

Warren Tech North

Concurrent Enrollment Courses

Advanced 3D Printing Technology Instructor: Matthew Brown Spring Enrollment Prerequisites: N/A		
CAD 2455 Year 1	SolidWorks/Mechanical Introduces parametric feature-based solid modeling 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. This course provides instruction on how to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models.	3
CAD 2660 Year 1	3D Printing Provides the student with the ability to blend the virtual and real design worlds together through the use of 3D CAD Modeling, and 3D Printing.	3
CAD 2661 Year 2	Advanced 3D Printing Provides the student with the ability to create Advanced 3D solid models using 3D printing and 3D Scanning technology and various CAD software programs.	3
CAD 2694 Year 2	3D Scanning and Modeling Exposes students to 3D scanning and modeling. Students will manipulate various types of 3D scanning technology and create CAD models using scanning software and other CAD programs.	4

Business Administration High School Instructor: Christopher Michelson Fall & Spring Enrollment Prerequisites: N/A	
Plan of Study: These courses can be applied towards Business degrees and certificates at Red Rocks Community College and may transfer to other colleges. http://www.rccc.edu/business	

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BUS 1002	Entrepreneurial Operations Explores the essential requirements for starting and operating a business. This course covers basic concepts of business law, marketing, finance and operations. It guides the development of an effective business plan and prepares students to launch and sustain their own businesses.	3
BUS 1015	Introduction to Business Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, governmental regulations, tools of business and social responsibilities.	3
BUS 2017	Business Communication Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. Includes the fundamentals of business communication and an introduction to international communication.	3
MAR 2016	Principles of Marketing Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.	3
MAN 2026	Principles of Management Provides an overview of the principles of management. Emphasis is on the primary functions of planning, organizing, staffing, leading and controlling with a balance between the behavioral and operational approaches.	3
Criminal Justice		
<p>Coursework completed with a grade of C or better may be applied towards the RRCC Criminal Justice Associate of Arts degree designated Criminal Justice Degree.</p> <p>The Criminal Justice Program is designed for those seeking a career in the criminal justice field. If you have a felony conviction, or any kind of criminal or significant driving record, you may not be employable in the criminal justice field. The associate of art degree in criminal justice is articulated with all state criminal justice/criminology bachelor degree programs for those planning to continue in the criminal justice and criminology field. It is critical to consult with a criminal justice faculty advisor early in your college career to explore all your career options.</p> <p style="text-align: center;">High School Instructor: Valarie Purl Spring Enrollment</p> <p>Prerequisite for all courses (any of the following scores or exemptions can be used): ACT Scores: English 18</p>		

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SAT Scores: Verbal 470
Accuplacer Next Gen: Writing 246
High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. English 11 or 12 with a B or better in both semesters.
Self-Guided Assessment: [English self-guided assessment](#)

Plan of Study: This course is a part of the Criminal Justice AA Degree with Designation at Red Rocks Community College and may transfer to other colleges.
<https://www.rccc.edu/criminal-justice/degree>

Course	Description	Credits
CRJ 1010	Intro to Criminal Justice Introduces students to the basic components of the criminal justice system in the United States. Concepts of crime, crime data, victimization, perspectives and views of crime, theory, and law are discussed. Particular attention to the criminal justice process, interaction and conflict between criminal justice agencies, and current criminal justice issues are examined. This is a statewide Guaranteed Transfer course in the GT-SS3 category.	3
CRJ 1025	Policing Systems Examines policing in the United States, including historical foundations, emerging issues, and the relationship between law enforcement and the community. The various types of law enforcement agencies, their administrative practices, and the behavior of those involved in the delivery of police services are examined from the perspective of democratic values, racial and ethnic diversity, and societal perceptions of police effectiveness. Career requirements, including current and future trends, are also presented.	3
CRJ 1035	Judicial Functions Provides an overview of the structure and function of the dual American judicial system and the behavior of actors (judges/justices, lawyers, law clerks, interest groups, etc.) within the system. Emphasis is placed on the organization and administration of state and federal courts, criminal court procedures, juries, selection of judges, decision-making behavior of juries, judges and justices, and the implementation and impact of judicial policies	3
CRJ 1045	Correctional Process Examines the history and total correctional process from law enforcement through the administration of justice, probation, prisons, correctional institutions, and parole. Also examines the principles, theories, phenomena and problems of the crime, society, and the criminal justice system from the perspective of criminology and the criminal justice system in general. Emphasizes the role of sociology and other interdisciplinary approaches to the field of corrections and society's response.	3

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<p>SOC 2031</p>	<p>Sociology-Deviant Behavior</p> <p>Critically examines various deviant categories and societal reactions to deviance affecting diverse populations. Examines how sociologists study deviance and the theories they use to explain it. Explains the ways social institutions define deviance and attempt to control, change, or treat those deviant behaviors, attitudes, and conditions.</p>	<p>3</p>
<p>Education and Leadership</p> <p>High School Instructor: Christine McConnell Spring Enrollment Prerequisites: N/A</p> <p>Prerequisite (any of the following scores or exemptions can be used): ACT: English 18 SAT: Verbal 470 Accuplacer Next Gen: Writing 246 High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. English 11 or 12 with a B or better in both semesters. Self-Guided Assessment: English self-guided assessment</p> <p>Corequisites: EDU 2211 and EDU 2088 must be taken together.</p> <p>Plan of Study: Students who successfully complete these courses can apply the courses towards the Paraprofessional Educator Certificate. https://www.rccc.edu/early-childhood-education/degrees-and-certificates</p>		
<p>EDU 2211</p>	<p>Introduction to Education</p> <p>Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. This course includes current issues of education reform, technology as it relates to education, and considerations related to becoming a teacher in the state of Colorado. The course addresses diversity in the preschool through secondary school system.</p>	<p>3</p>
<p>EDU 2088</p>	<p>Practicum II</p> <p>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 education facility and with the direct guidance of the instructor.</p>	<p>1</p>
<p>EDU 2611</p>	<p>Teaching, Learning, & Technology</p>	<p>3</p>

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	<p>Explores integration of technology instruction into teaching practices used in preschool through postsecondary (P-21) educational settings for all curriculum areas of content. This course reviews a variety of technologies with an emphasis on increasing student learning and retention of knowledge. The course also explores combining technology with several instructional methodologies to promote professional teacher dispositions related to technology-rich teaching.</p>	
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Forensic Science Program

This program offers college credit for guaranteed transfer courses that can be applied towards Associate of Art degree requirements.

High School Instructor: Afton Nance
Spring Enrollment

Prerequisites (any of the following sets of scores or exemptions can be used):
ACT Scores: English: 18 and Math 19
SAT Scores: Verbal 470 and Math 500
Accuplacer Next Gen: Writing 246 and Quantitative Algebra/Statics 240
High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. English 11 or 12 with a B or better in both semesters **AND** Algebra II, Geometry, Trig., Pre-Calc., or Calculus with a grade of B or better in both semester and 3.0 un-weighted GPA.
Self-Guided Assessment: English self-guided assessment **and** Liberal Arts Math self-guided assessment

Plan of Study: GT - The classes are guaranteed transfer courses under the State gtPathways program GT-SC1. <https://rrcc.smartcatalogiq.com/2022-2023/Catalog/Guarantee-Transfer-Courses/GT-Courses-Guarantee-Transfer>

Course	Description	Credits
BIO 1004	<p>Biology: A Human Approach</p> <p>Develops a basic knowledge of the structure and function of the human body by studying the body's structure as a series of interrelated systems. Includes cardiovascular, respiratory, digestive, lymphatic, musculoskeletal, nervous, endocrine, reproductive and urinary systems, and genetics. Emphasizes disease prevention and wellness. This course includes laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category</p>	4
BIO 1111	<p>General College Biology w/Lab</p> <p>Examines the fundamental molecular, cellular and genetic principles characterizing plants and animals. Includes cell structure and function, and</p>	5

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	the metabolic processes of respiration, and photosynthesis, as well as cell reproduction and basic concepts of heredity. The course includes laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.	
CRJ 2031	Intro Forensic Sci/Criminalist Exploration of the fundamentals of forensic science that are essential for gathering evidence at the crime scene and analyzing it in the crime laboratory.	3
<p>Medical Assisting</p> <p>This program prepares the student for entry level in Healthcare. College credit earned can be applied towards the Health Science degree and certificate programs.</p> <p>High School Instructor: Kasie Krug Fall & Spring Enrollment</p> <p>Prerequisite (any of the following scores or exemptions can be used): ACT: English 18 SAT: Verbal 470 Accuplacer Next Gen: Writing 246 High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. English 11 or 12 with a B or better in both semesters. Self-Guided Assessment: English self-guided assessment</p> <p>Plan of Study: Courses are part of the Medical Assisting/Office Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. https://www.rccc.edu/medical-assisting</p>		
Course	Description	Credits
HPR 1040	Comprehensive Medical Terminology Provides an in-depth study of the structure of medical terms with emphasis on using and combining common prefixes, roots and suffixes. This course includes terms related to major body systems, oncology, and psychiatry as well as clinical laboratory and diagnostic procedures, and imaging, and provides accepted pronunciation of terms and relative use in the healthcare setting. No Prerequisite	3
MAP 1010	Medical Office Administration Teaches students the administrative and financial skills used in healthcare facilities. This includes professionalism, communication skills, compliance,	4

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	accounting principles, and codes used in diagnosis, insurance billing, and third-party reimbursement procedures.	
MOT 1081	90-Hour Internship Provides supervised placement in a contracted facility for guided administrative experience in the psychomotor, cognitive, and affective learning acquired in an educational program. Positions are non-paid and must meet 90 hours minimum.	2
<p>Nurse Aide Certificate</p> <p>High School Instructors: Wendy Dorrance Spring Enrollment</p> <p>Prerequisite: any of the following scores or exemptions: ACT Scores: English 18 SAT Scores: Verbal 470 Accuplacer Next Gen: Writing 246 High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. English 11 or 12 with a B or better in both semesters.</p> <p>Self-Guided Assessment: English self-guided assessment</p> <p>Plan of Study: Students who complete both courses successfully will be eligible to receive the Nurse Aide Certificate. https://www.rccc.edu/nurse-aide/certificates.</p> <p>The Colorado State Board of Nursing approves this program and successful graduates are eligible to take the state certification exam.</p>		
Course	Description	Credits
NUA 1001	Nurse Aide Health Care Skills Prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, communication skills, restorative services, personal care skills, safety and emergency care issues are covered. Includes knowledge and/or principles of asepsis, OSHA and HIPPA regulations. Ethical behaviors, cultural sensitivity and principles of mental health will be addressed, as well as patient/resident rights.	4
NUA 1070	Nurse Aide Clinical Experience Applies knowledge and skill gained in NUA 1001 to patient care.	1

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	Corequisite: NUA101.	
<p>Sports Medicine</p> <p>High School Instructor: Leslie Tufano</p> <p>Spring Enrollment</p> <p>Prerequisite for HWE 255 (any of the following scores or exemptions can be used): ACT: English 18 SAT: Verbal 470 Accuplacer Next Gen: Writing 246 High School Class Exemption: 3.0 un-weighted high school GPA and passed H.S. English 11 or 12 with a B or better in both semesters. Self-Guided Assessment: English self-guided assessment</p> <p>Plan of Study: Students who complete the courses successfully will have the opportunity to become trainers. The courses could be counted as electives towards the Wellness Coaching Certificate https://rcc.smartcatalogiq.com/en/2022-2023/catalog/academic-programs-and-areas-of-study/integrated-health-professions/integrated-health-certificates/wellness-coaching-certificate/</p>		
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HWE 1061	<p>Fitness and Wellness</p> <p>Provides information on fitness and wellness and to serve as a guide to design, implement, and evaluate a complete personal fitness and wellness program. The course integrates the basic components of fitness and wellness in understanding human health in order to achieve well-being. This course offers current information in the health field and provides self-assessments for health risk and well ness behaviors. This includes lifestyle modification, nutrition, weight management, stress management, cardiovascular and cancer risk reduction, exercise and aging, exercise related injury exercise and the environment, prevention of sexually transmitted diseases, substance abuse (including tobacco, alcohol and other psychoactive drugs), and analysis and interpretation of research publications and websites in health and wellness.</p> <p>No prerequisite for this course.</p>	2
HWE 1050	<p>Human Nutrition</p> <p>Introduces basic principles of nutrition with emphasis on personal nutrition. This course focuses on macro and micro nutrients and their effects on the</p>	3

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	functions of the human body. Special emphasis is placed on the application of wellness, disease, and lifespan as it pertains to nutrition.	
HWE 1068	<p>Certified Personal Trainer Prep Course</p> <p>Provide the student with theoretical knowledge and practical skills in preparation for a nationally recognized personal training certification approved by the Colorado Community College System. These Certifications are limited to the following: ACSM, ACE, NSCA, NCSF, AFAA, and AEA. Upon certification, the student will have the ability to develop and implement exercise programs for healthy populations and/or those individuals with medical clearance to exercise.</p>	3

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