



The College Now Department at FRCC is proud to offer concurrent enrollment opportunities to Poudre School District high school students. Concurrent enrollment allows students to earn both high school and college credit for FRCC courses, at no tuition cost to the student. All courses are college-level and students are expected to meet college-level expectations. Students may be responsible for the cost of textbooks, fees, and/or course materials.

FRCC College Now allows students to experience college courses that fall in line with their Individual Career and Academic Plans (ICAPs) while still in high school. Whether exploring career and technical fields or taking general education or transfer courses, FRCC College Now can help you get a jump start on your future!

FRCC offers many degree and certificate programs. For a full list of programs, please visit <https://www.frontrange.edu/programs-and-courses/academic-programs>. Many FRCC courses are guaranteed to transfer to all public institutions of higher learning in Colorado. Visit www.frontrange.edu/guaranteedtransfer for more info about the Colorado guaranteed transfer program.

Interested?! Talk to your high school counselor today for more information about the application and enrollment process.

HIGH SCHOOL SELECT PROGRAM, FALL 2018-SPRING 2019



College Now - High School Select is a concurrent enrollment program that provides high school students with the opportunity to take FRCC classes at their home high school for college credit. Tuition is covered by the school district, but students may be responsible for textbooks and/or applicable fees.

Class offerings are determined in partnership with the school district, FRCC, and each individual high school. Students should talk with their high school counselor about what course offerings may be available at their high school.

Visit www.frontrange.edu/lc-collegenow/programs/high-school-select/available-classes to see which courses are available at your school.

CAMPUS SELECT PROGRAM, FALL 2018-SPRING 2019



Students enroll in classes at the FRCC campus with other FRCC college students. These classes are taught at the college level and students are expected to meet all college-level expectations. Students are expected to select classes with their high school counselors, following the student's career and academic plan (ICAP), but the College Now department is happy to help provide course information, degree requirements, etc.

Students can choose Campus Select courses from the FRCC catalog. For a complete list of offerings, visit

<http://www.frontrange.edu/programs-and-courses/catalog-and-class-schedule>

CAREER PATHWAYS PROGRAM, FALL 2018- SPRING 2019



Available Programs:

- | | |
|----------------------------------|--|
| -Animal Technology Design | -Architectural, Landscape, & Interior |
| -Automotive Technology & Service | -Criminal Justice Careers Exploration |
| -Culinary Arts | -Medical Careers Exploration |
| -Welding & Metal Fabrication | -Wildlife, Forestry, & Natural Resources |

- Take classes with other high school students on campus at FRCC (exceptions noted).
- Programs emphasize hands-on learning (field trips, labs, projects, job shadows, community service, and/or internships) in addition to classroom activities. *There is a student fee of \$100 or less in each program.*
- Bus transportation is provided to/from FRCC (exceptions noted). *Students are responsible for transportation when class is held off-campus, which can be frequently in some programs.*
- Schedule: This is a year-long program. Classes are held Monday - Friday, 8am to 10am or 12:30pm to 2:30pm.
- All programs offer *optional* college credit and students can earn FRCC and industry certificates in most programs.
- Recommended preparation: 1) history of good attendance 2) history of turning in assignments 3) willingness to participate in all assignments and activities 4) willingness to seek help and communicate with faculty.

1. Animal Technology

Do you want to help animals and people? Would you like to explore careers in veterinary medicine or other animal-related fields? During this program, students will learn fundamental skills in the handling

and health care of common animal species, including dogs, cats, horses, cattle, and many more. Students will study the biology, anatomy, and physiology of different species and learn laboratory and clinical procedures to aid in diagnosing and treating common health problems. This program is made up of classroom activities, field trips, on- and off-campus lab experiences, guest speakers, job shadows and the opportunity to earn placement in an internship.

High School Credit:

This program may earn high school academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your high school counselor for more information about enrollment requirements. All college courses apply towards the **FRCC Veterinary Technician Assistant Certificate**. Students who wish to complete the certificate and sit for the national exam must have completed BIO 105 (Science of Biology) or BIO 111 (General College Biology I with Lab) with a “C” or better in addition to the coursework below. See your counselor to complete the biology course requirement through our Campus Select or High School Select Program.

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
VET 120 - Office Procedures & Relations (2 credits)	Fall	none	Fall: 5 credits
VET 103 - Veterinary Assistant Restraint & Handling (2 credits)	Fall	none	
VET 102 - Veterinary Medical Terminology (1 credit)	Fall	none	
VET 113 - Veterinary Assistant Surgical & Nursing Care (3 credits)	Spring	none	Spring: 7.5 credits
VET 114 - Vet Assistant Lab & Clinical Procedures (3 credits)	Spring	none	
VET 183 - Internship: Private Practice (1.5 credits)	Spring	none	
			Total: 12.5 credits

2. Architectural, Landscape, and Interior Design with CAD Certification

Do you like the idea of blending art and science into a career? This program is designed for students interested in Architecture, Landscape Design, Interior Design, or other design-related fields. Students study both traditional hand-drafting techniques and state-of-the-art 2D and 3D computer-aided drafting skills. Students explore real-world Architectural, Landscape Design, and Interior design projects. Students also learn project and presentation skills useful in many different career paths. This program is made up of classroom activities, studio- and computer lab-based projects, presentations, field trips, guest speakers, independent study, and the opportunity to earn placement in an internship. ***This program is offered during the PM session (12:30-2:30) only.***

High School Credit:

This program may earn high school academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your counselor for more information about enrollment requirements. Students can earn the **FRCC**

Basic Computer-Aided Drafting Certificate during this program. College courses also apply towards the **FRCC Computer-aided Drafting & Design A.A.S.**, the **Architecture & Building Science A.A.S.**, and a variety of certificate programs at FRCC.

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
CAD 100-Print-reading for CAD (3 credits)	Fall	none	Fall: 6 credits
CAD 101-Computer-aided Drafting I (3 credits)	Fall	none	
CAD 102-Computer-aided Drafting II (3 credits)	Spring	none	Spring: 10 credits
CAD 115-Sketchup (3 credits)	Spring	none	
CAD 185-Independent Study (1 credit)	Spring	none	
HLT 130- Landscape Design I (3 credits)	Spring	none	

3. Automotive Technology & Service

Whether you want to become a professional automotive service technician or are just interested in how vehicles operate, this program is a great place for hands-on training in the automotive field! Topics explored include electrical, ignition, and fuel systems, engines, starting and charging, brakes, suspension and steering, and tires. This program is made up of a mix of lecture, classroom activities, hands-on training in the state-of-the-art automotive shop, mock-up units, guest speakers, and field trips. Students spend one semester “under the car” and another semester “under the hood,” with a different instructor each semester.

High School Credit:

This program may earn high school academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your counselor for more information about enrollment requirements. Students can complete the **FRCC General Automotive Repair & Maintenance Certificate** during this program. College courses also apply towards a variety of additional certificate and degree programs under the Automotive Technology Program at FRCC.

Group 1:

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
ASE 101 - Auto Shop Orientation (2 credits)	Fall	none	Fall: 6 credits
ASE 110 - Brakes I (2 credits)	Fall	Pre-requisite of ASE 101	
ASE 140 - Steering & Suspension (2 credits)	Fall	Pre-requisite of ASE 101	
ASE 120 - Basic Auto Electricity (2 credits)	Spring	Pre-requisite of ASE 101	Spring: 4 credits
ASE 130 - General Engine Diagnosis (2 credits)	Spring	Pre-requisite of ASE 101	
			Total: 10 credits

Group 2:

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
-------------	----------	--	---------------

ASE 101 - Auto Shop Orientation (2 credits)	Fall	None	Fall: 6 credits
ASE 120 - Basic Auto Electricity (2 credits)	Fall	Pre-requisite of ASE 101	
ASE 130 - General Engine Diagnosis (2 credits)	Fall	Pre-requisite of ASE 101	
ASE 140 - Steering & Suspension (2 credits)	Spring	Pre-requisite of ASE 101	Spring: 4 credits
ASE 110 - Brakes I (2 credits)	Spring	Pre-requisite of ASE 101	
			Total: 10 credits

4. Criminal Justice Careers Exploration

Interested in a career in the criminal justice system? Students will explore many careers in the criminal justice field and learn about the roles of various criminal justice agencies, criminal law and the courts, and the correctional system. Units on police procedures and tactics (including arrest control, vehicle stops and building searches) and crime-scene management, processing, and investigation will be covered. This program also develops the life skills necessary to get a job in criminal justice or any other field, such as communication skills, professional ethics, and problem-solving. Students interact with a wide variety of professional guest speakers, visit field trip sites, practice tactical skills, and participate in community service, in addition to traditional classroom activities.

High School Credit:

This program may earn high school academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your counselor for more information about enrollment requirements. All college courses apply towards the **FRCC Associate of Arts (A.A.) Degree for Transfer, Designation in Criminal Justice**, which means they transfer to any of the Criminal Justice Programs offered at Colorado Public Four-Year Institutions (including CSU-Global and University of Northern Colorado). Additionally, CRJ 110 is a gtPathways course that will automatically transfer with you to Colorado Public Colleges and Universities and count toward your general education core or graduation requirements for any liberal arts or science associate's or bachelor's degree.

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
CRJ 110-Intro to Criminal Justice (3 credits)	Fall	none	Fall: 3 credits
CRJ 125-Policing Systems (3 credits)	Fall	Pre-requisite of CRJ 110	
CRJ 209-Criminal Investigations I (3 credits)	Spring	Pre-requisite of CRJ 110	Spring: 6 credits
			Total: 9 credits

5. Culinary Arts

This program is designed for students interested in exploring the art and science of cooking. Students learn about careers in the food service industry, work in a professional kitchen, practice food safety and sanitation, plan and prepare meals, explore culinary techniques, try different cuisines, and practice food presentation. Students work together to cook and taste their own dishes! This program is made up of lecture, demonstration, practice in the student kitchen, field trips, a student banquet, and

the opportunity to earn placement in an internship. Students sit for the national ServSafe® Food Manager certification exam during the program. ***This program is held at Fossil Ridge High School.***

High School Credit:

This program may earn high school academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your counselor for more information about enrollment requirements. College courses apply towards the **FRCC Hospitality and Culinary Arts Management A.A.S** and a variety of certificate programs at FRCC.

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
CUA 101-Food Safety & Sanitation (2 credits)	Fall	none	Fall: 6 credits
CUA 125-Intro to Foods (4 credits)	Fall	none	
CUA 145-Baking & Pastry (4 credits)	Spring	none	Spring: 4 credits
			Total: 10 credits

6. Medical Careers Exploration

Are you interested in a fulfilling career in the health care field? In this program, students build a foundation in science and medicine and are exposed to a wide variety of health careers, medical professionals, and medical facilities. Students explore anatomy and physiology, medical terminology, safe practices in the clinical setting, ethics in health care, and fundamental nurse aide skills. During the year, students can earn certificates in 1) Adult First Aid/CPR 2) Infant and Child First Aid/CPR and 3) Dementia Care. Curriculum also includes basic nurse aide (CNA) training, culminating, for qualified students, in a three-day clinical experience working with real patients. This program is made up of classroom activities, guest speakers, practice in the nursing lab, field trips, community service, and clinical experiences. ***PSD students attend the program at FRCC and TSD students attend the program at the FRCC Loveland campus.***

High School Credit:

This program may earn high school academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your counselor for more information about enrollment requirements. Students can complete the **FRCC Nurse Aide Certificate** during this program, preparing them to take the State Certification Exam to become a Certified Nurse Aide.

For PSD:

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
NUA 101 - Certified Nurse Aide Health Care Skills (4 credits)	Spring	Complete CCR 092 or test into CCR 093 or higher	Fall: 5 Credits
NUA 170 - Nurse Assistant Clinical Experience (1 credit)	Spring	None	

HPR 208 - Advanced Medical Terminology (2 credit)	Spring	None	Spring: 2 credits
			Total: 7 credits

9. Welding & Metal Fabrication

Let the sparks fly! This program is great for students interested in learning basic welding & metal fabrication techniques. Students can take the exam to become SENSE Level 1 certified through the American Welding Society and employers are willing to pay top dollar for skilled, certified welders! In this program, students build projects in the welding shop using gas metal arc welding, shielded metal arc welding, oxy-fuel cutting, plasma cutting, and metal-forming techniques. Students work together to produce unique creative designs in teams. Fabricated items will include both student-initiated projects as well as items that were requested by local individuals and companies. This allows students to experience real-world business experience, working with customers on bidding, formalizing a contract, and more. This program is made up of lecture, hands-on training in the FRCC Welding Shop, group projects, guest speakers, and field trips.

High School Credit:

This program may earn academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your counselor for more information about enrollment requirements. Students can earn the **FRCC Welding Fundamentals Certificate and an FRCC Oxyacetylene Welding Certificate** during this program. College courses also apply towards a variety of additional degree and certificate programs under the Welding Program at FRCC.

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
WEL 100 - Safety for Welders (1 credit)	Fall	None	Fall: 5 credits
WEL 101-Allied Cutting Processes (4 credits)	Fall	Prerequisite or Co-requisite: WEL 100	
WEL 103 - Basic Shielded Metal Arc I (4 credits)	Spring	Prerequisite or Co-requisite: WEL 100	Spring: 8 credits
WEL 125 - Introduction to Gas Metal Arc Welding (4 credits)	Spring	Prerequisite or Co-requisite: WEL 100	
			Total: 13 credits

10. Wildlife, Forestry, & Natural Resources

Do you love the outdoors? This program is designed for students interested in a career where the outdoors is their office. Students will find their passion while learning the fundamentals of natural resource systems, forestry, wildlife management, and outdoor recreation. Students participate in a technician skills unit covering equipment operation, safe chain-saw use, GPS/mapping and orienteering. Classroom knowledge is applied through multiple field labs at Horsetooth Mountain Park, U.S. Forest Service land near Red Feather Lakes, and many more. This program is made up of

classroom activities, numerous field experiences, guest speakers, and the opportunity to earn placement in an internship during the spring semester.

High School Credit:

This program may earn academic credit and/or fulfill high school graduation requirements. Check with your high school counselor for more information.

FRCC College Credit:

Students can earn *optional* FRCC college credit through our concurrent enrollment option. Check with your counselor for more information about enrollment requirements. Students can earn the **FRCC Forestry Certificate** during this program. College courses also apply towards a variety of additional degree and certificate programs at FRCC. Courses may also transfer to the CSU Warner College of Natural Resources, depending on the degree/concentration. See a CSU program advisor for more information.

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
NRE 100 - Foundations of Forestry (3 credits)	Fall	None	Fall: 6-7 credits
NRE 110 - Forestry Field Research (3 credits)	Fall	None	
NRE 280 - Internship (1 credit, optional, instructor approved)	Fall	None	
NRE 204 - Rangeland Management & Restoration (4 credits)	Spring	None	Spring: 7-8 credits
NRE 205 - Wildlife & Fisheries Management Principles (3 credits)	Spring	None	
NRE 280 - Internship (1 credit, optional, instructor approved)	Spring	None	
			Total: 13-15 credits

ASCENT PROGRAM, FALL 2018-SPRING 2019

--Insert district program info here--

