

2017-2018 Catalog Addendum

FRCC apologizes for any inconvenience due to the following changes.

Academic Matters: Transferring Credit to FRCC

The 12th bullet should read: There is no limit to the amount of credit transferred into FRCC; however, no more than 75% of degree or certificate requirements may be completed using transfer credit. At least 25% of degree or certificate requirements must be earned at FRCC.

New Content: Student Responsibilities & Code of Conduct: HEOA Peer to Peer File Sharing Requirements & Digital Millennium
The new catalog link: <http://frontrange.smartcatalogiq.com/en/2017-2018/Catalog/Student-Responsibilities-Code-of-Conduct/Academic-Integrity/HEOA-Peer-to-Peer-File-Sharing-Requirements-and-Digital-Millennium-Copyright-Act>

HEOA content is also now listed in the **Legal Notices** section. This link will take you to our website: <https://www.frontrange.edu/disclaimers-and-legal-notice/higher-education-opportunity-act-disclosures>

Course Added: CHE 102 Intro to Chemistry II with Lab (5)

Focuses on introductory organic and biochemistry (sequel to Introduction to Chemistry I). This course includes the study of hybridization of atomic orbitals for carbon, nomenclature of both organic and biochemical compounds, physical and chemical properties of various functional groups of organic chemistry, and physical and chemical properties of biochemical compounds along with their biochemical pathways. Laboratory experiments are included. This course is one of the Statewide Guaranteed Transfer courses. GT-SC1. 90 Contact Hrs (60 lecture hours, 30 lab hours)

Computer Information Systems

CIS 220, CIS 232 and CIS 263 have been deleted from the catalog.

CIS Database Administration Degree

CIS 145 is no longer listed in the Application Course section, as it is a Core Requirement. Electives section now states: Students may select a minimum of 12 credits from any combination of ACC, BUS, CIS, CNG, CSC, CWB, MAR or MAN courses to fulfill remaining degree requirements.

CIS Web Developer Certificate

MGD 111 and MGD 112 have been removed as requirements. Added to the Electives section: Select 3 credits from any combination of CWB, MGD, CIS, CSC, and/or CNG courses to fulfill remaining certificate requirements.

CIS Web Developer Degree

CIS 145 is no longer listed in the Application Course section, as it is a Core Requirement. MGD 111 and MGD 112 have been removed as requirements. CSC 217, 234, 240, 241 and 246 have been added to the Object-Oriented Programming Course section.

New Course: CON 110 Intro to Construction, Part 1 (4)

Explores the expanding array of careers within the construction industry. Students will be exposed to the construction industry through job site tours, hands-on experience, and classroom activities. Math and science application will be established through the academic integration of jobsite technical skills and classroom theory. 90 Contact Hrs.

New Course: CON 111 Intro to Construction, Part 2 (4)

Explores additional careers within the construction industry. Students will be exposed to the construction industry through job site tours, hands-on experience, and classroom activities. Math and science application will be established through the academic integration of jobsite technical skills and classroom theory. 90 Contact Hrs.

New Course: CON 280 Internship (2)

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. 90 Contact Hrs.

CSC Course Pre-Co-requisite/Recommended Prep. Update

CSC 160: Recommended Preparation: CSC 119 or MAT 201.
CSC 161: Recommended Preparation: CSC 160 and MAT 121.
CSC 165: Recommended Preparation: CSC 161 and MAT 201.
CSC 217: Recommended Preparation: CSC 119.
CSC 225: Recommended Preparation: CSC 161.
CSC 230: Recommended Preparation: CSC 119 or CSC 160.
CSC 233: Recommended Preparation: CSC 119 or CSC 160.
CSC 234: Recommended Preparation: CSC 119 or CSC 160.
CSC 241: Recommended Prep: CSC 240 or CSC 160 or CSC 233.
CSC 246: Recommended Preparation: CSC 240 or CSC 119 or CSC 160 or CSC 233.
CSC 252: Recommended Preparation: CIS 145 or CSC 220

CSC 160. Title revised to: Computer Science I: (Language)

EGG 211 Engineering Mechanics I - Statics (3)

Revised Prerequisites: PHY 211 and MAT 201.
Recommended Preparation was deleted.

Revised Description: EGT 143 Civil/Survey Drafting I (3)

Focuses on Civil and Survey drafting skills necessary to produce document sets of land surveys/plats, legal descriptions, site layout, plan, profile & alignments, pipe layouts, contour maps and earth-work.

Revised Description: EGT 243 Civil/Survey Drafting II (3)

Focuses on advanced Civil and Survey drafting skills. Students will create computer aided drawings using traverses, legal descriptions, horizontal and vertical curves, land sections, and coordinates. Emphasizes field note interpretation.

New Course: EIC 110 Electrical Installations I (4)

Covers residential building wiring in conformance with the current National Electrical Code and local codes using nonmetallic cable. Emphasizes proper use of tools and safety. 90 Contact Hrs.

New Course: EIC 280 Internship (2)

Provides students with the opportunity to supplement course-work 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. 90 Contact Hrs.

Forestry Technology Degree

NRE 204 has been added to the Electives List. The total number of Required Courses has been adjusted to 34. The total number of Elective Courses has been adjusted to 9. Required General Education Courses remain at 17.

Forestry Technology Degree and Natural Resources Degree

The statement, "Select one of the following (OUT) courses:" has been deleted from the Electives List.

Forestry Technology Degree and Wildlife Technology Degree

The General Education Requirements have been updated in both degrees on pages 93 and 94 to reflect Program Requirements.

Forestry, Wildlife and Natural Resources All 7 Certificates:

The statement, "NRE 280 can be taken for 1-6 credits. In addition, students may not apply more than 3 credits in Internship and/or Independent Study coursework to any Certificate pathway in Forestry, Wildlife and Natural Resources" has been added.

FSW 143 S-212 Wildfire Chain Saws (2)

The correct Contact Hours is 37.5 Contact Hrs.

Horticulture & Landscape Technologies Degree

BIO 111 has been added to the Natural & Physical Sciences General Education Requirements section as an option

HLT 232 Landscape Design III (3)

Revised Prerequisites: HLT 132 and HLT 230

IND 114 Space Planning

Prerequisite/Corequisite: AEC 101 may be taken concurrently.

IND 116 Estimating Interior Materials

Prerequisite: AEC 101 and IND 200.

IND 213 Portfolio Presentations

Prerequisite: CAD 224. Prerequisite/Corequisite: IND 220.

Medical Office Technology: New Codes

Medical Billing Specialist Certificate: F_CER_MEDB
Medical Office Specialist Certificate: F_CER_MOSS
Medical Office & Billing Specialist Degree: F_AAS_MOBS

Network Technologies Degree Updates

CNG 203 has been added to the Electives List. Electives have been reduced from 15 to 12 credits and Electives from CNG courses has increased to 6-7 credits. CIS 232 has been deleted from the Catalog and Master File.

NRE 114 Colorado Wildlife (3)

Contact Hours are 67.5 instead of 60.

Nursing Advanced Placement-Bridge Program LPN to ADN

Mathematics Requirements update: MAT 103 or any GT MAT Course

NUA 101 Certified Nurse Aide Health Care Skills

Contact Hours are now 75.

NUA 170 Nurse Aide Clinical Experience

Contact Hours are now 30.

NUA 171 Advanced Nurse Aide Clinical

Contact Hours are now 30.

NUA 174 Acute Care Nurse Aide Skills

Contact Hours are now 22.5.

Patient Care Technician Certificate

Total credits is 25 instead of 26.

New Course: PLU 120 Residential Plumbing (4)

Enables the student to design and install residential plumbing systems. Students work in the shop installing systems and in the classroom designing systems. Includes the application of code requirements, fuel piping systems, water piping systems, rough-in measurements and installation practices. Also covers installation of components, such as water heaters, tub/shower valves, a variety of shower enclosures and other fixtures. Offered fall semester only. 90 Contact Hrs.

New Course: PLU 282 Internship (2)

Students with prior course work in a specific area are eligible for internship. The internship provides the student an opportunity to apply their course studies. 90 Contact Hrs.

STE 100 Fundamentals of Surgical Technology

Prerequisites: HPR 208 has replaced HPR 108.
Added: Recommended Preparation PSY 235 and BIO 202.

New Course: WEL 150 AWS Qualification Testing (1)

Provides students with the opportunity to complete a welding qualification test in accordance with an American Welding Society code or specification. 22.5 Contact Hrs.

Wildlife Certificate

Required Courses: NRE 114 (3) has been added.
Electives: NRE 230 (3) has been added.

WST 225 Title Change: Women and Social Action

Replaces: Women and Social Change

