor.*

**Changes/Updates to CSC – Computer Science Course Page 158**

*Effective starting summer 2017 semester. Added to addendum 7/13/17.*

**CSC 280 Internship**

*Prerequisite: Permission of Instructor.*

**Changes/Updates to CWB – Computer Web Courses Page 161**

*Effective starting spring 2018 semester. Added to addendum 9/26/17.*

**CWB 208 Web Application Development: PHP**

The Prerequisites for this course was changed to: CSC 119, CIS 243, and CWB 110.

## Changes/Updates to ECE – Early Childhood Education Courses Page 166

Effective starting summer 2017 semester. Added to addendum 7/24/17.

### **ECE 112 Introduction to Infant/Toddler Lab Techniques**

Prerequisites: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores

### **ECE 188 Practicum: Early Childhood Education**

Prerequisites: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores

### **ECE 220 Curriculum Development: Methods and Techniques**

Prerequisites: ECE 238 or PSY 238, ECE 101, and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores.

### **ECE 225 Language and Cognition for the Young Child**

Prerequisites: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores.

### **ECE 226 Creativity and the Young Child**

Prerequisites: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores.

### **ECE 238 Child Growth and Development**

Prerequisites: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores.

### **ECE 260 Exceptional Child**

Prerequisites: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores.

### **ECE 288 Practicum: Early Childhood Education**

Prerequisites: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores.

Effective starting spring 2018 semester. Added to addendum 9/25/17.

### **ECE 260 Exceptional Child**

The Prerequisites were updated for this course: ECE 101 and CCR 092 or CCR 094 (grade of C or higher) or appropriate placement scores.

## Changes/Updates to EDU – Education Courses Page 169

Effective starting spring 2018 semester. Added to addendum 9/24/17.

### **EDU 240 Teaching the Exceptional Learner**

Prerequisites were added to this course: PSY 238 (grade C or higher) or permission of instructor.

## Changes/Updates to EGG – Engineering Courses Page 169

Effective starting summer 2017 semester. Added to addendum 7/13/17.

### **EGG 106 Robotics Design**

Note: Additional fee required for this course.

### **EGG 151 Experimental Design**

Note: Additional fee required for this course.

### **EGG 211 Engineering Mechanics I- Statics**

Prerequisite: PHY 111 or PHY 211 (grade of C or higher).

## Changes/Updates to EMS – Emergency Medical Services Courses Page 173

Effective starting summer 2017 semester. Added to addendum 7/21/17.

### **EMS 121 EMT Fundamentals**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; High school diploma or GED.

Corequisite: EMS 123.

**EMS 122 EMT Medical Emergencies**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; High school diploma or GED.

Corequisites: EMS 124 and EMS 170.

**EMS 123 EMT Trauma Emergencies**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; High school diploma or GED.

Corequisite: EMS 121.

**EMS 124 EMT Special Considerations**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; High school diploma or GED.

Corequisites: EMS 122 and EMS 170.

**EMS 127 Advanced EMT Special Considerations**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 129 Advanced Emergency Medical Technician Pharmacology**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 130 EMT Intravenous Therapy**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 131 Advanced Emergency Medical Technician Fundamentals**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 133 Advanced Emergency Medical Technician Medical Emergencies**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 135 Advanced Emergency Medical Technician Trauma Emergencies**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 138 Basic EMS Simulation Lab**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 140 Advanced EMS Simulation Lab**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 171 Advanced Emergency Medical Technician Clinical Internship**

Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites;

Corequisites: EMS 127, EMS 129, EMS 130, EMS 131, EMS 133, EMS 135.

**EMS 178 EMS Seminar**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 180 EMT-Clinical Internship**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 181 EMS Internship I**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 182 EMS Internship II**

Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.

**EMS 270 Clinical EMS Intermediate**

*Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.*

**EMS 279 Seminar**

*Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.*

**EMS 282 EMT Intermediate Internship**

*Prerequisites: CCR 092 or CCR 094 (grade of C or higher) or equivalent prerequisites; Current Colorado State EMT certification; permission of instructor.*

## **Changes/Updates to ENG-English Courses Page 175**

*Effective starting spring 2018 semester. Added to addendum 7/13/17.*

**ENG 121 English Composition I: GT-C01**

Course description change to: Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a wide variety of compositions that stress analytical, evaluative, and persuasive/argumentative writing.

**ENG 122 English Composition II: GT-C02**

Course description change to: Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research.

**ENG 201 English Composition III: GT-CO3**

Course added to catalog with description: 3 credits, Provides the skills necessary to enter into higher-level undergraduate academic discourse or professional workplace writing. This course extends rhetorical knowledge and develops critical reading, thinking, and writing strategies in multiple specialized areas of discourse beyond what is encountered in previous composition courses.

## **Changes/Updates to FIW – Fine Woodworking Courses Page 178**

*Effective starting summer 2017 semester. Added to addendum 5/16/17.*

**FIW 260 Course**

The FIW 260 course was removed from the catalog as it is no longer offered.

**FIW 261 Course**

The FIW 261 course was removed from the catalog as it is no longer offered.

**FIW 257 Course**

The prerequisite FIW 260 was removed from this course.

*Effective starting spring 2018 semester. Added to addendum 11/6/17.*

**FIW 257 course**

The prerequisite FIW 260 was removed and "or FIW 251" was added as a prerequisite.

## **Changes/Updates to GEY – Geology Courses Page 184**

*Effective starting spring 2018 semester. Added to addendum 8/7/17.*

**GEY 111 Physical Geology w/Lab: GT-SC1**

Course description change to: Introduces the major topics of geology. Course content encompasses Earth's materials, structure, and surface landforms. Geologic time and the geologic processes responsible for Earth's internal and external features are covered. This course includes laboratory experience.

**GEY 112 Historical Geology w/Lab: GT-SC1**

Course description change to: Covers the development of Earth through the vast span of geologic time. Emphasis is on the investigation and interpretation of sedimentary rocks and features, the record of ancient environments, fossil life forms, and physical events in Earth's history within the framework of plate tectonics. This course includes laboratory experience.

## Changes/Updates to HHP – Holistic Health Professional Courses Page 185

Effective starting summer 2017 semester. Added to addendum 3/21/17.

### **HHP 188 Reflexology Practicum**

The co-requisite has been changed from HHP 168 to HHP 260.

## Changes/Updates to HIS – History Courses Page 188

Effective starting summer 2017 semester. Added to addendum 7/13/17.

### **HIS 249 History of Islamic Civilization: GT-HI1**

Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.

### **HIS 250 African American History: GT-HI1**

Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.

### **HIS 251 The History of Christianity in the World: GT-HI1**

Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.

## Changes/Updates to HPR – Health Professional Courses Page 190

Effective starting spring 2018 semester. Added to addendum 11/8/17.

### **HPR 178 Medical Terminology course**

The prerequisite has been added: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.

## Changes/Updates to HUM – Humanities Courses Page 191

Effective starting summer 2017 semester. Added to addendum 7/13/17.

### **HUM 103 Introduction to Film Art: GT-AH2**

Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.

## Changes/Updates to HWE – Health and Wellness Courses Page 193

Effective starting summer 2017 semester. Added to addendum 5/25/17.

### **HWE 120 Wilderness First Aid (1 credit) course**

This course was corrected to: HWE 121 Wilderness First Aid & Outdoor Emergency Care (2 credits)

Effective starting spring 2018 semester. Added to addendum 9/27/17.

### **HWE 129 Wilderness First Responder**

Prerequisites were removed from this course.

## Changes/Updates to MAN – Management Courses Page 199

Effective starting summer 2017 semester. Added to addendum 7/13/17.

### **MAN 117 Time Management**

Prerequisite: BUS 115 suggested.

### **MAN 128 Human Relations in Organizations**

Prerequisite: BUS 115 suggested.

### **MAN 150 Change through Challenge**

Prerequisite: BUS 115 suggested.

### **MAN 156 Problem Solving and Decision Making in a Business Environment**

Prerequisite: BUS 115 suggested.

### **MAN 187 Cooperative Education/Internship**

Prerequisite: BUS 115 suggested.

### **MAN 210 Aligning Technology with Business Strategy**

Prerequisite: BUS 115 suggested.

### **MAN 241 Project Management in Organizations**

Prerequisite: BUS 115 suggested.

### **MAN 275 Special Topics**

Prerequisite: BUS 115 suggested.

### **MAN 280 Internship**

Prerequisite: BUS 115 suggested.

## Changes/Updates to MAT – Mathematics Courses Page 202

Effective starting summer 2017 semester. Added to addendum 7/13/17.

### **MAT 107 Career Math**

Prerequisite: Appropriate math placement scores.

Effective starting spring 2018 semester. Added to addendum 8/7/17.

### **MAT 120 Mathematics for the Liberal Arts: GT-MA1**

Course description change to: Develops mathematical and problem-solving skills. Appropriate technological skills are included. Content is selected to highlight connections between mathematics and the society in which we live. Topics include set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. Additional content will include one topic in geometry, numeration systems, decision theory, or management science.

### **MAT 125 Survey of Calculus: GT-MA1**

Course description change to: 4 credits, This course includes derivatives, integrals, and their applications, with attention restricted to algebraic, exponential, and logarithmic functions for business, life science and/or social science majors. A graphing calculator is required for this course.

### **MAT 203 Calculus III: GT-MA1**

Course added to catalog: 5 credits, Focuses the traditional subject matter of multivariable Calculus. Topics include vectors, vector-valued functions, partial derivatives, analytic geometry, multiple integrals, line integrals and applications

### **MAT 204 Calculus III with Engineering Applications: GT-MA1**

Course description change to: 5 credits, Focuses the traditional subject matter of multivariable Calculus with an additional emphasis on word problems and problem solving. Topics include vectors, vector-valued functions, partial derivatives, analytic geometry, multiple integrals, line integrals, Stokes', Divergence Theorems and Green's Theorems, and applications.

### **MAT 215 Discrete Mathematics: GT-MA1**

Course added to catalog: 4 credits, Concentrates on formal logic, algorithms, induction proofs, counting and probability, recurrence relations, equivalence relations, graphs, shortest-path applications, and tree traversal. This course is designed for mathematics and computer science students.

**MAT 265 Differential Equations: GT-MA1**

Course added to catalog: 3 credits, Explores techniques of problem solving and applications. Topics include first, second, and higher order differential equations, series methods, approximations, systems of differential equations, and Laplace transforms.

**Changes/Updates to MOT – Medical Office Technology Courses Page 205**

*Effective starting summer 2017 semester. Added to addendum 5/3/17.*

**MOT 131 Advanced Insurance Billing/Coding**

The pre/co-requisites have been changed to BIO 106 (or BIO 201 & BIO 202), HPR 178, MAP 120 (or MOT120 and MOT 130).

*Effective starting summer 2017 semester. Added to addendum 7/24/17.*

**MOT 131 Advanced Insurance Billing/Coding**

*Pre- or Co-requisites: HPR 178, BIO 106 (or BIO 201 and BIO 202), and MAP 120.*

**MOT 136 Introduction to Clinical Skills**

*Pre- or Co-requisites: HPR 178, BIO 106 (or BIO 201 and BIO 202), MAP 110, and MAP 120.*

**Changes/Updates to MOT – Medical Office Technology Courses Page 205**

*Effective starting summer 2017 semester. Added to addendum 5/3/17.*

**MOT 131 Advanced Insurance Billing/Coding**

*The pre/co-requisites have been changed to BIO 106 (or BIO 201 & BIO 202), HPR 178, MAP 120 (or MOT120 and MOT 130).*

**Changes/Updates to OUT – Outdoor Education Courses Page 209**

*Effective starting spring 2018 semester. Added to addendum 9/27/17.*

**OUT 150 Alpine Skiing II**

The prerequisites were removed from this course.

**OUT 153 Snowboarding II**

The prerequisites were removed from this course.

*Effective starting spring 2018 semester. Added to addendum 10/12/17.*

**OUT 207 Open Water Scuba Instructor**

Prerequisites were added to OUT 207: *Prerequisites: OUT 201, OUT 202, and OUT 204 or permission of instructor.*

**OUT 206 Assistant Scuba Instructor**

Prerequisites were added to OUT 206: *Prerequisites: OUT 201, OUT 202, OUT 203, and OUT 204 or permission of instructor.*

**Changes/Updates to PHI – Philosophy Courses Page 215**

*Effective starting spring 2018 semester. Added to addendum 8/7/17.*

**PHI 111 Introduction to Philosophy: GT-AH3**

Course description change to: Introduces significant human questions and emphasizes understanding the meaning and methods of philosophy. Includes human condition, knowledge, freedom, history, ethics, the future, and religion.

*Effective starting fall 2017 semester. Added to addendum 9/5/17.*

## **PHI 204 Introduction to Hinduism**

Course was changed to a guaranteed transfer course: GT-AH3. **PHI 204 Introduction to Hinduism: GT-AH3**

## **Changes/Updates to PHY – Physics Courses Page 218**

*Effective starting summer 2017 semester. Added to addendum 7/13/17.*

### **PHY 112 Physics: Algebra-Based II/Lab: GT-SC1**

*Prerequisite: PHY 111, MAT 121, and CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.*

### **PHY 212 Physics: Calculus-Based II/Lab: GT-SC1**

*Prerequisite: PHY 211, MAT 202, and CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.*

### **PHY 213 Physics: Calculus-Based III**

*Prerequisite: PHY 212 and MAT 202 (grade of C or higher).*

## **Changes/Updates to PRA – Park Ranger Courses Page 220**

*Effective starting spring 2018 semester. Added to addendum 10/31/17.*

### **PRA 178 Park Ranger Skills Seminar**

The credits for this course have been changed from 2 to 6 credits.

## **Changes/Updates to PSY – Psychology Courses Page 221**

*Effective starting summer 2017 semester. Added to addendum 7/13/17.*

### **PSY 231 Positive Psychology: GT-SS3**

*Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.*

*Effective starting spring 2018 semester. Added to addendum 10/5/17.*

### **PSY 265 Psychology of Personality: GT-SS3**

Course prerequisite of PSY101 and PSY 102 was removed from this course.

## **Changes/Updates to REE – Real Estate Courses Page 223**

*Effective starting summer 2017 semester. Added to addendum 7/13/17.*

### **REE 201 Real Estate Brokers I**

*Corequisite: REE 202.*

### **REE 202 Real Estate Brokers II**

*Corequisite: REE 201.*

## **Changes/Updates to THE – Theatre Arts Courses Page 228**

*Effective starting summer 2017 semester. Added to addendum 7/13/17.*

### **THE 211 Development of Theatre: Greek-Renaissance: GT-AH1**

*Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.*

### **THE 212 Development of Theatre: Restoration to Modern: GT-AH1**

*Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.*

### **THE 215 Playwriting: GT-AH1**

*Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.*

**THE 108 Theatre Script Analysis**

*Prerequisite: CCR 092 or CCR 094 (grade of C or higher) or equivalent placement scores.*

**Changes/Updates to WQM – Water Quality Management Technology Courses Page 230**

*Effective starting spring 2018 semester. Added to addendum 9/14/17.*

**WQM 200 Hydraulics for Water Quality Management**

The prerequisite for this course was changed from MAT 121 to: *WQM 105 Specific Calculations for Water Quality Management.*