

Rocky Mountain High School

Curriculum Guide

2021-2022 School Year



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Dear Students,

Welcome to Rocky Mountain High School! This ***Curriculum and Registration Guide*** has been developed to assist you and your parents in planning your course of study. It has information on Rocky's graduation requirements, college entrance requirements, class descriptions and more. Please review the next page, which outlines our registration process.

Our counselors, teachers and administrators anticipate a smooth registration. We are always more than happy to offer assistance during this process. Please contact our Student Services Department at (970) 488-7032 or check out our website by going to the Rocky Mountain High School web page <http://rmh.psdschools.org> and click on "Counseling and Career Center."

The Staff of Rocky Mountain High School

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Gina Difelice	Wellness Center Coordinator	488-7081	eflowers@psdschools.org
Katrina Boschmann	Counselor: Special Assignment	488-7122	

Registration Process

The registration process is available at

<https://sites.google.com/psdschools.org/rmhreg/homepage>

GRADUATION REQUIREMENTS

To receive a high school diploma, students must earn 240 credits, **AND** complete one of the following (See next page for details):

A) Meet or exceed minimum scores in Mathematics or English on one or more state-approved measure,

OR

B) Meet one of the other individualized State-Approved College and Career Readiness Measures.

Requirement	Credits Required	Typical Year Taken				Rocky Classes
		9th	10th	11th	12th	
Language Arts	40	✓	✓	✓	✓	English 9, World Literature and Comp, US Literature and Comp, a Senior English Class
Civics/Government	5				✓	American Government, We the People, AP Government
US History	10			✓		US History, AP US History
Social Studies	10		✓			World History, Pre- AP World History, World Geography, AP Human Geography
Humanities	5			✓	✓	Classical, Contemporary, African, Asian, and American Humanities
Fine and Applied Arts	10	✓	✓			Visual Arts Classes, Performing Arts Classes, Technology Education Classes, Production-Based Business and FCS Classes
World Language or World Studies	10	✓	✓	✓	✓	Any World Language (Spanish, French, German) or World History or Pre-AP World History
Math and Computer Science	30	✓	✓	✓		Any Math class in this curriculum guide (note the sequences in the Math section) and/or classes in Computer science
Science	30	✓	✓	✓		Any Science class in this curriculum guide, beginning with Biology or ESS
Wellness	15	✓	✓	✓	✓	Must begin with PE1 and completed through other Wellness classes
Personal Finance	5			✓		Career and Financial Planning, Financial Life Management
Economics	5			✓	✓	Economics, AP Micro/Macro Economics, Business Economics
Electives	65	✓	✓	✓	✓	Any course taken after fulfillment of graduation requirements listed above
Total Credits 9-12	240	80	70	60	60	Recommended credits per year per grade level. We encourage students to take more than the minimum to graduate

Demonstrate Competence in English or Math

Students must demonstrate college and career readiness in both Mathematics and English by meeting or exceeding the required level of readiness in one of the following methods:

	English	Math
SAT (Preferred method)	470	500
ACT	18	19
ACT Workkeys	Bronze+	Bronze+8
Advanced Placement	2	28
ASVAB	31	31
Accuplacer	*62 on Reading Comprehension or 70 on Sentence Skills	61
Non-Assessment Options to Meet Competency		
Concurrent Enrollment or AP Class	Grade of C or better	
Rocky Capstone	Personal Finance Class We The People	
Industry Certificate	Individualized	

INCOMING FRESHMAN

You can decide if you want to keep any high school credit you earned in middle school.

GRADUATION COURSES TAUGHT IN MIDDLE SCHOOL

Excerpted from PSD Policy IKF-3 – Graduation, Diploma and Certificate Requirements

Students are eligible to receive PSD high school graduation credit for approved courses taught at a PSD middle school, or for out-of-district approved middle school courses reflected on an official transcript by meeting the following requirements:

- For PSD middle schools Pass the course with a grade of D or higher AND
- Take the year-end PSD Summative Assessment (SA) AND
- Complete all four quarters of the year-long course

For out-of-district middle school courses

- Credit was earned at an accredited school
- Complete all four quarters of a year-long course

Middle School and High School Registrars will be responsible for completing transcription of credit earning courses under the described guidelines

- If there is a question as to if a school is accredited the Curriculum Department will make the final decision
- Credit earned will be transcribed as recorded on the official transcript
- Partial credit will not be awarded for completing one semester of a two-semester sequence in middle school.

Middle School Courses Earning High School Credit and the Impact on High School GPA:

Grades received for credit earning courses DO calculate into a student's high school GPA. The only way to negate this impact is to decline the HS credit by opting-out.

OPT-OUT: As stated in District Policy IKF-3, Students/Parents have the option of declining high school graduation credit for approved courses taught at the middle school level. The window for declining HS credit begins the FIRST day of a student's ninth grade school year and ends the LAST day of a student's ninth grade school year.

PSD High School Credit for Middle School Courses Opt-Out Form: (available online from the PSD website https://www.psdschools.org/sites/default/files/forms/Opt_Out_Form_HS_Credit_for_MS-Courses.pdf or at student services) Must be filled out and have the required student, parent, and high school counselor signatures to be submitted to the high school registrar for processing. This form will be kept in the student's cumulative file. Once the credit is declined, the grade record removal is permanent and non-reversible.

Mandatory Opt-Out for Courses Repeated: A student who repeats the same course where high school credit was earned as a middle school student will not institute a mandatory opt-out for the repeated course. The repeated course will fall under the same guidelines of other courses repeated in high school.

SAMPLE SCHEDULE for the COLLEGE BOUND STUDENT

*Note that actual class periods will vary and students must be enrolled in 3 classes/quarter.

9th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	Health and Wellness or Teen Choices (5 credits)	Elective (5 credits)	World History or World Language (5 credits)	World History or World Language (5 credits)
Period 2	Lobo 101 (5 credits)	Elective (5 credits)	Math (5 credits)	Math (5 credits)
Period 3	English 9 (5 credits)	English 9 (5 credits)	Fine or Applied Arts (5 credits)	PE 1 (5 credits)
Period 4	Biology (5 credits)	Biology (5 credits)	Elective (5 credits)	Elective (5 credits)

10th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	World Literature and Composition	World Literature and Composition	World Geography	World Geography
Period 2	Earth Systems Science	Earth Systems Science	Math	Math
Period 3	PE / Wellness	Elective	Fine or Applied Arts	Elective
Period 4	World Language	World Language	Elective	Elective

11th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	US Literature and Composition	US Literature and Composition	Math	Math
Period 2	US History	US History	Science	Science
Period 3	Career and Financial Planning	Elective	PE / Wellness	Elective
Period 4	Elective	Elective	Elective	Elective

12th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	Math	Math	Senior English	Senior English
Period 2	Government	Economics	Humanities	Elective
Period 3	Elective	Open	Elective	Open
Period 4	Open	Elective	Open	Elective

SAMPLE SCHEDULE for the COLLEGE BOUND MUSIC STUDENT

*Note that actual class periods will vary and students must be enrolled in 3 classes/quarter.

9th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	English 9 (credits)	English 9 (credits)	Math (5 credits)	Math (5 credits)
Period 2	Lobo 101 (5 credits)	Elective (5 credits)	World History or World Language (5 credits)	World History or World Language (5 credits)
Period 3	Music (5 credits)	Music (5 credits)	Music (5 credits)	Music (5 credits)
Period 4	Biology (5 credits)	Biology (5 credits)	Health and Wellness or Teen Choices(5 credits)	Elective (5 credits)

10th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	World Literature and Composition	World Literature and Composition	World Geography	World Geography
Period 2	Music	Music	Music	Music
Period 3	Earth Systems Science	Earth Systems Science	Math	Math
Period 4	World Language	World Language	PE / Wellness	Elective

11th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	Music	Music	Music	Music
Period 2	US History	US History	Science	Science
Period 3	US Literature and Composition	US Literature and Composition	Math	Math
Period 4	Career and Financial Planning	Elective	PE / Wellness	Elective

12th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	Music	Music	Music	Music
Period 2	Math	Math	Senior English	Senior English
Period 3	Government	Economics	Humanities	Elective
Period 4	Elective	Elective	Elective	Elective

SAMPLE SCHEDULE for the TECHNICAL & VOCATIONAL SCHOOL STUDENT

*Note that actual class periods will vary and students must be enrolled in 3 classes/quarter.

9th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	Health and Wellness or Teen Choices (5 credits)	Elective (5 credits)	World History or World Language (5 credits)	World History or World Language (5 credits)
Period 2	Lobo 101 (5 credits)	Elective (5 credits)	Math (5 credits)	Math (5 credits)
Period 3	English 9 (5 credits)	English 9 (5 credits)	Fine or Applied Arts (5 credits)	PE 1 (5 credits)
Period 4	Biology (5 credits)	Biology (5 credits)	Elective (5 credits)	Elective (5 credits)

10th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	World Literature and Composition	World Literature and Composition	World Geography	World Geography
Period 2	Earth Systems Science	Earth Systems Science	Math	Math
Period 3	PE / Wellness	Elective	Fine or Applied Arts	Elective
Period 4	Elective	Elective	Elective	Elective

11th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	US Literature and Composition	US Literature and Composition	Math	Math
Period 2	US History	US History	Science	Science
Period 3	Financial Life Management or Career/Financial Planning	Elective	PE / Wellness	Elective
Period 4	PaCE	PaCE / ACE	PaCE	PaCE / ACE

12th Grade

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Period 1	Senior English	Senior English	Economics	Elective
Period 2	Humanities	Government	Elective	Elective
Period 3	Career Pathway Program at Front Range CC	Career Pathway Program at Front Range CC	Career Pathway Program at Front Range CC	Career Pathway Program at Front Range CC
Period 4	Career Pathway Program at Front Range CC	Career Pathway Program at Front Range CC	Career Pathway Program at Front Range CC	Career Pathway Program at Front Range CC

POST-SECONDARY PLANNING CHECKLIST and RESOURCES

College Planning Checklist

FRESHMAN				SOPHOMORE				JUNIOR				SENIOR			
Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring
DISCOVER															
PREPARE															
SELECT															
												APPLY			
												DECIDE			
												PAY			

[DISCOVER] YOUR INTERESTS, ABILITIES AND VALUES

- Participate in summer jobs, internships, and special enrichment programs. Volunteer!
- Complete online career surveys and self-assessments to find suitable majors, careers and colleges.
 - o **CAREER CRUISING**: use your Career Cruising account--sign in using your single sign on from the RMHS website hotlinks
 - o www.collegeincolorado.org >Click Create an Account >Click Choices Career Planner
- Shadow someone who has a job that interests you.

[PREPARE] FOR COLLEGE ADMISSIONS

- Attend the **9th -11th Grade College Planning Night in January**
- Attend your **Registration Meeting** with your counselor during late January/February.
Work on study & organizational skills, time & stress management, and test & note taking skills.
 - o www.educationplanner.com
- Develop a college prep curriculum with your counselor and teachers and maintain good grades.
- College Entrance Tests (**Rocky's CEEB Code is 060588**)
 - o Research which test scores are required by the colleges that interest you.
 - o Practice Tests
 - PSAT (for sophomores/juniors to prep for SAT and qualify as National Merit Scholar)
 - Register in October to take the test at Rocky
 - See your counselor for other scheduled practice ACT and SAT tests.
 - o SAT (juniors and seniors)
 - Begin preparing at www.collegeboard.org or www.khanacademy.org by January of your junior year.
 - All juniors will take the state SAT in April.
 - Find out if your college requires SAT Subject Tests for admission.
 - Register at www.collegeboard.com to take an additional SAT in the summer/fall of senior year.
 - o ACT (juniors and seniors)
 - Begin preparing at www.actstudent.org
 - Register at www.actstudent.org to take an additional ACT in the summer/fall of senior year.
- College Athletics & NCAA Eligibility
 - o Junior Year
 - Take the SAT. (State or National Test Date)
 - Visit the NCAA Eligibility Center at <http://eligibilitycenter.org> to:
 - Register and confirm that you are taking the approved NCAA classes.
 - Ask the College & Career Center staff to send a transcript to the NCAA in May.
 - o Senior Year
 - Take the ACT or SAT in the fall to improve your scores.
 - Ask the College and Career Center staff to send a transcript to the NCAA in May.

[SELECT] COLLEGES

- Visit your counselor and share your plans with the College & Career Center.
- Visit the College & Career Center to learn about resources.
- Research online for "good-fit" colleges and review admission requirements.
 - o Career Cruising
 - o www.CollegeinColorado.org, www.collegeboard.com & www.princetonreview.com.
- Visit College Admission Representatives
 - o Visit with them at Rocky. (The CAREER CRUISING website has visit days and times)
 - o Call colleges to schedule a campus visit.
 - o Attend the **In-State College Fair**
 - o Attend the **Out-Of-State College Fair**

[APPLY] TO COLLEGE

- Attend your **Senior Meeting** with your counselor during September of your senior year.
- Attend the **Senior Planning Night/Financial Aid Night** at Rocky.
- Check **DEADLINES!** Student Services recommends submitting applications by **October 31st** (or earlier).
- Apply Online**
 - o Use your XELLO account or visit college websites for links to online applications.
 - o Tip #1: Organize paperwork by making a folder for each college with to-do list on the front.
 - o Tip #2: Print a copy of your first application so you can use it to fill in information on others.
 - **Create a profile and open an application**
- Write Essay**
 - o Find out if the schools you're applying to require an essay.
 - o Get essay help from College Guide, English teachers, counselor, College and Career Center.
- Letters of Recommendation**
 - o Find out if the schools you're applying to require letters.
 - o Complete a **Resume** or an **Academic Profile** in College & Career Center.
 - o Give your letter writer(s) a copy of both your **Resume** and **Academic Profile**.
 - o Ask them to upload the letter into the Common App (if you are using that website) or email a COPY to Leah Kapral in Student Services and THANK them.
- Submit Application Paperwork** (counselor evaluation, essays, letters of recommendation)
 - o Fill out and give **Transcript Request Form** to Leah Kapral with receipt from the fee window for \$3/transcript.
- Interview**
 - Find out if the schools you're applying to interview
 - See your counselor and the College & Career Center for interview tips and preparation.

[DECIDE] WHICH COLLEGE IS RIGHT FOR YOU

- Consider what's important: location, cost, academics, activities, size, and program length?
- Compare financial aid packages and send your non-refundable deposit.

[PAY] WITH FINANCIAL AID, SCHOLARSHIPS AND FAFSA

- Begin searching for scholarships (start with the colleges to which you've applied and your Career Cruising account)
 - o **Set up at least one national database account at:** www.fastweb.com; www.scholarships.com; www.salliemae.com/scholarships
 - o **Local Scholarship Packet** will be sent to your school email and posted on the RMHS website
 - Available mid-December, and due mid-January of your senior year
- Register for **Colorado Opportunity Fund** at www.collegeincolorado.org if attending In-State.
- Checkout the **Western Undergraduate Exchange** (WUE) for lower out-of-state tuition options.
- FAFSA (Federal Application For Student Aid)
 - o Register for your FSA ID at <https://fsaid.ed.gov> (you will use this ID each year)
 - o Complete the FAFSA at www.fafsa.gov after October 1

CCHE COLLEGE ENTRANCE REQUIREMENTS

The Colorado Commission on Higher Education (CCHE) revised the Admission Standards Policy to include the addition of a pre-collegiate curriculum requirement. The revised admission standards apply to students who graduate from high school in spring 2010 and later and seek to *qualify for admission to Colorado's four-year public institutions*. Community colleges will continue to be open admissions; students enrolling in these institutions are not subject to admissions standards.

Summary of the Pre-collegiate Curriculum

This Pre-Collegiate Curriculum is a combination of courses, primarily in the areas of English, mathematics, biological and physical sciences, and social sciences that you must plan to complete as preparation for entering one of Colorado's four-year public colleges or universities listed below. Community colleges will continue to be open admissions and if you apply to these institutions you are not subject to these standards. For more information, visit the Colorado Commission on Higher Education's website and click on "Admissions Standards":

Academic Area	Pre-Collegiate Credit Requirement
English	40
Mathematics (<i>Algebra 1 and higher</i>)	40*
Biological/Natural Sciences (<i>20 credits - lab based</i>)	30
Social Sciences (<i>at least 10 credits of US or World History</i>)	30
World Language (must be same language)	10**
Academic Electives (<i>English, math, science, social studies, music or art</i>)	20
TOTAL CREDITS	170

***This means Colorado colleges will expect students to take 1 year of math above what Poudre School District requires students take to earn a diploma.**

****In addition, many colleges expect students to take more than 1 year (10 credits) of a World Language.**

For more information please visit:

<http://highered.colorado.gov/Academics/Admissions/coursecompletion.html>

NCAA ELIGIBILITY REQUIREMENTS

If you are planning to enroll in college as a freshman and you want to participate in Division I or II athletics you must be certified by the NCAA Eligibility Center. Registration must be done online at the NCAA website: <http://eligibilitycenter.org>. The NCAA charges a fee for this service - —some students may qualify for a fee waiver, please see the website or your counselor for details.

Below is a summary of information needed to think about as you plan your schedule. For detailed information, please refer to the following documents for students:

<http://www.ncaapublications.com/productdownloads/CBSA18.pdf>

For approved courses at Rocky, please click on this link and type in the NCAA High School Code for Rocky - 060588

<https://web3.ncaa.org/hsportal/exec/hsAction?hsActionSubmit=searchHighSchool>

DIVISION I ACADEMIC STANDARDS

Division I schools require you to meet academic standards for NCAA-approved core courses, core-course GPA and test scores. To be eligible to practice, compete and receive athletics scholarships in your first full-time year at a Division I school, you must graduate from high school and meet ALL of the following requirements:

1. Complete a total of 16 core courses in the following areas:
 - a. ENGLISH – 4 years
 - b. MATH (Algebra I or higher) – 3 years
 - c. NATURAL/ PHYSICAL SCIENCE (including one year of lab science, if offered)
 - d. ADDITIONAL (English, math, or natural/physical science) 1 years
 - e. SOCIAL SCIENCE – 2 years
 - f. ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy) - 4 years
2. Complete 10 out of your 16 core courses, including seven in English, math or natural/physical science, before the start of your seventh semester. Once you begin your seventh semester, you must have more than 10 core courses completed to be able to repeat or replace any of the 10 courses used to meet the 10/7 requirement. Students whose academic credentials are solely international (including Canada) are not required to meet the 10/7 requirement.
3. Complete the 16 NCAA-approved core courses in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
4. Earn an SAT combined score or ACT sum score that matches your core-course GPA (minimum 2.300) on the Division I sliding scale. SAT scores earned on or after March 2016 will be evaluated based on concordance tables established by the College Board.

DIVISION II ACADEMIC STANDARDS

Division II schools require college-bound student-athletes to meet academic standards for NCAA core courses, core-course GPA and test scores.

To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division II school, you must graduate from high school and meet ALL of the following requirements:

1. Complete 16 core courses in the following areas:
 - a. ENGLISH – 3 years
 - b. MATH (Algebra I or higher) – 2 years
 - c. NATURAL/ PHYSICAL SCIENCE (including one year of lab science, if offered)
 - d. ADDITIONAL (English, math, or natural/physical science) 3 years
 - e. SOCIAL SCIENCE – 2 years
 - f. ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy) - 4 years
2. Earn an SAT combined score* or ACT sum score that matches your core-course GPA (minimum 2.200) on the Division II competition scale.

ROCKY ATHLETIC INFORMATION

Athletic Director

Conrad Crist 488-7006

Athletic Secretary

Rosalyn Seale 488-7016

Athletic Training

Bailey Faber 970-227-2140

How does Athletic Eligibility work at Rocky?

Students must maintain enrollment in a minimum of three classes per term in order to be eligible to participate in interscholastic athletics. Athletes must also have passed at least five classes (25 credit hours) during the prior semester (1Q and 2Q, or 3Q and 4Q) in order to be eligible. Those who do not pass 25 credit hours during the prior semester will become ineligible.

Athletes may regain eligibility on specific dates in the 1st term and the 3rd term as determined by CHSAA. Rocky Mountain High School checks athletic eligibility on a weekly basis. Athletes identified as failing more than one class (on a cumulative basis) at the weekly checkpoint will lose one week of eligibility beginning on the following Monday. Athletes may be able to regain eligibility in summer school. Credits made up through summer school must be in the same curricular area, meet graduation requirements for PSD, and be recorded on the student's transcript. Credits must be completed by the Thursday prior to Labor Day. A class in an area required for graduation may be taken to replace credits failed in an elective class.

Schedules (once available) for all of Rocky's athletic events are available through the <http://rmathletics.org>. Schedules can be viewed by day/month or season. You can also visit our athletic website at <http://rmh.psdschools.org/athletics-0>.

For specific questions for individual sports, please contact the head coach.

FALL	WINTER	SPRING
Boys Golf Chris Nickel cnickel@psdschools.org	Boys Basketball Brian Tafel 488-7184 btafel@psdschools.org	Baseball Scott Bullock 488-7181 bullock@psdschools.org
Boys Soccer Shane Wagner shanew@psdschools.org	Cheerleading Lauren Roth larennicole0711@gmail.com	Boys Lacrosse Domenic Alfieri dom2710@gmail.com
Boys Tennis Drew Thompson athompson@psdschools.org	Dance rmhsdanceteam970@gmail.com	Boys Swimming TBA
Cross Country John Prasuhn 297-8620 jprasuhn@psdschools.org	Girls Basketball Justin Vallejo 30coachv@gmail.com	Girls Golf Chris Nickel cnickel@psdschools.org
Cheerleading Lauren Roth larennicole0711@gmail.com	Girls Swimming Karin Roh karin.roh@madwire.com	Girls Lacrosse Pam Kramer pkramer@psdschools.org
Dance rmhsdanceteam970@gmail.com	Wrestling Brad Hargreaves bhargrae@psdschools.org	Girls Soccer Ron Clark - 488-7205 rclark@psdschools.org
Field Hockey Meredith Peters fossilfieldhockey@gmail.com	Ice Hockey Dylan Strom dylan.strom@yahoo.com	Girls Tennis Susanna Styve sustyve
Football Mark Brook 488-7171 mbrook@psdschools.org	Nordic Ski Kyle Steitz kjsteitz@gmail.com	Track Jamie Mackenzie 691-1216 lobotandf@yahoo.com
Girls Gymnastics Jaia Sattler jsattler928@hotmail.com		
Softball Kaleo Chung kchung@psdschools.org		
Volleyball TBA		

COLLEGE CREDIT OPTIONS

ADVANCED PLACEMENT

Advanced Placement is a national program offered at Rocky in conjunction with The College Board. AP classes are college-level classes taught in high schools by teachers who have committed themselves to the standards and the curriculum developed by The College Board. In May of each year, AP students may take national examinations for which they can earn college credit. To send AP scores to Colleges and Universities, a student must directly request this to occur from The College Board.

What AP classes does Rocky offer?

AP Program Coordinator: Tim Bruell

Business	Macro and Micro Economics Computer Science A Computer Science Principles
Language Arts	Literature and Composition Language and Composition
Mathematics	Calculus AB Calculus BC Statistics
Science	Biology Chemistry Environmental Science Physics 1 and 2
Social Studies	Human Geography Modern European History Psychology United States Government Comparative Government United States History
Visual Arts	Art Studio (All Concentrations)
World Languages	French German Spanish

How is my GPA (grade point average) calculated?

Grade Point Averages (Policy IKC)

Poudre School District has traditionally adjusted a student's GPA for credits earned in Advanced Placement (AP) courses and International Baccalaureate (IB) courses. As access to additional post-secondary courses through concurrent enrollment grows in PSD, our practice of adjusting GPAs for these post-secondary level courses will grow as well. Beginning in the fall 2019, Poudre School District will provide a 0.002 adjustment for credits in all post-secondary courses. This means that, beginning in the 2019-2020 school year, any student in grades 9 – 12 who has completed any post-secondary equivalent courses with a "C" grade or better will receive this adjusted GPA. All current and past courses in a student's course history will be included. These courses include and are limited to:

- Advanced Placement (AP) courses taught in PSD or in other accredited institutions including online programs.
- International Baccalaureate (IB) courses
- Colorado University (CU) Succeed courses taught in PSD
- Concurrent enrollment courses
- Courses taught in PSD that are equivalent to a college level course. These are:

An example of how the adjusted GPA bonus point system will be calculated is shown below.

Total student credit earned	275	
GPA <u>before</u> bonus points applied:		3.86
Total AP or IB credits earned	35	
Multiplied by bonus factor of .002	$\begin{array}{r} \times \\ \hline .002 \end{array}$	
Bonus Points earned	.070	<u>+.07</u>
GPA <u>after</u> bonus points are applied:		3.93

DUAL COLLEGE ENROLLMENT OPPORTUNITIES

COLORADO STATE UNIVERSITY

Students may elect to take courses at CSU. Students are responsible for paying all tuition and fees for classes at CSU. See your counselor for more details.

CU SUCCEED

The CU Succeed Program is a unique program of the University of Colorado Denver that works with schools throughout Colorado to provide students with the opportunity to take courses in their high schools for both high school and college credit.

Credits Costs and Earned:

The cost per credit is \$77. Each class varies in the number of credits offered. Credits earned in CU Succeed courses appear on an official University of Colorado Denver transcript and can be applied to a degree program at one of the CU campuses (with limited exceptions), or they may be transferred to another college or university (Visit www.ucdenver.edu/cusucceed for more information regarding the use and transfer of credits). UC Denver cannot guarantee that its courses will transfer to all institutions, nor will it refund tuition for courses that do not transfer.

Enrollment Information:

Enrollment in CU Succeed courses for UC Denver credit is optional. Students who wish to enroll in CU Succeed courses and receive UC Denver credit must 1) obtain the consent of their parent or guardian and submit a consent form to their course instructors, 2) register for the courses online using the UC Denver registration system during the specified registration period, and 3) pay tuition for the courses to UC Denver at the rate of \$77 per credit. Unpaid tuition will result in additional service charges.

Classes that offer college credit thru CU-Denver include:

MATH	Calculus III AP Calculus AB AP Calculus BC College Algebra College Trig AP Statistics
SCIENCE	Chemistry Advanced Chemistry AP Chemistry
SOCIAL STUDIES	AP US History AP Psychology
LANGUAGE ARTS	British Literature and Composition
BUSINESS	Marketing Leadership Business Leadership

COLORADO'S CONCURRENT ENROLLMENT OPTIONS ACT - C.R.S. 22-35-108

Campus Select

- Front Range Community College or AIMS CC** - Through the state of Colorado's Concurrent Enrollment Options Act, students will be able to earn college credit for courses taken in high school. Most of these courses will be taken on the FRCC campus or AIMS campus. Courses must correspond to a student's ICAP (Individual Career and Academic Plan) and be taken in a student's chosen career pathway. All tuition will be paid by Poudre School District (PSD) so long as the course is successfully completed with a "C" or better. All fees and books must be paid for by the student.

Please refer to the following link for classes that are a part of the Colorado Guaranteed Transfer Program

<http://frontrange.smartcatalogiq.com/2015-2016/Catalog/Associate-Degrees/Colorado-Guaranteed-Transfer-Program-for-General-Education>

High School Select This program consists of high school classes receiving FRCC credit in some areas. The instructors are high school faculty who have met the same standards as on-campus instructors, and who have been granted adjunct faculty status by an academic department of the college. Tuition is covered by PSD with RMHS course fees (when applicable) being paid by the student. See your counselor for more details.

High School Select Classes currently offered at Rocky (subject to change):

BUSINESS	Accounting I Personal Finance Social Media for Business Web Design II
LANGUAGE ARTS	FRCC English Comp I FRCC Intro To Literature
FAMILY AND CONSUMER SCIENCES	FRCC Interior Design 2 Commercial Teacher Cadet I FRCC Teacher Cadet II A/B FRCC Catering II
MATH	Pre-Calculus Survey of Calculus
TECH ED	FRCC Mechanical Design I FRCC Solidworks/Mechanical FRCC Advanced Solidworks

WORLD LANGUAGE	German 4 Spanish 4
PERFORMING ARTS	RM Winds (Senior Year Only) Prima Voce (Senior Year Only) Singers (Senior Year Only)

Career Pathway Programs at Front Range Community College

The 3 high school programs offered at FRCC's Larimer Campus provide advanced career and technical training experiences for juniors and seniors from the public high schools in Larimer and Weld counties. While most programs are offered on the Larimer Campus, several are held at off-site locations. Professional workplace ethics and employment skills are taught in every program throughout the year. These programs are an extension of a student's home high school experience but are delivered by FRCC's Larimer Campus. All programs offer both high school and optional college credit. See specific program information for amount of credit available beginning on Page 82.

For more information visit: www.frontrange.edu/larimerhighschool

ASCENT PROGRAM

Program Overview:

ASCENT stands for Accelerating Students through Concurrent ENrollment. Students who have completed at least 12 credit hours of postsecondary courses (concurrent enrollment courses) prior to completion of his/her 12th grade year may be eligible for the ASCENT Program.

ASCENT allows students to remain enrolled at their home high school for a fifth year and take all classes at Front Range Community College or AIMS Community College. Poudre School District will pay the tuition. There is no tuition cost to students for participation in this program, but students are responsible for fees and textbooks. The school district will require that students pay back tuition if they earn an 'F' (fail) in a class, an 'I' (incomplete) in a class, or a 'W' (withdraw from a class).

College Classes During the ASCENT Year:

Students should enroll in classes that fit their educational and career goals as outlined in their ICAP's. Please note that tuition for developmental classes is not covered in the ASCENT program.

Eligibility:

Students must have completed at least 12 credit hours (semester hours or equivalent) of transcribed college credits prior to beginning their ASCENT year with a grade of C or better in each course that they have taken. Other eligibility criteria may be required by the school district, including testing prerequisites. Student will need a minimum overall high school GPA of **2.0** to qualify, and will be required to hold full-time student status senior year.

Enrollment Information:

Please see your high school counselor to enroll. ASCENT paperwork will be required by the school or school district, and students should ensure they meet all school and/or district deadlines.

Students are strongly advised to apply for financial aid in case their request for ASCENT funding is not approved. In some cases, financial aid may offer a better financial package to student than ASCENT can provide.

- ASCENT students will remain enrolled in high school their 5th year, but attend exclusively at the college
- Students will receive their high school diploma at the end of the 5th year
- Not be in need of basic skills coursework in their selected pathway;
- Students will have been selected for participation in the ASCENT program by his or her high school principal or equivalent school administrator
- Students must not have participated in the ASCENT program in previous years
- Have satisfied the minimum prerequisites for the course(s) before his or her enrollment in the course(s)

Questions? For additional information click [here](#). Contact PSD ASCENT Coordinator - Ms. Kelly Kappel E: kkappel@psdschools.org P: 970.217.5519

CLASS OFFERINGS

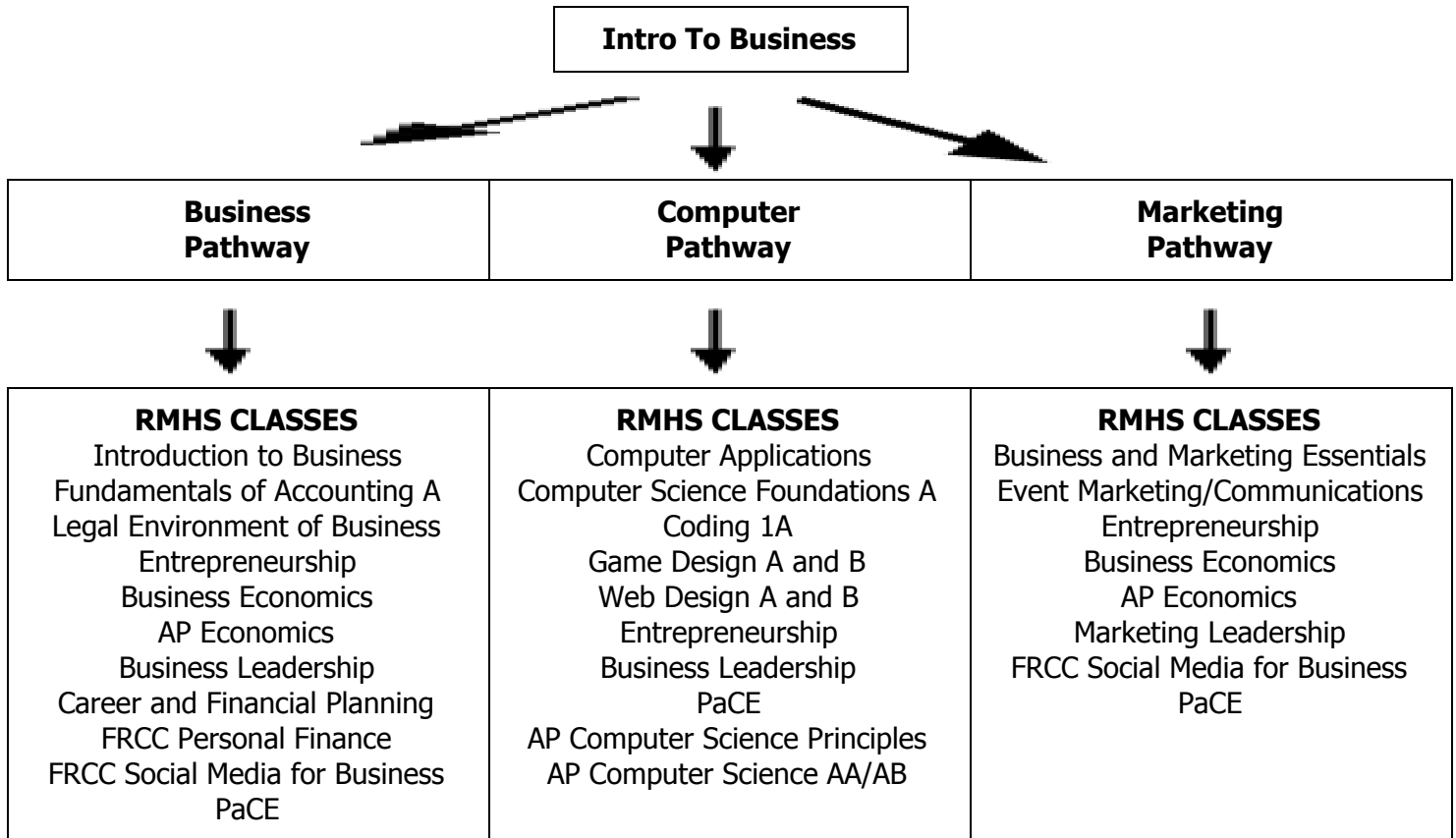
BUSINESS

Lynne Lyell, Business Department Head: llyell@psdschools.org or 488-7162

Business Education classes should be considered as college preparation or career and technical preparation. Business classes offer the college-bound student the opportunity to explore and prepare for post-secondary business programs. From the career and technical standpoint, a class or sequence of classes can lead to initial job competence, can develop a supplemental job skill, or can provide a basic skill for part-time employment. FBLA (a student leadership organization for business students) and DECA (a student leadership organization for marketing students) provide social, community, leadership, and competition activities for students.

Many of Rocky graduates go on to college and major in Accounting, Finance, Business Administration or ultimately own their own business. The Business Education Department offers a tremendous opportunity for all students to get a head start for college or to explore career options. The following classes are recommended to help develop a background to pursue careers in the following Business Education concentration areas.

These sequences are only recommendations.



AP MACRO/MICRO ECONOMICS (7233/7234)

Credit: 10

Grades: 11th – 12th

Prerequisite: Algebra

Requirement: Economics

The purpose of this AP class in economics is to give students a thorough understanding of the principles of micro and macroeconomics. Microeconomics studies the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Macroeconomics studies the economic system as a whole. Emphasis is placed on the study of national income and price-level determination. Students are familiarized with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. This course meets the PSD graduation requirement for Economics.

AP COMPUTER SCIENCE A (6330)

Credit: 10

Grades: 10th – 12th

Prerequisite: Intro to Computer Science and Alg 2

Requirement: Math & Computer Science

The AP Computer Science A course is an advanced course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

AP COMPUTER SCIENCE PRINCIPLES (6331)

Credit: 10

Grades: 10th – 12th

Prerequisite: Intro to Computer Science Recommended

Requirement: Math & Computer Science

AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. The AP Computer Science Principles course will introduce you to the essential ideas of computer science and show how computing and technology can influence the world around you. You will creatively address real-world issues and concerns while using the same processes and tools as artists, writers, computer scientists, and engineers to bring ideas to life.

FUNDAMENTALS OF ACCOUNTING A (1830)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Elective

This introductory accounting course is important for any student interested or managing a business, becoming an entrepreneur or studying business in college in the future. It introduces students to the basics of financial statements and bookkeeping methods that are universal for all businesses, while utilizing simple math and learning business world protocols and language. Students will learn industry relevant accounting principles

for a service business organized as a sole proprietorship or a partnership. Students will be introduced to QuickBooks Pro automated accounting. Fee: \$25

BUSINESS ECONOMICS (1920)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Economics

Students will learn and be able to apply economic logic in solving business problems and in analyzing current topics. Course emphasis is on the role of free markets in determining economic well-being. Course covers the fundamentals of micro and macroeconomics. This course offers students the opportunity to apply what they learn through interactive projects and group assignments. **This course meets the PSD graduation requirement for Economics.**

CU SUCCEED BUSINESS LEADERSHIP A B (1763BS1 or BS2 CEU)

3 CU Denver credits available

Credit: 10

Grades: 11th – 12th

Prerequisite: Business classes and teacher recommendation

Requirement: Elective

Advanced business students will develop their knowledge of business concepts (Management, Entrepreneurship, Marketing, Accounting, etc.) through a wide range of activities and projects. Learning opportunities may include direct experiences such as field trips, guest speakers, DECA & FBLA conference preparation, project and event management and other business experiences. Students should plan on participating in FBLA & DECA. Business teacher recommendation for this class.

CAREER AND FINANCIAL PLANNING (2300)

Credit: 5

Grades: 11th

Prerequisite: none

Requirement: Personal Finance

Students will inventory their interests and aptitudes, explore careers, learn appropriate use of technology, polish communication/interview skills and develop a job portfolio. Students will consider their short- and long-term goals, then create and apply a financial plan to achieve those goals. Financial concepts like diversification, liquidity, income, and growth will be presented in a student-relevant context of spending, saving, borrowing, and investing. The risks and benefits of personal credit will be explored so that students may intelligently develop and evaluate risk-management strategies. **This course meets the PSD graduation requirement for Personal Financial Literacy**

PERSONAL FINANCE (1930CEFRCC)

Credit: 5

Grades: 11th

Prerequisite: none

Requirement: Personal Finance

Finance introduces students to the exciting world of money. This course will examine: the American monetary system banking insurance real estate money markets the stock market international banking and investment strategies. Students will learn financial concepts through the use of simulation investment planning decision making and examination of current issues. Learn how to play the money games. This class articulates to Front Range College (see instructor or counselor for more information). This course meets the PSD graduation requirement for Personal Financial Literacy.

FRCC INTRO TO PC APPLICATIONS (1750CEFRCC)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Elective

Introduces computer concepts and components as well as application suite software and the internet. Includes hands on experiences with word processing, spreadsheets, databases, and operating environments. In addition to application software, students in this course will work collaboratively with their classmates using web-based applications.

ENTREPRENEURSHIP (1770)

Credit: 5
Grades: 10th – 12th
Prerequisite: None

Requirement: Elective

Entrepreneurship teaches you how to start your own business. Each student will design a business plan which includes development of an idea, sources of financing, location and building analysis, market research, business policies and procedures, promotional plans, and uses of professional services. This class is open to any student who wants to be their own boss.

GAME DESIGN A (1751)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Fine/Applied Arts or Math & Computer Science

This course is an introduction to the theory and practice of computer game design and programming. Students will use a variety of development software, including Construct 3 and Unity to design and program games at the beginner to intermediate level. Online tutorials, readings, and projects will cover various aspects of computer game design, production, and application. Students will be able to plan, design and create their own individual and collaborative game projects.

GAME DESIGN B (1754)

Credit: 5
Grades: 9th – 12th
Prerequisite: 1751 GDD

Requirement: Fine/Applied Arts or Math & Computer Science

Game Design 2 expands on programming and design concepts taught in Game Design and Development. This course is project based and students will have the opportunity to choose individual projects focusing on 2D, 3D, or Mobile designs. Students will utilize a variety of software programs to create their games based on their chosen focus. By the end of the course, students are able to design, build, test and successfully play interactive games.

INTRODUCTION to BUSINESS (1851)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Elective

Students will be exposed to the fundamental concepts of business and marketing. Skills include basic business concepts, organizational communication, human resources management, entrepreneurship, accounting, finance, and leadership. Students will be exposed to courses within the Business and Marketing career pathways and leadership organizations, such as FBLA and DECA. **At Rocky Mountain High School, this class is recommended for grades 9 and 10.**

COMPUTER SCIENCE FOUNDATIONS A (6320)

Credit : 5

Grades: 9th – 12th

Prerequisite: Algebra 1

Requirement: Math & Computer Science

Introduction to Computer Science is designed to provide the student with an introduction to computer programming techniques and acquaint him/her with various coding languages, including the Java language and operating system. The course topics follow the AP Computer Science A syllabus to allow students to grasp the concepts needed to continue into AP Computer Science A the following school year. Some of the topics included are data types control structures class design and list processing.

CODING 1A (2122)

Credit : 5

Grades: 11th – 12th

Prerequisite: Algebra 2

Requirement: Math & Computer Science

Coding I is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multi step procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution.

LEGAL ENVIRONMENT OF BUSINESS (1910)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Elective

The law touches all of our lives in some way! Law and Justice provides an opportunity for the student to learn about our legal system and laws that apply to the student's life within his/her community. A major purpose of this class is to help the student recognize and avoid legal difficulties in business dealings and to seek professional counsel when needed.

BUSINESS AND MARKETING ESSENTIALS (1760)

Credit: 5

Grades: 9th – 12th

Prerequisite: None

Requirement: Elective

Learn to market products and services. This exciting class explores the concepts of advertising, display, salesmanship, and marketing concepts of product, price, place, and promotion. Student-oriented activities include computer simulations, development of products, group activities, and individual projects. Open to any student who wants to be challenged by the fundamentals of marketing.

INTERNATIONAL MARKETING (1776)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Elective

Enables the student to explore the international marketing for U.S. products, and to explore the increasing competitive international environment and recent changes in the environment that have challenged U.S. business. The course is designed to make the reader an "informed observer" of the global marketplace as well as enabling him/her to develop skills to make marketing decisions in a global context.

FRCC SOCIAL MEDIA FOR BUSINESS (8188CEFRHS)

Credits: 5
 Grades: 9th – 12th

Prerequisite: Intro to Business & Marketing highly encouraged Requirement: Elective

Students learn how to use social media as a business strategy and how to match that strategy with the goals of the business. This course addresses current trends, ethics, regulations, legal challenges, strategy, content development, and change management. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals

CU SUCCEED MARKETING LEADERSHIP A B (1763MS1 or M2CEU)**3 CU Denver credits available**

Credit: 10
 Grades: 11th – 12th

Prerequisite: Marketing and teacher recommendation Requirement: Elective

Advanced marketing students will develop their knowledge of marketing concepts through a wide range of activities and projects. Learning opportunities may include direct experiences such as field trips, guest speakers, DECA conference preparation, project and event management, and other marketing experiences. Both in-town and out-of-town field trips are planned for competitive events and visits to business partners. Students should plan on participating in DECA. Marketing teacher recommendation is required for this class.

EVENT MARKETING/COMMUNICATIONS (1758)

Credit: 5
 Grades: 10th – 12th

Prerequisite: None Requirement: Elective

Explore the intriguing world of sports and entertainment from the perspective of marketing. The areas this class will cover include review of basic marketing principals, marketing college and professional sports teams and venues, marketing products through sports and entertainment, entertainment marketing, sports marketing plans, sponsorship proposals, and career opportunities within the sports and entertainment industries. Learning activities will include simulations, current and real-life events, individual and group projects and presentations.

WEB DESIGN FOUNDATIONS A (1766)

Credit: 5
 Grades: 9th – 12th

Prerequisite: None Requirement: Fine/Applied Arts or Math & Computer Science

Students in this course will use computers and technology to gain proficiency in graphics and web design. Projects will include web pages for personal and educational use. Additional topics will include html coding and CSS coding, graphic design and manipulation, electronic correspondence, internet literacy, multimedia authoring, and open source alternatives. Students will be expected to explain and model appropriate technology ethics. Software Includes: Photoshop, Flash, Fireworks, and Open Source Alternatives.

FRCC WEB DESIGN FOUNDATIONS B (1767CEFRCC)

Credit: 5
 Grades: 9th – 12th

Prerequisite: Web Design 1 or teacher approval Requirement: Fine/Applied Arts or Math & Computer Science

Students in this course will use computers and technology to gain advanced skills in graphics and web design. This class is project based and students will have the opportunity to choose individual project topics.

Topics covered in this class will include advanced html and CSS coding, advanced graphics manipulation, e-commerce practices, web site management and commercial implementation. At the conclusion of this class students will be able to create commercially viable websites and present themselves to the public in a professional, business-like manner. Students will be expected to explain and model appropriate technology ethics. Software Includes: Adobe Creative Suite (Dreamweaver, Photoshop, Flash, Fireworks), and Open Source Alternatives.

COMPUTER PATHWAYS CAPSTONE (7284)

Credit: 5

Grades: 10th – 12th

Prerequisite: Game 1, Web 1, or Intro to CS.

Requirement: Fine/Applied Arts

This advanced class allows students to choose a programming focus. Students will study a specific programming language (Java, Python, Javascript, HTML/CSS, C# in Unity), build projects to apply their knowledge and culminate by taking an industry certified MTA developer exam.

FAMILY and CONSUMER SCIENCES

Kelsey Mauch, FCS Department Head: kmauch@psdschools.org or 488-7098

PATHWAYS

Family & Consumer Sciences

Hospitality, Food & Nutrition Possible Careers: Catering Management, Culinary Arts, Dietary Services, Food Photojournalism, Health Inspection, Nutrition	LIFE MANAGEMENT (4210) CULINARY NUTRITION (4410B) CATERING 1 (4440) CATERING 2 (4441)
Visual & Design Arts Possible Careers: Fashion Design, Fashion Journalism, Fashion Merchandising & Sales, Interior Design, Marketing, Promotions Coordination, Wholesale & Retail Buying	LIFE MANAGEMENT (4210) INTERIOR DESIGN I & II (4340/4341) FASHION DESIGN I & II (4390/4391)
Education & Human Services Possible Careers: Child Care, Counseling, Curriculum Development, Home Health Care, Library Services, Pediatrics, Social Work, Teaching	TEEN CHOICES (4041) CHILD & ADOLESCENT DEVELOPMENT (4310) LIFE MANAGEMENT (4210) INTERPERSONAL RELATIONSHIPS (7290) EDUCATION EXPLORATION (4019) TEACHER CADET I & II (4023/4029)

TEEN CHOICES (4041)

Credit: 5
 Grades: 9th – 12th
 Prerequisite: None

Requirement: Wellness

Are you interested in learning more about the important decisions you are faced with now and in the future? In this course, you will learn how to make healthy decisions throughout your teen years. You will learn skills and practices required by individuals to develop and manage social, psychological, and physical wellness. Topics include: interpersonal relationships, stress management, safe sexual decision making, anti-substance use practices, and teens and the law. **This course meets the PSD graduation requirement for Wellness.**

LIFE MANAGEMENT (4210)

Credit: 5
 Grades: 11th – 12th
 Prerequisite: None

Requirement: Personal Finance

Unless you plan to live at home the rest of your life this class is for you. Everything you need to know about living on your own from finding a job and researching your career options to moving out and cooking for yourself. Living on your own means learning how to manage your money. Our Finance unit will focus on banking, budgeting, credit and investing for the future. End the semester learning how to be a smart consumer including basic cooking skills to help you save money and eat healthy. **This course meets the PSD graduation requirement for Personal Financial Literacy.**

CHILD AND ADOLESCENT DEVELOPMENT (4310)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Elective

Do you like children? Are you interested in a career working with children? If you answered —yes, then this is for you! This course focuses on knowledge and skills related to the development, care, guidance, and protection of children. Instruction addresses the principles of promoting the physical, emotional, social, and intellectual development of children. Other topics include parenting rights and responsibilities, pregnancy, and prenatal care and development. This class is also a great foundation for students interested in psychology, sociology and human development.

INTERPERSONAL RELATIONSHIPS (7290)

Credit: 5
Grades: 10th – 12th
Prerequisite: None

Requirement: Elective

Dating? Evolving friendships? Relationships with parents? This course is about all these things and more. This class will help you seek new positive relationships with others and improve the quality of your current relationships. Emphasis will be placed on positive communication, conflict resolution, and the changing demographics of families and relationships. Relationships are often the most important aspects of our lives- learn how to develop yours!

CULINARY NUTRITION (4410B)

Credit: 5
Grades: 9-12
Prerequisite: None

Requirement: Wellness

Are you curious about how the food you eat impacts your health and performance? You will learn how to develop lifelong healthy eating choices along with basic cooking techniques. Emphasis is placed on implementing healthy nutritional choices, preparing nutrient dense foods, exploring careers related to culinary nutrition and current food trends. You will gain valuable hands-on experience during food labs. **This course meets the PSD graduation requirement for Wellness. At RMHS there is a \$25.00 course fee**

CATERING I (4440)

Credit: 5
Grades: 10th – 12th
Prerequisite: prior food prep highly recommended

Requirement: Fine/Applied Arts

If you have a passion for food and are craving to expand your culinary skills, this class is the place for you. This class allows you, the "foodie," to further develop your food preparation skills and explore the social aspects of food and entertaining. You will learn how to create beautiful food presentations and understand how to create a subtle mix of flavors. You will gain the knowledge, skills and practices required for careers in food production and services. You also have the exciting opportunity to help cater an event. **This course meets the PSD graduation requirement for Fine and Applied Arts. At RMHS there is a \$25.00 course fee**

FRCC CATERING 2 (4441CEFRCC) FRCC Concurrent Enrollment Credit Offered

Credit: 5
Grades: 10th - 12th
Prerequisite: Catering 1

Requirement: Fine/Applied Arts

This course discusses in detail the critical aspects of management involved in running a catering business like advanced food safety practices, party planning, cooking for a crowd, planning meals, what kind of kitchen you will need, dealing with customers, understanding how to price your services, and moving the food safely from one location to another. If you are passionate about food and you feel like you have what it takes to start your own catering business, this course can help you understand the critical steps involved in starting off on the right foot. You will be a part of managing several events throughout the semester to harness your skills in this exciting career field. **This course meets the PSD graduation requirement for Fine and Applied Arts.**

At RMHS there is a \$25.00 course fee

INTERIOR DESIGN I - RESIDENTIAL (4340)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Fine/Applied Arts

Are you passionate about design and home décor? Do you rearrange your furniture regularly? Ever dream about designing for HGTV? This course will introduce you to the profession of Interior Design in a hands-on environment. You will learn the elements and principles of design within the context of residential interiors, learn to design personal spaces with flair, and manage client relationships. Time to start designing! **This course meets the PSD graduation requirement for Fine and Applied Arts. At RMHS there is a \$15.00 fee for this course.**

INTERIOR DESIGN 2 - COMMERCIAL (4341) FRCC Concurrent Enrollment Credit Offered

Credit: 5
Grades: 10th – 12th
Prerequisite: Interior Design 1 (C or better recommended)

Requirement: Fine/Applied Art

Do you find yourself admiring the design of your favorite café as you sit and enjoy your cup of coffee? Are you intrigued by the elaborate architecture and décor inside hotels as you travel? This course is a hands-on class that allows you to apply your knowledge of Interior Design in a Commercial setting. You will take the skills of working with clients from Interior Design I and learn how to design for all of the customers and clients that will use the space. College credit is available for this course. **This course meets the PSD graduation requirement for Fine and Applied Arts. At RMHS there is a \$25.00 fee for this course.**

FASHION DESIGN AND MERCHANDISING I (4390)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Fine/Applied Arts

Is Paris calling you? Do you have a flair for fashion? Join us in the study of the world of fashion. Topics will include: elements and principles of design, history of fashion, fashion trends, sketching for design and textile selection. You will be encouraged to challenge your knowledge and creativity with an assortment of projects related to fashion. By the end of this class you will have the skills to further develop your passion for fashion. **This course meets the PSD graduation requirement for Fine and Applied Arts. At RMHS there is a \$15.00 fee for this course.**

FASHION DESIGN AND MERCHANDISING 2 (4391)

Credits: 5

Grades: 9th – 12th

Prerequisites: Grade of C or better in Fashion Design I

Requirement: Fine & Applied Arts

So you have conquered Paris and you are now ready for the world of fashion! This class is for you. We will utilize all the skills you learned in Fashion I and take it up a notch or two. We will learn construction techniques, spend more time with design, explore the world of fashion merchandising and other career options in the industry, and learn how to take your own design from the drawing board into your favorite retail store. Time will be spent researching and exploring career opportunities in the fashion industry. **This course meets the PSD graduation requirement for Fine and Applied Arts. At RMHS there is a \$25.00 fee for this course.**

EDUCATION EXPLORATION (4019)

Credits: 10

Grades: 9th – 12th

Prerequisite: None

Requirement: Elective

Education Exploration is a semester course designed to provide students with an overview of professions within education. Students will discover their own learning style and how learning styles impact teaching and the delivery of lessons. Experiences with various education professionals will enhance the understanding of classroom planning, licensure requirements, and career opportunities within school systems. This course includes a minimum of 15 extended learning hours, which may be outside of class time. With exemplary performance and instructor recommendation, students may apply for the Teacher Cadet program without meeting the 3.0 GPA requirement.

TEACHER CADET 1 A B (4023S1) *FRCC Concurrent Enrollment Credit Offered*

Credits: 10

Grades: 11th – 12th

Prerequisites: See Ms. Mauch

Requirement: Electives

Interested in teaching as a possible profession? Interested in the role education plays in society? If so, this is the class for you! Students in this class will be involved in a fast-paced, innovative, hands-on curriculum where they gain knowledge about teaching and learning. Teacher Cadets will develop and master skills that will be helpful in college and beyond, such as presentation, public speaking, writing, communication, and reasoning. This is a course with college credit options. Each student will make a difference with children as they "try out" teaching in a "mini-teaching" experience. **This course involves an application process, please see Ms. Mauch for details.**

FRCC TEACHER CADET II A B (4029S1) *FRCC Concurrent Enrollment Credit Offered*

Credits: 10

Grades: 11th – 12th

Prerequisites: Teacher Cadet I, Application

Requirement: Language Arts/Elective

Teacher Cadet II is designed to provide additional field experience for those students who have successfully completed the Teacher Cadet course. For students who know they want to enter the education profession this field experience will enhance their understanding of classroom instruction and the challenges facing education today. The field experience include a minimum of 65 hours each semester of field contact time working with a mentor teacher plus 10 hours of seminar time at the home high school. Field experience

placement will consist of two sites, a different site each semester, to provide a variety of experiences. These experiences will be documented in a culminating portfolio.

CONCURRENT ENROLLMENT OPTIONS

PSD Course	FRCC Course	FRCC Liaison
Interior Design II	Intro to Interior Design (IND 105)	Nowell Vincent
Catering I/Catering II	Culinary Arts 101 and 125	Teresina Davie
Teacher Cadet I	EDUC 221/188	Ann Marie Jacobsen
Teacher Cadet II	EDUC 220/288	Ann Marie Jacobsen

Common Course Numbering: https://erpdnssb.cccs.edu/PRODCCCS/ccns_pub_controller.p_command_processor

FRCC Concurrent Enrollment Coordinator:

Lauren McPherson lauren.mcpherson@frontrange.edu

Student Expectations:

1. Talk to counselor – Courses need to match their ICAP goals
2. Apply to Front Range online
3. Students do not have to take Accuplacer
4. Complete a concurrent enrollment agreement form for PSD

LANGUAGE ARTS

J.D. Williams, Language Arts Department Head: johnw@psdschools.org or 488-7183

RECOMMENDED SEQUENCE OF CLASSES

9th Grade

English 9 /or/ Pre-AP English 9

10th grade

World Literature and Composition /or/
Pre-AP World Literature and Composition

11th grade

U.S. Literature and Composition /or/
AP Language and Composition (College Credit Available--AP Test)

12th Grade

10 CREDIT LANGUAGE ARTS CLASSES

AP Literature and Composition (College Credit Available--AP Test)
British Literature and Composition (College Credit Available--AP Test/CU Succeed)
Media Analysis and Composition
Modern Literary Perspectives
Short Fiction
FRCC Intro to Literature I/English Composition I (FRCC Credit Available)

Enrichment Courses

5 CREDIT CLASSES

Argumentation and Debate
Basic Speech
British Literature: Shakespeare
College Prep Composition (College Credit Available--CU Succeed)
Creative Writing: Poetry/Non-Fiction
Creative Writing: Short Story/Drama
Forensics

10 CREDIT CLASSES

Journalism 1, Journalism 2

The following classes can be taken at any time for Language Arts credit in Grades 9-12:

- College Prep Reading; Communication and Study Skills (requires instructor approval); Journalism 1 and 2; Creative Writing: Poetry; Creative Writing: Short Story; Argumentation & Debate; Basic Speech; Forensics

The following classes do not receive Language Arts credit.

- Advanced Speech
- Yearbook
- Reading and Writing Improvement, Reading Literacy 9
- Introduction to Acting, Advanced Acting (Front Range concurrent credit offered), and Musical Theatre Production receive *Fine & Applied Arts credit*.

ADVANCED ACTING and PRODUCTION (5240)

Credit: 5

Grades: 10th – 12th

Prerequisite: Intro to Acting or Instructor Approval

Requirement: Fine/Applied Arts

Students' skills are enhanced through practice and performance. An in-depth study of drama theory, history, and play analysis begins this course. During the second half, students direct, produce, and act in a traveling children's theatre production. Contact drama teachers for additional information. Auditions and/or portfolios may be required. This course will focus on the study of the literature of the theater, reading and analyzing plays, performing scenes and exploring advanced stagecraft techniques. Students' skills are enhanced through practice and performance. ***This class is offered for concurrent enrollment through Front Range Community College.***

AP LITERATURE and COMPOSITION (5860)

Credit: 10

Grades: 12th

Prerequisite: US Literature and Comp. or AP Language and Comp.

Requirement: Language Arts

This class includes the study of short stories, drama, novels, and poetry, with an emphasis on discussion and analysis of these works of literature. Students read and study famous authors from ancient to contemporary times. This class is designed to complete an accelerated sequence of reading and writing classes in high school. Students may subsequently sign up to take the AP Literature examination for college credit in English. ***At RMHS, it is recommended that students have a strong writing ability prior to taking this class. At Rocky, students do not need to take Pre-AP classes to take this class, though they are recommended.***

AP LANGUAGE and COMPOSITION (5861)

Credit: 10

Grades: 11th

Prerequisite: World Lit and Comp or Pre-AP World Lit and Comp

Requirement: Language Arts

This junior level class will provide both a scope and sequence focus U.S. literature and language and preparation for the AP English Language and Composition Exam. This course focuses on the development of sophisticated skills in English as they pertain to literature and to language. Along with their readings in U.S. literature, students will study writing style usage and practice rhetorical analysis of fiction and non-fiction. The study of language itself, differences between oral and written discourse, formal and informal languages, and historical changes in speech and writing will often be used as an organizational strategy. Nonfiction rhetorical analysis is the central mode of reading in this course. ***At Rocky, students do not need to take Pre-AP classes to take this class, though they are recommended.***

ARGUMENTATION and DEBATE (5900)

Credit: 5

Grades: 9th – 12th

Prerequisite: None

Requirement: Language Arts

The theory and practice of argument will be discovered and applied in various persuasive situations. Public Forum, Lincoln-Douglas, and legislative debate techniques will be introduced. Students will research and write debate cases and participate in debates in class. Skills in researching, organizing, and writing arguments will be emphasized in addition to oral analysis and refutation.

BASIC SPEECH (5250)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Language Arts

Basic Speech is designed as a fundamental class to improve public speaking in formal and informal settings. The class focuses on organization, preparation, and delivery of solo and group speaking opportunities. Types of speeches include informative, visual aid, demonstration, and persuasive. Work also includes effective listening, oral interpretation and group discussion.

BRITISH LITERATURE and COMPOSITION (5440CECU) 3 CU Denver credits available

Credit: 10
Grades: 11th – 12th
Prerequisite: US Literature and Comp. or AP Language and Comp.

Requirement: Language Arts

Recommended for the college-bound junior or senior, this class is designed as a study of representative works of British literature. In addition to the literature, the history and culture of each period are studied. Terms of literary analysis are studied and applied. The class also includes vocabulary study, history of the English language, preparation for college tests, composition, research, and project-based learning. ***At RMHS, the AP Language and Composition curriculum is embedded into this course. While this is not an AP class, students are encouraged to take the AP Language and Composition exam.***

CREATIVE WRITING: POETRY and NON-FICTION (5221)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Language Arts

This class enables students to explore and develop their special interests in writing a variety of poems and creative non-fiction and to critique each other's work. The ability to listen attentively, to respond honestly in criticizing others' writing, and to accept criticism is essential. ***At Rocky, evaluation will be ongoing and will include maintaining and submitting a number of portfolios, and a culminating multi-genre final project. Students are expected to share their written work aloud in small- and large-group settings. Students taking this class are expected to practice writing daily in class..***

CREATIVE WRITING: SHORT STORY and DRAMA (5222)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Language Arts

This class enables students to write original short stories, and a one-act play. The ability to listen attentively, to respond honestly in criticizing others' writings and to accept criticism is essential. ***At Rocky, evaluation will be ongoing and will include maintaining and submitting a number of portfolios, and a culminating multi-genre final project. Students are expected to share their written work aloud in small- and large-group settings. Students taking this class are expected to practice writing in and (potentially) out of class on a daily basis.***

ENGLISH 9 (5030)

Credit: 10
Grades: 9th

Prerequisite: None

Requirement: Language Arts

English 9 standards call for the student to communicate effectively in writing and speaking; to read, analyze, and interpret literature; and to use appropriate resources and skills to conduct research. Students build writing skills in many forms and are expected to meet the district writing standard in three specific areas: narrative writing, informative/explanatory writing, and argumentative writing. Criteria for evaluation includes focus and organization, development, mechanics (e.g., spelling, punctuation, capitalization), and style (sentence structure and vocabulary). Literature study, which focuses on the concept of theme within various literary genres, includes short stories, novels, and plays. Most all students will read *Romeo and Juliet* and *To Kill a Mockingbird*.

PRE-AP ENGLISH 9 (5034)

Credit: 10

Grades: 9th

Prerequisite: None

Requirement: Language Arts

Pre-AP English 9 is based upon the same curriculum and standards as English 9, but is designed to emphasize the skills and habits of mind that will be needed to take Advanced Placement English courses and the Advanced Placement exams. Students will be challenged to do more with literary comparison, composition, and the higher order thinking skills of analysis, synthesis and evaluation. Ninth-grade English course content is covered in greater depth and with more insight. ***At Rocky, the suggested sequence after this course is Pre-AP World Lit and Comp, AP Language & Composition, and AP Literature & Composition.***

FORENSICS (5910)

Credit: 5

Grades: 9th – 12th

Prerequisite: Instructor Approval

Requirement: Language Arts

Students will study all areas of forensic competition, and will be expected to specialize in interp, public speaking, and/or debate events. ***At Rocky Mountain High School, Forensics is a performance-based class. Thus, a large percentage of the class grade is based upon interscholastic competition.***

INTRODUCTION TO ACTING (5227)

Credit: 5

Grades: 9^h – 12th

Prerequisite: None

Requirement: Fine/Applied Arts

This course is geared toward anyone who wishes to learn the basics of theatre, including skills such as improvisation, monologue and scene work, technical theatre, as well as a brief history of theatre.

JOURNALISM 1 (5270R)

Credit: 10

Grades: 9th – 12th

Prerequisite: None

Requirement: Language Arts

Students learn to examine professional news reporting and to write journalistically. The fundamentals of meeting deadlines, journalistic ethics, news gathering, interviewing, reporting, news writing, and newspaper design are all learned as a basis for newspaper production. ***At RMHS, this course is a prerequisite for Journalism 2 and reporting for The Rocky Mountain Highlighter. Students will be introduced to the practices and skills of convergence media.***

JOURNALISM 2 (5280R)

Credit: 10

Grades: 10th – 12th

Prerequisite: Journalism 1, Instructor Approval

Requirement: Language Arts

Production of the school newspaper is the responsibility of students in this class. They perform in various capacities as editor, reporter, business manager, photographer, artist, cartoonist, videographer, or production editor. The school newspaper provides a forum for student expression. **At RMHS, taking this class requires an application, an interview and acceptance. Please contact Mrs. Amy White in the Media Center lab for information. The four-term experience is recommended.**

MEDIA ANALYSIS and COMPOSITION (5526Y)

Credit: 10

Grades: 12th

Prerequisite: US Literature and Comp. or AP Language and Comp.

Requirement: Language Arts

Media Analysis and Composition is a senior-level English course. In order to take Media Analysis and Composition, US Literature must have been taken and passed. This two-term course helps students develop media literacy skills, including analysis of various forms of mass media: nonfiction book(s), newspapers, Internet, film, ads, etc. While analyzing electronic and print media, students also build composition skills writing various essays. Additionally, to increase stamina and variety in reading, students are required to read a minimum of 20 minutes outside of class per day (M-F).

At Rocky, students will be required to prepare a final project using the "Living Room Conversation" * model to present a discussion on a current "hot topic." This entails researching how different types of media portray their topic and discuss as a group (in front of the class) all the different sides/ways/slants/ the topic is reported. They will then use their consensus of the true story as their conclusion.

*This is a discussion (listening to understand) NOT a debate (arguing to persuade). We will be working on this skill throughout the semester.

MODERN LITERARY PERSPECTIVES (5430SB)

Credit: 10

Grades: 12th

Prerequisite: US Literature and Comp. or AP Language and Comp.

Requirement: Language Arts

This class is designed to teach national standards in language arts with curriculum developed by the College Board. It is a rigorous class designed for students in the middle to upper range of skills. Students will examine literature through a variety of critical lenses, become better readers and writers, and actively engage in conversations about their reading and writing. Students will work in large and small groups and individually. Evaluation will be ongoing and will include maintaining a portfolio.

MUSICAL THEATRE PRODUCTIONS (5237)

Credit: 5

Grades: 9th – 12th

Prerequisite: Audition and Instructor Approval

Requirement: Fine/Applied Arts

This one term class is an interdisciplinary class designed to develop skills in various aspects of producing a major musical. It is open to students with a variety of interests including singing, acting, dancing, instrumental music, technical theater, and marketing. Auditions, portfolios and/or resumes may be required. **At Rocky, auditions are announced by the performing arts department and will be held during 2nd semester of 19-20 for the 20-21 school year. Actors are required to perform a one-minute memorized monologue, as well as 24 bars from a musical. Students interested in technical theatre and marketing should speak directly with Ms. Schendel before March 1, 2020. Participants will be required to attend additional rehearsals and construction meetings beyond scheduled class time. The last two weeks of the term requires evening/late night rehearsals. Please note: The final week of rehearsals will require all students to attend rehearsal from 5:00pm to 11:30pm.**

All students are required to participate in the final production (3 shows) held at 7pm. A \$25 production fee will be assessed to all students. Fees are waived for Free and Reduced Lunch Students.

SHORT FICTION (5530Y)

Credit: 10

Grades: 11th – 12th

Prerequisite: US Literature and Comp. or AP Language and Comp.

Requirement: Language Arts

In this class, the study of short fiction as a literary form strives to help students widen their perspectives. Students will explore ways in which literature reflects the human condition while stressing critical and analytical thinking. Students will review the basic characteristics of fiction as well as develop effective communication skills by completing various writing assignments and creative projects.. ***At Rocky, students will develop 21st century skills thru group collaboration and the use of current technology as a communication tool.***

TECHNICAL THEATRE CERTIFICATION (5239)

Requirement: Fine and Applied

Arts

Credit: 5

Grades: 9-12

Prerequisite: approval and evaluation by the instructor required

Technical Theatre Certification involves many advanced aspects of theater: acting, directing, set construction and design, lighting, sound, and play writing. This class places emphasis on the student as worker. Students will train and practice work on stage and backstage, with application of skills to the Fall Mainstage Production. Prior approval and final evaluation by the instructor is required. This class will be held 5th period 1st quarter.

UNITED STATES LITERATURE and COMPOSITION (5863)

Credit: 10

Grades: 11th

Prerequisite: World Literature and Composition

Requirement: Language Arts

American Literature courses focus upon a chronological survey of commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of this course, as is the emphasis on narrative, informational/explanatory, and argumentative writing. ***At Rocky Mountain High School, this class includes a cumulative research paper and project-based assessment.***

WORLD LITERATURE and COMPOSITION (5412)

Credit: 10

Grade: 10th

Prerequisite: English 9

Requirement: Language Arts

This class provides students with a foundation in reading and writing skills necessary for completion of a comprehensive standards-based high school curriculum. The class integrates the teaching of writing with the study of literature. Students read a substantial selection of world literature including short stories, novels, dramas (including Shakespeare), non-fiction, and poetry. Students produce expository, narrative, descriptive, persuasive, technical, and creative writings.

Pre AP WORLD LITERATURE and COMPOSITION (5413)

Credit: 10

Grade: 10th

Prerequisite: English 9 or Pre-AP English 9

Requirement: Language Arts

This class is designed for college bound students, particularly those planning on taking the following sequence of courses prior to graduation: AP Language and Composition and AP Literature and Composition. Instruction in this class provides students with a foundation in reading and writing skills necessary for completion of a comprehensive, standards-based high school curriculum. The class integrates the teaching of writing with the study of literature. Students read a substantial selection of world literature including short stories, novels, dramas (including Shakespeare), non-fiction, and poetry. Students produce expository, narrative, descriptive, persuasive, technical, and creative writing. **At Rocky Mountain High School, this class includes a cumulative research paper. At Rocky, the suggested sequence after this course is AP Lang/Comp and AP Lit/Comp.**

FRCC INTRO TO LITERATURE/ENGLISH COMPOSITION I (7330CEFRCC/7325CEFRCC)

Credit: 10

Grades: 11th – 12th

Prerequisite: US Literature and Comp. or AP Language and Comp.

Requirement: Language Arts

Introduction to Literature I: Introduces students to fiction poetry and drama. Emphasizes active and responsive reading. This course is guaranteed to transfer to all public colleges and universities in Colorado.

English Composition I: Emphasizes the planning writing and revising of compositions including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical evaluative and persuasive/ argumentative writing. This course is guaranteed to transfer to all public colleges and universities in Colorado.

YEARBOOK (5130)

Credit: 20

Grades: 10th – 12th

Prerequisite: Instructor Approval, Journalism 1 is helpful

Requirement: Fine/Applied Arts

The function of the yearbook production class is to record the historical events that occur during the year and produce, market, and sell a yearbook. The process includes photography, graphic design, copywriting, layout design, computer usage, a working knowledge of the printing production process, and completion of work within a deadline. The class will be 4 terms in length that meets on a daily basis. Students involved in Yearbook are required to spend additional time outside of class to meet the deadlines and take photos. *At Rocky Mountain High School, taking this class requires the recommendation of Mrs. White by no later than February 6th. The class teaches the latest version of the Adobe Creative Suite. This class is not recommended for freshmen. Incoming freshmen must see Mrs. White for approval.*

MATHEMATICS

Brian Mierzwa, Mathematics Department Head: bmierzwa@psdschools.org or 488-7139

Most of the math classes use TI-84 Plus calculators. It is strongly recommended that students have home access to a graphing calculator.

Mathematics is a coherent and useful discipline used to develop problem-solving skills and apply knowledge. At Rocky Mountain High School, the mathematics department believes all students should have the opportunity and the support necessary to learn significant mathematics with depth and understanding.

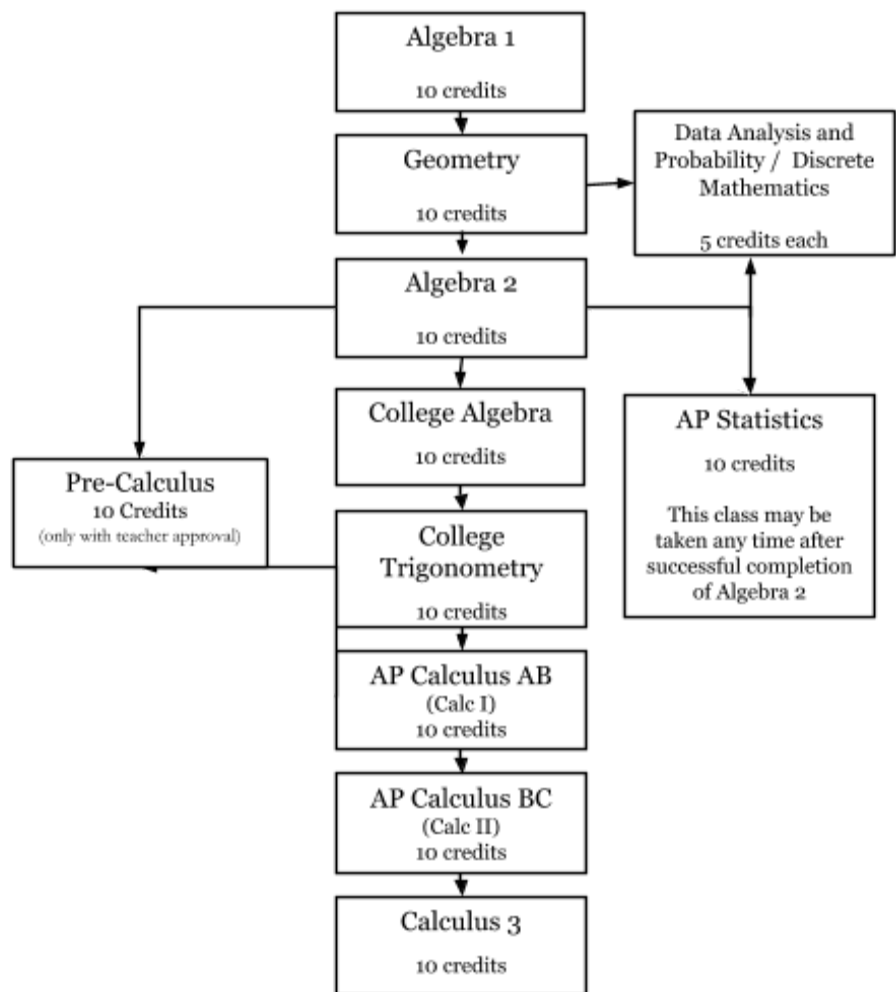
It is recommended that students earn a grade of C or better in each math course before moving on to the next level of math.

3 High School Mathematics courses are required for graduation.

STANDARDS FOR MATHEMATICAL PRACTICE

In all mathematics classes at RMHS, students are expected to...

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with Mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.



ALGEBRA 1 (6230)

Credit: 10

Grades: 9th – 12th

Prerequisite: None

Requirement: Math & Computer Science

Concepts and skills are introduced contextually in algebraic, graphic, numeric, and verbal form. As a result, the student will be able to communicate mathematically, make connections within algebra, and between

algebra and other disciplines. To address district and state standards, this course interweaves mathematical topics of algebra, geometry, statistics, probability, number systems, and measurement. Algebra 1 explores rational numbers, equations, Pythagorean Theorem and radical expressions, functional relationships, basic geometry review, data analysis, probability, inequalities, linear functions, systems of equations, exponents, polynomial functions, and quadratic functions

GEOMETRY (6240)

Credit: 10

Grades: 9th – 12th

Prerequisite: [Algebra 1](#)

Requirement: [Math & Computer Science](#)

Geometry concepts and logical reasoning are emphasized throughout, while measurement and applications are integrated to motivate students via real-world connections. As a result, the student should be able to communicate mathematically, make connections within geometry and between geometry and other disciplines. To address district standards, this course will interweave mathematical topics of algebra, geometry, statistics, probability, and measurement. Geometry explores reasoning and proof, parallel and perpendicular lines, triangle congruency and relationships, right triangle relationships and trigonometry, quadrilaterals, similarity, area, volume, circles, and transformations.

ALGEBRA 2 (6250)

Credit: 10

Grades: 9th – 12th

Prerequisite: [Geometry](#)

Requirement: [Math & Computer Science](#)

This course is a further exploration of the algebra of the real number system with the extension into the complex system, as well as continued development of problem-solving skills. As a result, the student should be able to communicate mathematically, make connections within algebra and between algebra and other disciplines. To address district standards, this course will interweave mathematical topics of algebra, geometry, statistics, probability, and measurement. Algebra 2 explores functional relationships, linear systems of equations, matrices, quadratic functions, polynomial functions, radical functions, exponential and logarithmic functions, rational functions, probability and statistics, sequences and series, and trigonometry.

COLLEGE ALGEBRA (6275CECU) 4 CU Denver credits available

Credit: 10

Grades: 9th – 12th

Prerequisite: [Algebra 2](#)

Requirement: [Math & Computer Science](#)

College Algebra is designed to allow deeper analysis and extension of Algebra topics. College Algebra is the first half of a post-Algebra 2 class that begins to bridge students to Calculus topics. Students are encouraged to represent problems algebraically, pictorially, verbally, and graphically. Critical thinking problems are provided to stretch their reasoning and communication skills. College Algebra extends learning in simplifying expressions and solving equations; solving systems of equations and optimization problems; and modeling with functions (polynomial, rational, exponential, logarithmic). Upon successful completion, students can progress to College Trigonometry & Analytic Geometry.

COLLEGE TRIGONOMETRY AND ANALYTIC GEOMETRY (6276CECU) 3 CU Denver credits available

Credit: 10

Grades: 9th – 12th

Prerequisite: [College Algebra](#)

Requirement: [Math & Computer Science](#)

College Trigonometry & Analytic Geometry is the second half of a post-Algebra 2 class to bridge students to Calculus topics. Students are encouraged to represent problems algebraically, pictorially, verbally, and graphically. Critical thinking problems are provided to stretch their reasoning and communication skills. College

Trigonometry & Analytic Geometry explores numerical and analytical trigonometry; application of trigonometric functions; vectors; polar coordinates; analytic geometry; sequences and series; and mathematical induction. Upon successful completion, students can progress to Calculus I.

PRE-CALCULUS (6280CEFR) FRCC credits available

Credit: 10

Grades: 9th – 12th

Prerequisite: Algebra 2 (only with teacher approval)

Requirement: Math & Computer Science

Pre-Calculus is the post-Algebra 2 class to bridge students to Calculus topics. Students are encouraged to represent problems algebraically, pictorially, verbally, and graphically. Critical thinking problems are provided to stretch their reasoning and communication skills. Pre-Calculus explores advanced algebra topics such as polynomial, rational, exponential, and logarithmic functions; numerical and analytical trigonometry; vectors; polar coordinates; analytic geometry; sequences and series; and mathematical induction. Upon successful completion, students will progress to Calculus AB

SURVEY OF CALCULUS (7954CEFRHS) 4 FRCC credits available

Credits: 10

Grades: 9th – 12th

Prerequisite: College Alg & College Trig or Precalculus

Requirement: Math & Computer Science

MAT 125: Includes derivatives, integrals, and their applications, with attention restricted to algebraic, exponential, and logarithmic functions for business, life science and/or social science majors.

AP CALCULUS: AB (6290) 4 CU Denver credits available

Credit: 10

Grades: 9th – 12th

Prerequisite: College Trig or Pre-Calculus

Requirement: Math & Computer Science

AP Calculus AB is a study of all topics traditionally offered in a freshman college Calculus I class. Topics covered are limits, derivatives of algebraic functions, applications of the derivatives, applications of the definite integral, transcendental functions, and methods of integration. This class will help prepare the student to take the Advanced Placement AB Calculus exam.

AP CALCULUS: BC (6291) 4 CU Denver credits available

Credit: 10

Grades: 9th – 12th

Prerequisite: AP Calculus AB

Requirement: Math & Computer Science

AP Calculus BC is a study of all topics traditionally offered in a freshman college Calculus II class. Topics covered are inverse trigonometric functions, hyperbolic functions, applications of integration, integration techniques, L'Hopital's Rule, improper integrals, infinite series, conics, parametric equations, and polar coordinates. This class will help prepare the student to take the Advanced Placement BC Calculus exam

CALCULUS 3 (6297CECU) 4 CU Denver credits available

Credit: 10

Grades: 9th – 12th

Prerequisite: AP Calculus BC

Requirement: Math & Computer Science

This is the third course of a three-semester sequence in calculus. Vector algebra and analytic geometry in two and three dimensions; multivariable differential calculus and tangent planes; multivariable integral calculus; optimization and Lagrange multipliers; vector calculus including Green's and Stokes's theorems..

AP STATISTICS (6290CECU) 3 CU Denver credits available

Credit: 10

Grades: 9th – 12th

Prerequisite: Algebra 2

Requirement: Math & Computer Science

AP Statistics is a two-term mathematics class centered on four main topics: exploring data; planning a study; probability as it relates to distributions of data; and inferential reasoning. Students will be expected to propose and carry out a statistical study. This class is designed to help prepare students for the Advanced Placement Statistics exam.

DATA ANALYSIS and PROBABILITY (6146)

Credit: 5

Grades: 9th – 12th

Prerequisite: Geometry

Requirement: Math & Computer Science

Data Analysis & Probability is a quarter long course centered around state standards related to statistics and probability. The course is designed for students with an interest in this area that are not planning on taking the AP Statistics course. Data Analysis & Probability explores data by describing patterns and departures from patterns; sampling and experimentation by planning and conducting a study; probability by analyzing random phenomena using probability and simulation; and statistical inference by estimating population parameters and testing hypotheses. ***At Rocky, this class is taught sequentially with Discrete Mathematics.***

DISCRETE MATHEMATICS (6246)

Credit: 5

Grades: 11th – 12th

Prerequisite: Geometry

Requirement: Math & Computer Science

Discrete Mathematics explores countable systems to make conclusions, decisions, or predictions. In contrast to continuous mathematics (calculus), discrete mathematics concentrates on the study of distinct objects and finite systems. Topics explored in Discrete Mathematics fall into four main categories: counting techniques, graph theory, iteration and recursion, and algorithmic problem solving and decision-making. ***At Rocky, this class is taught sequentially with Data Analysis and Probability.***

PERFORMING ARTS

Scott Schlup, Performing Arts Department Head: sschlup@psdschools.org or 488-7204

MUSIC AUDITION INFORMATION FOR 2021-2022

Freshman Music Students!

All incoming 9th grade students in band, choir and orchestra will be placed in our entry level ensembles at Rocky Mountain High School. NO AUDITIONS will be required. Opportunities may be made available to entry students to become involved in chamber ensembles early in the fall once they have become established in their large ensemble classes and demonstrate their interest and ability.

Audition Information for 10-12th Grade Students

All 10th, 11th and 12th grade music students will be auditioned during their presently scheduled music class. Students who are not currently enrolled in a Rocky music ensemble will need to schedule an appointment with the music staff at Rocky Mountain High School.

Students that have never been in band, orchestra or choir, or have taken a year or more off are welcome in the Rocky Music Program. We will work with you to get you participating with our fine ensembles no matter the level of experience you have. Contact any of the music teachers to get more information on becoming part of the Rocky Music Program.

GENERAL INFORMATION

At Rocky Mountain High School, students who both sing and play an instrument can register for a single class that divides the 87 minute block into a vocal rehearsal and an instrumental rehearsal each day. These students are responsible to meet the requirements of both the vocal and instrumental classes, even though they attend each class (vocal and instrumental) for just half the time. If the student intends on performing with an upper-level ensemble, and being involved in singing and playing, they must demonstrate a similar ability level in both the vocal and instrumental areas. This will **require** the student to audition for both the vocal **and** instrumental areas in order to be considered for membership in both ensembles.

***Please Note:** When choosing music selections in Career Cruising, please use the appropriate number from below:*

2780 Band

2788 Orchestra

2789 Vocal

2792 Orchestra/Vocal

2791 Band/Vocal

There are fees for all music classes but fees differ depending on the musical discipline and instrument played. Required equipment for music classes may include instruments, sticks, mallets, mutes, mouthpieces, and other accessories. Students will also need to purchase a performance outfit. Required equipment that cannot be provided by the student or their family may be obtained through RMHS music department by contacting any of the directors. Parents may contact any RMHS performing arts teacher to inquire about a list of required equipment for their student.

VOCAL

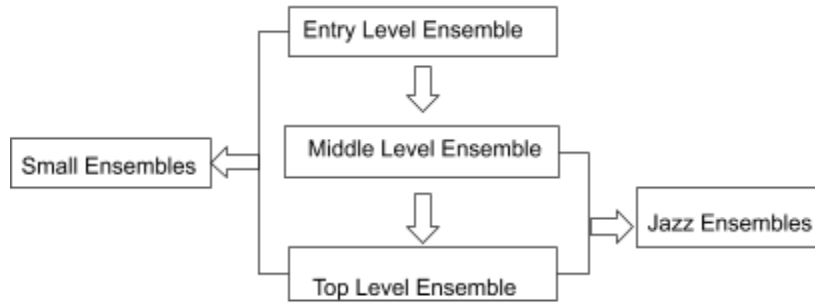
Chris Thompson: cthompson@psdschools.org or 488-7203 & Elizabeth Hohweiler: ehohweil@psdschools.org or 488-7151

ORCHESTRA

Shawn Murphy shawnm@psdschools.org or 488-7159

BAND

Scott Schlup sschlup@psdschools.org or 488-7204 & Kenyon Scheurman kscheurm@psdschools.org 488-7128



Core Classes

The core music classes at Rocky Mountain High School are the ensembles that meet during the regular school day. Each 87 minute block class has both a performance and an academic focus that produce well-rounded, knowledgeable musicians. Our goal is that music students leave Rocky prepared for any level of post-secondary involvement from music consumer to music major. Core classes are where the majority of our instruction takes place – for this reason, students must be a member of a core class in order to be considered for our small ensembles or jazz groups that meet outside the school day.

Entry Level Ensemble (Choir, Orchestra or Band)

Credit: 20

Grades: 9th-12th

Prerequisite: Previous experience at the middle school level or approval of the director

Requirement: Fine/Applied Arts

The entry level ensembles are available to any high school student with previous music experience. Students continue their musical journey with emphasis on tone production, music literacy and the development of technical skills necessary for a middle or top level ensemble. All students in entry level ensembles have an academic curriculum that focuses on music theory (how music works). Students must demonstrate proficiency in this area before being considered for a middle or top level ensemble. Required performances that occur outside the school day are announced at the beginning of the year and students are expected to attend every performance. Unavoidable absences from performances can be excused. Students will be asked to purchase their performance shirt (\$21.00), and provide their own black dress pants, black shoes and black socks.

Middle Level Ensemble (Choir, Orchestra or Band)

Credit: 20

Grades: 10th-12th

Prerequisite: Membership is by audition only

Requirement: Fine/Applied Arts

The middle level ensembles are available to any high school student with the musical skills and music theory knowledge needed for a successful experience. Students continue their musical journey with solo and small ensemble opportunities as well as opportunities to audition for local and regional honor groups. All students in middle level ensembles have an academic curriculum that focuses on music history (from the Middle Ages to Present). Students must demonstrate proficiency in this area before being considered for a top level ensemble. Required performances that occur outside the school day are announced at the beginning of the year and students are expected to attend every performance. Unavoidable absences from performances can be excused. Students will be asked to purchase their performance attire (music department dress for ladies and a partial tuxedo for men – Costs announced in the fall)

Top Level Ensemble (Choir, Orchestra or Band)

Credit: 20

Grades: 10th-12th

Prerequisite: Membership is by audition only

Requirement: Fine/Applied Arts

The top level ensembles are available to any high school student with the musical skills as well as the music theory and music history knowledge needed for a successful experience. Students continue their musical journey with the highest level performances given at Rocky Mountain High School. Students also have opportunities to audition for local, regional and All-State honor groups. The students in the top level ensemble have no set academic curriculum, instead all members delve deep into each piece they perform creating connections between their theory and history background and the circumstances that went into the composition of each work. Required performances that occur outside the school day are announced at the beginning of the year and students are expected to attend every performance. Unavoidable absences from performances can be excused. Students will be asked to purchase their performance attire (same attire as the middle level ensembles, with the addition of a tuxedo jacket for men – Costs announced in the fall).

Extra-Curricular Classes

The extra-curricular music classes at Rocky Mountain High School are the classes that meet outside the regular school day. Extra-curricular classes are designed to give members extended performance opportunities with a curriculum specific to the ensemble – emphasis is not placed on the same areas as in the core classes. For this reason, students must be a member of a core class in order to be considered for our extra-curricular classes.

Small Ensembles (Choir, Orchestra or Band)

Credit: varies

Grades: 9th-12th

Prerequisite: Membership in a core music class and instructor approval

Requirement: Fine/Applied Arts

Small ensembles are offered in all three areas (choir, orchestra and band) and may range in size from duets and trios to small chamber choirs of 16 to 20. Ensembles offered are based on the interest shown by the students and may include small string ensembles, chamber choirs and woodwind, brass and percussion ensembles. In most small ensembles, the members get together and determine a rehearsal schedule that works with their schedules – so student athletes, club members and students with jobs can participate in small ensembles as long as they can make their schedule work with the other members of the group. Most small ensembles are closed to 9th grade students until they have experienced success in the lobo culture (typically fall quarter or semester). Required performances are scheduled in conjunction with the members of the ensemble – and if a performance is scheduled, it cannot be missed by any member of the ensemble without prior approval or in the case of illness. Each ensemble determines what it will wear for performance attire, so an ensemble may have an added expense if they so choose.

Jazz Ensembles (Choir or Band)

Credit: varies

Grades: 10th-12th

Prerequisite: Membership in a core music class and instructor approval

Requirement: Fine/Applied Arts

Jazz ensembles are offered in two areas (choir and band) and provide opportunities for students wishing to increase their knowledge and abilities in the jazz, rock, Latin and other “popular” music styles as well as exploring improvisation. Typical jazz band offerings consists of a small jazz combo of 5 to 10 students and a 15 to 20 piece big band. Typical vocal jazz offerings consist of two 12-16 voice vocal jazz ensembles (one mixed voices, one treble ensemble). Required performances are scheduled in conjunction with the members of the ensemble – and if a performance is scheduled, it cannot be missed by any member of the ensemble without prior approval or in the case of illness. Each ensemble determines what it will wear for performance attire, so an ensemble may have an added expense if they so choose.

Other Music Opportunities

MUSIC THEORY (2771)

Credit: 5
Grades: 11th – 12th
Prerequisite: Instructor approval only
Requirement: Fine/Applied Arts

This course requires that students understand musical notation and note reading. Previous formal music training, in the form of participation in band, orchestra, or choir in a school setting, is highly recommended for student success. Curriculum used is based on a college freshman theory text. Music structure, history, and composition will be the primary focus. Students who anticipate continuing their music education in college should seriously consider registering for this class.

MUSICAL THEATRE PRODUCTIONS (5237)

Credit: 5
Grades: 9th – 12th
Prerequisite: Audition and Instructor Approval
Requirement: Fine/Applied Arts

This one term class is an interdisciplinary class designed to develop skills in various aspects of producing a major musical. It is open to students with a variety of interests including singing, acting, dancing, instrumental music, technical theater, and marketing. Auditions, portfolios and/or resumes may be required. ***At Rocky, auditions are announced by the performing arts department and will be held during 2nd semester of 20-21 for the 21-22 school year. Actors are required to perform a one-minute memorized monologue, as well as 24 bars from a musical. Students interested in technical theatre and marketing should speak directly with Ms. Schendel before March 1, 2021. Participants will be required to attend additional rehearsals and construction meetings beyond scheduled class time. The last two weeks of the term requires evening/late night rehearsals. Please note: The final week of rehearsals will require all students to attend rehearsal from 5:00pm to 11:30pm. All students are required to participate in the final production (3 shows) held at 7pm. A production fee will be assessed to all students. Fees are waived for Free and Reduced Lunch Students.***

Instrumentalists interested in playing in the Pit Orchestra must get approval from Mr. Schlup before May 1st, 2021.

PHYSICAL EDUCATION & WELLNESS
Mike Mackenzie, PE and Wellness Department Head: 488-7108

Physical Education & Wellness Course Path	9th GRADE CLASS OPTIONS
<p>→ PE 1 is our pre-requisite course and should be taken during 9th grade year. However, we offer some flexibility for student-athletes and freshman.</p> <ul style="list-style-type: none"> ◆ Student-Athletes may enroll in Beginning Weights immediately ◆ 9th graders may consider Team Sports and/or Beginning Dance right away. ◆ These options are meant to provide flexibility and choice in scheduling; however PE 1 stills needs to be completed during the students 9th grade year. <p>→ Course sets with clear scope and sequences should be taken in order, i.e.</p> <ul style="list-style-type: none"> ◆ Beg Weights >>Adv. Weights >>Athletic Weights. ◆ Beg. Dance >> Advanced Dance 	<p align="center">Each class earn 5 Credits of Wellness</p> <ul style="list-style-type: none"> ★ PE 1 - required during the 9th grade year ★ Beginning Weights - Highly recommended for all athletes and athletes can take before PE 1 ★ Health and Wellness ★ Team Sports ★ Beginning Dance
10th GRADE CLASS OPTIONS	11th/12th GRADE CLASS OPTIONS
<p align="center">Each class earn 5 Credits of Wellness</p> <ul style="list-style-type: none"> ★ Team Sports ★ Beginning Dance ★ Individual & Dual Sports - Transportation required and fee required ★ Yoga and Fitness - Transportation required ★ Beginning Weights ★ Advanced Weights - Highly recommended for 10th grade athletes. Transportation required 	<p align="center">Each class earn 5 Credits of Wellness</p> <ul style="list-style-type: none"> ★ Team Sports ★ Beginning Dance ★ Advanced Dance ★ Individual & Dual Sports - Transportation required and fee required ★ Yoga and Fitness - Transportation required ★ Beginning Weights ★ Advanced Weights - Transportation required ★ Athletic Weights - Highly recommended for 11th and 12th grade athletes. ★ Integrated PE

HEALTH AND WELLNESS (3026)

Credit: 5
 Grades: 9th – 12th

Prerequisite: None

Requirement: Wellness

Wellness is defined as the quality or state of being in good health especially as an actively sought goal. This class teaches students how to pursue an active lifestyle along with making positive health choices. Topics of study include those aspects of wellness reflected in the Colorado Academic Standards for Physical Activity and Comprehensive Health including physical activity; healthy eating; sexual health; health promotion; emotional and social wellness; alcohol, tobacco, and drug prevention; violence-free relationships; and safety. This course fulfills 2.5 credits of Health and 2.5 credits of Wellness.

PHYSICAL EDUCATION 1 (3204)

Credit: 5
 Grades: 9th – 12th

Prerequisite: None

Requirement: Wellness

This class can be taken at any time in a student's schedule and has no prerequisite. This class will address a variety of individual activities and team sports with an emphasis on physical fitness. This class will also include instruction about the use of the school's fitness center. This class will involve activities that will enhance a student's health and skill related components of fitness. **It is the prerequisite for all other PE classes.**

YOGA AND FITNESS (3006)

Credit: 5
 Grades: 10th – 12th

Prerequisite: PE 1

Requirement: Wellness

This class is designed to introduce wellness and physical fitness as a part of a total healthy lifestyle. The main emphasis is on cardiovascular fitness and flexibility, but muscular strength, endurance and coordination will also be developed and improved. Yoga, Zumba, Kickboxing, Step Aerobics, Circuit Training, and low impact aerobics will be included in the class. **There is a \$15 fee for this class. Fees are waived for Free and Reduced Lunch Students.**

TEAM SPORTS (3077)

Credit: 5
 Grades: 9th – 12th

Prerequisite: PE 1

Requirement: Wellness

The students will be introduced to the basic skills, strategies and formations needed to play a variety of team sports. Skills will be developed through drill and game situations. Rules, terminology and safety precautions will be presented. Cooperation and the elements of effective teamwork will be stressed in all situations. **At Rocky Mountain High School, students will complete other assignments such as tournament building, logo design, practice planning, and officiating.**

BEGINNING DANCE (3044)

Credit: 5
 Grades: 9th – 12th

Prerequisite: PE 1

Requirement: Wellness

This class will develop and extend the artistic, affective, cognitive and psychomotor potential of all levels of dancers. The students will be provided with opportunities to explore, choreograph, organize, evaluate and

perform a variety of dance forms. ***At Rocky Mountain High School, this class participates in social dancing, and studio styles like hip hop, ballet, jazz, and lyrical.***

BEGINNING WEIGHT TRAINING (3010)

Credit: 5

Grades: 9th – 12th

Prerequisite: PE 1

Requirement: Wellness

This class is designed to improve muscular strength and endurance. It is designed to be a basic weight-training class, not a body-building class. The students will be introduced to a variety of weight training techniques, methods, and principles. Students will learn the terminology, anatomy and physiology necessary to understand the basic principles behind weight training. Emphasis will be on proper lifting technique, spotting technique, and safety throughout the class. Students will learn to use the available machines, as well as free weights. ***At Rocky Mountain High School, we highly recommend that freshmen student-athletes take Beginning Weights.***

INDIVIDUAL SPORTS (3063)

Credit: 5

Grades: 10th – 12th

Prerequisite: PE 1

Requirement: Wellness

Students will be exposed to a variety of activities, which may include skill development and participation in bowling, tennis, pickle ball, table tennis, badminton and golf. This course will emphasize the enjoyment of sports and the need for continued involvement in a lifetime of fitness. ***At Rocky, some of these components are completed off campus and access to transportation is required. Lifelong recreational/fitness activities within Ft. Collins will be explored. There is a \$35 fee for this class. Fees are waived for Free and Reduced Lunch Students.***

INTEGRATED PHYSICAL EDUCATION (3590)

Credit: 5

Grades: 11th – 12th

Prerequisite: PE 1

Requirement: Wellness

This class is designed to allow able-bodied juniors or seniors to become teaching assistants in adapted physical education. They will participate and assist the physically and mentally disabled students participating in modified physical education activities. These students will be matched up either one to one or in small groups of special needs students to work in conjunction with the paraprofessional aide. ***At Rocky, some of these components are completed off campus. Lifelong recreational/fitness activities within Ft. Collins will be explored. There is a \$10 fee for this class. Fees are waived for Free and Reduced Lunch Students.***

ADVENTURE PHYSICAL EDUCATION (3600)

Credit: 5

Grades: 11th – 12th

Prerequisite: PE 1

Requirement: Wellness

This class will address intermediate or highly skilled individuals who wish to continue with traditional activities at an advanced level as well as being exposed to new and non-traditional sports. Past examples of classes include wall climbing, mountain bike polo, roller hockey, scuba diving, the ropes course, and orienteering. ***At Rocky, some of these components are completed off campus and access to transportation is required. Lifelong recreational/fitness activities within Ft. Collins will be explored. There is a \$80 fee for this class. Fees are waived for Free and Reduced Lunch Students.***

ADVANCED DANCE (3098)

Credit: 5

Grades: 11th – 12th

Prerequisite: Beginning Dance

Requirement: Wellness

This course is an advanced dance performance group focused on studying dance as both a physical fitness activity and as an art form. Class sessions will advance the dancers' athleticism and technique while training in the elements of movement and choreography. Students will plan, organize, choreograph and perform dance concerts open to the public. Various forms of dance will be studied. ***There is a \$20 production fee. Fees are waived for Free and Reduced Lunch Students.***

ADVANCED WEIGHT TRAINING (3012)

Credit: 5

Grades: 10th – 12th

Prerequisite: Beginning Weights

Requirement: Wellness

This class is open only to juniors and seniors who have successfully completed a beginning weight training class at this high school. Students will review the techniques, methods and principles presented in the beginning class. Additional training methods will be introduced and practiced.

ATHLETIC WEIGHTS and CONDITIONING (3066Q1, Q2, Q3, Q4)

Credit: 5

Grades: 11th – 12th

Prerequisite: Coach's Approval/Beginning Weights/Advanced Weights

Requirement: Wellness

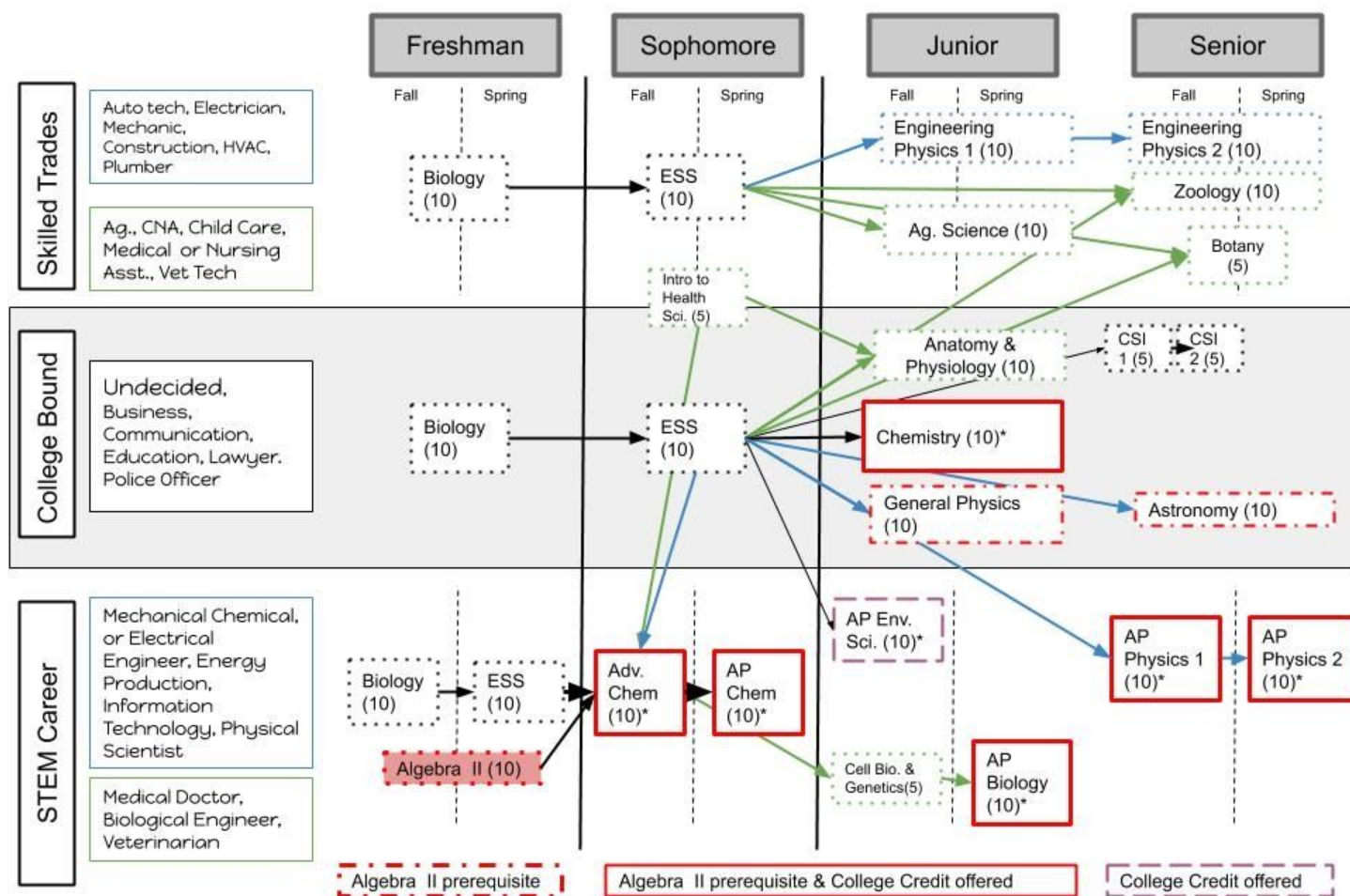
This class will provide the opportunity to explore the benefits of physical activities such as weight lifting, aerobics, wall climbing, traversing, walk/run, and rollerblading. An appreciation of physical fitness and wellness, which includes muscle strength, cardiorespiratory endurance and flexibility, and encourages a positive attitude toward exercise. ***At Rocky, students will sign up for the specific quarter(s) they want to take this course.***

SCIENCE

Sarah Bucko, Science Department Head: sbucko@psdschools.org or 488-7097

Science Pathways

In order to meet state standards and to be your best SELF, the science department **recommends** the following:



As you can see in the above graphic, there are many different courses offered at RMHS. With so many offerings it is difficult to represent all of the pathways that an individual student could take. Instead, we have listed those that seem most likely. Teachers are happy to talk with students or parents to discuss a pathway tailored to their individual goals for high school and future career.

ADVANCED CHEMISTRY (6804CECU) 4 CU Denver credits available

Credit: 10

Grades: 10th – 12th

Prerequisite: Algebra 2

Requirement: Science

Advanced Chemistry is a rich and challenging class for highly motivated students in chemistry. The rigor of this class stems from the depth of content as well as its emphasis on the science process through completion of laboratory activities. Topics of study include atomic structure, chemical bonding, periodicity, nomenclature and reactions, solution chemistry, stoichiometry, thermochemistry, the behavior of gases, and other various topics. **At Rocky, successful completion of ESS is highly recommended before taking Advanced Chemistry. In addition, students are able to concurrently enroll in the equivalent CU-Denver Chemistry for science majors course and purchase four (4) credits.**

AGRICULTURAL SCIENCE A/B (4102 and 4103)

Credit: 10

Grades: 10th – 12th

Prerequisite: Biology (ESS highly recommended)

Requirement: Science

Agricultural Science provides foundational knowledge for careers in animal science, plant science, horticulture, natural resources, and agricultural systems and technology. Throughout this course, students will gain knowledge and skills in a variety of basic animal and meat science topics, such as genetics, anatomy, physiology/nutrition, disease, pests, feeding and management practices. Also, they will have the opportunity to gain hands on experience while visiting community partners and their livestock facilities.

ANATOMY and PHYSIOLOGY (6830)

Credit: 10

Grades: 10th – 12th

Prerequisite: Biology (ESS highly recommended)

Requirement: Science

This course is an in-depth study of the major systems of the human body. It examines: structure, function, clinical applications, and mechanisms for maintaining homeostasis. The course also introduces common human disease processes. The laboratory component includes anatomical studies using microscopy, dissection, and the study of physiological concepts via experimentation. **At Rocky, dissection is required.**

AP BIOLOGY (6760)

Credit: 10

Grades: 10th – 12th

Prerequisite: Biology & Chemistry (Cell Biology & Genetics is recommended)

Requirement: Science

AP Biology, as designed by The College Board, is a rich and challenging class for highly motivated students in biology. The rigor of this class stems from its depth of content, as well as its emphasis on the scientific process through completion of several college laboratories. Students will use college texts and supplementary materials to understand the following major themes in biology: evolution, energy, ecology, and biochemical systems. Successful performance on the national AP Biology exam may result in the granting of college credit at many universities. **At Rocky, AP Biology is taken years after 9th grade Biology making Cell Biology, Anatomy, and Zoology all helpful classes to refresh biological processes.**

AP CHEMISTRY (6800) 5 CU Denver credits available

Credit: 10

Grades: 10th – 12th

Prerequisite: Algebra 2 & Chemistry or Advanced Chemistry

Requirement: Science

This class facilitates the transition from high school to higher levels of college chemistry. It is highly recommended for potential science, pre-medical, and engineering studies. Some students gain college credit through the AP test and others take a competitive edge into their college chemistry classes. **At Rocky, successful completion of Advanced Chemistry is highly recommended before taking AP Chemistry. In addition, students are able to concurrently enroll in the equivalent five (5) CU-Denver Chemistry for science majors course and purchase five (5) CU-Denver credits if they registered for CU-Denver credit when completing Advanced Chemistry.**

AP ENVIRONMENTAL SCIENCE (6774)

Credit: 10

Grades: 10th – 12th

Prerequisite: Biology and ESS

Requirement: Science

AP Environmental Science, as designed by the College Board, is a rich and challenging class for highly motivated students interested in environmental science. The rigor of this class stems from the depth of content, as well as its emphasis on the scientific process through completion of several college laboratories. Students will use a college textbook and supplementary material to study concepts and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Successful performance on the national AP Environmental Science exam may result in the granting of college credit at many universities. ***At Rocky, AP Environmental Science is interdisciplinary and covers a variety of relevant topics with practical applications. Successful completion of Biology and ESS is required prior to enrolling in this course. This course will focus on preparing for the AP Environmental Science exam.***

AP PHYSICS 1 (6822)

Credit: 10

Grades: 10th – 12th

Prerequisite: Algebra 2 and ESS

Requirement: Science

AP Physics 1 is equivalent to a first-semester college course in algebra-based physics designed by the College Board. It is a rich and challenging class for highly motivated students in physics. The rigor of this class stems from the depth of content, as well as its emphasis on the scientific process through completion of several college level laboratories. Students will use a college textbook and supplementary material to cover Newtonian mechanics (including dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Successful performance on the national AP Physics exam may result in the granting of college credit at many universities. ***At Rocky, completion of Algebra 2 with a C or better is required. This course will focus on preparing for the AP Physics 1 exam.***

AP PHYSICS 2 (6823)

Credit: 10

Grades: 10th – 12th

Prerequisite: Physics & Algebra 2 (Pre-Calculus is recommended)

Requirement: Science

AP Physics 2 is equivalent to a second-semester college course in algebra-based physics designed by the College Board. It is a rich and challenging class for highly motivated students in physics. The rigor of this class stems from the depth of content, as well as its emphasis on the scientific process through completion of several college laboratories. Students will use a college textbook and supplementary material to cover fluid mechanics, thermodynamics, electricity and magnetism, optics, atomic and nuclear physics. Successful performance on the national AP Physics exam may result in the granting of college credit at many universities.

ASTRONOMY (6881)

Credit: 10

Grades: 10th – 12th

Prerequisite: Algebra 2 & ESS

Requirement: Science

Designed for the serious student, Astronomy goes beyond what is offered in ESS and Introductory Concepts of Geoscience and Space Science. Topics include the history of astronomy, observational astronomy and mathematics, telescope fundamentals and design, space exploration, the solar system (sun, moon, planets, and newly discovered objects), star evolution, galaxy evolution, and the history and future of the Universe.

Students are expected to attend evening and early morning observations at the school, as well as field trips to local observatories and planetariums.

BIOLOGY (6710)

Credit: 10

Grades: 9th – 12th

Prerequisite: None

Requirement: Science

This is an introductory class that is standards based; embedded in this course are the Colorado Academic Standards in Life Science. It is designed to help students understand their living world. The class uses extensive laboratories to supplement lecture/reading activities. The class is a prerequisite to more advanced classes.

BOTANY (6841)

Credit: 5

Grades: 10th – 12th

Prerequisite: Biology

Requirement: Science

In Botany students will be exploring the basic plant structure/function, cytology, physiology, ecology, taxonomy, and phenology of plants. As a lab based course students will explore plant biology through hands-on experiences such as grafting, dissection, genetic crossing, neurophysiology experiments, and microscopy. Throughout the quarter students will conduct a plant related service-learning project to apply their knowledge and understanding in the field. This course is for students with an interest in biology, environmental sciences, natural resources, or horticulture. ***At Rocky, a C or better in Biology is highly recommended before taking Botany.***

CELL BIOLOGY and GENETICS (6850)

Credit: 5

Grades: 10th – 12th

Prerequisite: Biology & ESS or Chemistry

Requirement: Science

This class is strongly recommended for students with career interests in biology and biomedical sciences. The class will focus on the cell as the basic unit of structure and function in living systems; units on cell anatomy, metabolic processes at the molecular level, and cell division. The genetic portion deals with Mendelian genetics, molecular genetics, chromosomal mutation, population genetics, and statistical evaluation of data. ***At Rocky, it is strongly recommended that a student complete Biology and ESS or Chemistry before taking Cell Biology & Genetics.***

CHEMISTRY (6790CECU) 4 CU Denver credits available

Credit: 10

Grades: 10th – 12th

Prerequisite: Algebra 2

Requirement: Science

Chemistry is a two-term laboratory class exploring the interactions of matter. Units of study include atomic structure, stoichiometry, nomenclature, chemical bonding, gases, and acids and bases. Its approach also emphasizes rigorous problem solving skills and quantitative laboratory work necessary for college. ***At Rocky, it is strongly recommended that a student complete ESS before taking Chemistry. In addition, students are able to concurrently enroll in the equivalent CU-Denver non-science major course and purchase four (4) CU-Denver credits.***

EARTH SYSTEMS SCIENCE (ESS) (6809)

Credit: 10

Grades: 9th – 12th

Prerequisite: Algebra 1 (Can be taken concurrently)

Requirement: Science

Earth Systems Science (ESS) is a standards based physical science course that explores the interactions of the various spheres of Earth (atmosphere, hydrosphere, geosphere, exosphere) as a dynamic, evolving system. This course illustrates the relevance and impact of science in society, while engaging students in the mastery of basic physics and chemistry concepts that will prepare them for higher level physical sciences.

ENGINEERING PHYSICS 1 (2400)

Credit: 10

Grades: 10th – 12th

Prerequisite: None

Requirement: Science

This course provides students with a foundation for careers in technical areas. It combines scientific principles in applied physics with closely integrated video and hands-on laboratory experiences. With this background, students will have a knowledge base of the principles that underlie modern technical systems and career flexibility as machines and technology advances. Topics of instruction include key physics concepts and how they apply to mechanical, fluid, electrical, and thermal systems. The units also cover the mathematics needed to understand and apply the concepts in the course. It is strongly recommended that students take Algebra 1 before taking this course. ***At Rocky, successful completion of an introductory science course is required before enrolling in this course.***

ENGINEERING PHYSICS 2 (2401)

Credit: 10

Grades: 10th – 12th

Prerequisite: Engineering Physics 2

Requirement: Science

This technically-oriented course provides students with a foundation for employment in applied physics fields. The course combines scientific principles with closely integrated video and hands-on laboratory experiences. With this background, students will have a knowledge base of the principles that underlie modern technical systems and career flexibility as machines and technology advance. This course includes studies in momentum, waves and vibrations, energy converters, transducers, radiation, optical systems, and time constants. Principles learned in Engineering Physics 1 are applied to technical systems and problems encountered while working in technical careers. The course includes instrumentation, related theory, applied mathematics and the potential for industry visits. Prerequisite: Engineering Physics 1.

FORENSIC SCIENCE CSI (6780)

Credit: 5

Grades: 10th – 12th

Prerequisite: Biology and ESS

Requirement: Science

This course will familiarize students with the basic principles and uses of forensic science in the American system of justice. Forensic science is the study and application of science to the processes of law and involves the collection, examination, evaluation, and interpretation of evidence. This field encompasses many scientific areas, which when used properly, can make invaluable contributions to the resolution of social and legal disputes. The course will review the basic applications of the biological, physical, chemical, medical, and behavioral sciences to questions of evidence and law. In doing so, students should gain a basic understanding of forensic science and how to apply the scientific process to real world problems. ***At Rocky, a C or better in Biology & ESS are highly***

recommended before taking this course. Death investigation is the main focus of forensic science, students will be exposed to sensitive content.

FORENSIC SCIENCE CSI 2 (6781)

Credit: 5

Grades: 10th – 12th

Prerequisite: Forensic Science CSI

Requirement: Science

This course will familiarize students with the basic principles and uses of forensic science in the American system of justice. Forensic science is the study and application of science to the processes of law and involves the collection, examination, evaluation, and interpretation of evidence. This field encompasses many scientific areas, which if used properly, can make invaluable contributions to the resolution of social and legal disputes. The course will review the basic applications of the biological, physical, chemical, medical, and behavioral sciences to questions of evidence and law. In doing so, students should build upon a basic understanding of forensic science from "Forensic Science / CSI 1". They will learn to apply the scientific process to real-world problems. Forensic Science / CSI 2 is a quarter long course meant to build upon knowledge from CSI 1.

GENERAL PHYSICS (6820 S1,S2)

Credit: 10

Grades: 10th – 12th

Prerequisite: Algebra 2

Requirement: Science

Physics is a laboratory course exploring the interactions of energy and matter. Units of study include forces motion energy waves sound light and introductions to electricity and modern physics. Its approach also emphasizes rigorous problem solving skills and quantitative laboratory work necessary for college. Prerequisite: Algebra 2 or concurrent Algebra 2. ***At Rocky, completion of Algebra 2 is required. Mathematical problem solving is an integral part of this course.***

INTRODUCTION TO HEALTH SCIENCE (3075S1)

Credit: 5

Grades: 10th – 12th

Prerequisite: Biology

Requirement: Science

This introductory Health Science course provides an overview of the healthcare field. It introduces students to the five pathways that make up the health science cluster (Diagnostic, Therapeutic and Support Services, Health Informatics, Biotechnology Research and Development). In addition, students are provided a hands-on application of the foundational skills/ knowledge including health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare. ***At Rocky, a C or better in Biology is highly recommended before taking this course.***

ZOOLOGY (6860)

Credit: 10

Grades: 10th – 12th

Prerequisite: Biology & ESS

Requirement: Science

Zoology students study in depth the major phyla of the animal kingdom. Life cycles, anatomy and physiology, history, and ecology are emphasized. Correlated sciences would include entomology, marine biology, herpetology, mammalogy, parasitology, and ornithology. This class should appeal not only to students who desire a career with animals, but also for those who are interested in learning more about the natural world around them. ***At Rocky, a C or better in Biology & ESS are highly recommended before taking this Zoology. Dissections of invertebrates and vertebrates are required in this course.***

SOCIAL STUDIES

John Robinson, Social Studies Department Head: johnr@psdschools.org or 488-7174

RECOMMENDED SEQUENCE OF CLASSES

9th Grade	World History /or/ Pre-AP World History 10 credits									
10th Grade	World Geography /or/ AP Human Geography 10 credits									
11th Grade	U.S. History /or/ AP US History 10 credits									
10th, 11th, or 12th Grade	African, American, Asian, Classical or Contemporary Humanities 5 credits									
11th or 12 Grade	Economics, Business Economics, or AP Economics 5 Credits									
12th Grade	Government or We The People (Civics) 5 credits /or/ AP US Government 5 credits /and/or/ AP Comparative Government 5 credits									
Enrichment Courses	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">American Foreign Policy</td> <td style="width: 33%;">AP Psychology</td> <td style="width: 33%;">History of Rock & Roll</td> </tr> <tr> <td>American Sports History</td> <td>Current World Affairs</td> <td>Leadership By Design</td> </tr> <tr> <td>AP Modern European History</td> <td>History of Military Conflict</td> <td>Psychology</td> </tr> </table>	American Foreign Policy	AP Psychology	History of Rock & Roll	American Sports History	Current World Affairs	Leadership By Design	AP Modern European History	History of Military Conflict	Psychology
American Foreign Policy	AP Psychology	History of Rock & Roll								
American Sports History	Current World Affairs	Leadership By Design								
AP Modern European History	History of Military Conflict	Psychology								

All classes listed in the above flow chart fulfill graduation requirements for all students. Rocky recommends taking any of our five (5) Humanities classes during a student's junior or senior year. Rocky recommends taking Economics during the senior year in concert with the Government graduation requirement.

AMERICAN GOVERNMENT (7270)

Credit: 5

Grades: 12th

Prerequisite: US History

Requirement: Civics/Government

The focus of this class is U.S. national government and politics. It will emphasize the institutions and political forces that have shaped the U.S. national government and examine the behavior of individuals in the American political system and the non-institutional forces that influence decision-making in U.S. politics (such as political parties, interest groups, and the media.) This class enables the student to understand the functions of U.S. national government and how citizens can access the decision-making process. Students will gain a fuller understanding of the American political system. ***At Rocky, students will learn about government by participating in Civic Action Projects that allow students to practice the skills necessary for every citizen in this republic.***

AMERICAN HUMANITIES (3740)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Humanities

This class combines United States history, humanities, and United States literature. Students are encouraged to explore their roles in the community while incorporating art, music, and current events within historical units. This course fulfills graduation requirements for Humanities. ***At Rocky, there will be a focus on 20th century into modern America.***

AP HUMAN GEOGRAPHY (7227)

Credit: 10

Grade: 10th – 12th

Prerequisite: None

Requirement: Social Studies

The AP geography class will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. Students learn about the methods and tools geographers use in their science and practice. ***At Rocky, students have the option to take the national AP test in May***

AP MODERN EUROPEAN HISTORY (7253) 3 CU Denver credits available

Credit: 10

Grades: 11th – 12th

Prerequisite: None

Requirement: Social Studies

This class is a chronological survey of western civilization beginning with Greece and Rome with an emphasis on 1450 to the present. Specific areas of emphasis will be on political, diplomatic, intellectual, cultural, social and economic history. The class is for the advanced student and will involve reading and analyzing primary source material. Students will be prepared to take the AP Modern European History exam in the spring for college credit if they choose to do so.

AP PSYCHOLOGY (7246) 3 CU Denver credits available

Credit: 10

Grades: 11th – 12th

Prerequisite: Psychology 1

Requirement: Elective

The purpose of the AP class in psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the

psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their gathering of data. ***At Rocky, it is recommended that students first successfully complete Psychology 1 followed by AP Psychology.***

AP U.S. GOVERNMENT (7275)

Credit: 5

Grades: 12th

Prerequisite: US History

Requirement: Civics/Government

This class is designed to prepare the student to challenge the AP Examination in United States Government. The focus of this class is U.S. national government and politics. It also examines the behavior of individuals and groups in the decision-making process and the non-institutional forces that influence United States politics. The reading - text, original documents, government reports, and court cases - is at the college freshman/sophomore level, and students can expect the material to be intellectually challenging.

AP COMPARATIVE GOVERNMENT and POLITICS (7272)

Credit: 5

Grades: 12th

Prerequisite: US History

Requirement: Civics/Government

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues

AP UNITED STATES HISTORY (7225) 6 CU Denver credits available

Credit: 10

Grades: 11th – 12th

Prerequisite: World Geography

Requirement: US History

Advanced Placement United States History is a chronological, college level survey of United States history, covering the major political, economic, and social occurrences and controversies from the pre-Columbian time period to the present era. Emphasis will be placed on the development of skills related to the craft of the historian: primary source analysis, critical reading and writing and critical analysis of historiographic works.

CLASSICAL HUMANITIES (3770)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Humanities

Students will study the history of Western Civilization through the literary, philosophical, and artistic expressions of major historical periods. The student will examine a variety of responses to the universal questions that humans have explored through the humanities. The class will include Ancient Greece and Rome, Hebrew thought, the Christian Middle Ages, and European Renaissance and Reformation.

CONTEMPORARY HUMANITIES (3780)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Humanities

Students will study the history of Western Civilization through the literary, philosophical, and artistic expressions of major historical periods. The student will examine a variety of responses to the universal

questions that humans have explored through the humanities. This class is a continuation of the first-semester Classical Humanities, studying the development of Western Civilization in the 17th, 18th, 19th, and 20th centuries.

CURRENT WORLD AFFAIRS (7050)

Credit: 5
Grades: 9th - 10th

Prerequisite: None

Requirement: Electives

This course is designed to help students develop an objective and analytic method of making decisions about national and international affairs. This course will feature a wide ranging view of current events, with an emphasis on student-led presentations, projects and research. This class will work in conjunction with the Lobo 101 curriculum applying the skills of a successful student with research and understanding of contemporary issues. Students will increase knowledge and understanding of the world around them while applying this knowledge to personal success in high school and beyond

ECONOMICS (7230)

Credit: 5
Grades: 11th – 12th

Prerequisite: US History

Requirement: Economics

As the world's economies become increasingly interdependent, it is essential that students become economic thinkers. Using micro and macro-economic tools and concepts, students in this course will build the foundation necessary for understanding real-world economic issues. Students will understand the allocation of scarce resources in societies through analysis of individual choice, market interaction, and public policy. Units of study include: Economic Thinking, Market Capitalism, The Business Cycle, Monetary Policy, Fiscal Policy, and Global Markets. The economic foundation built in this course will also enhance understanding of other social science disciplines, such as political science, geography, history, and sociology. This course fulfills the PSD graduation requirement for Economics.

HISTORY of ROCK and ROLL (2781)

Credit: 5
Grades: 9th – 12th

Prerequisite: None

Requirement: Elective

This class is a survey of the evolution of rock styles, contributions of important performers, and musical techniques involved in the creation and performance of rock music. Students will be introduced to the history of rock and roll music, as it evolved in the United States and spread throughout the world. In addition to the historical perspective, class discussions will also focus on aesthetic and sociological issues that have influenced the various developments within the genre.

PRE-AP WORLD HISTORY (7226)

Credit: 10
Grades: 9th – 12th

Prerequisite: None

Requirement: World Culture

The Pre AP World History course takes a true global approach to the study of history, examining multiple civilizations from a variety of cultures including Africa, Asia, Europe and the Americas. Concepts such as Revolution, Power, Interdependence, Creativity, Identity, and Conflict are emphasized through the essential the historical method of inquiry to ask questions, evaluate sources, develop critical thinking skills, and back-up interpretations with evidence. To best lay the foundation for all subsequent AP Social Studies courses, Pre-AP

World History students will also develop their ability to read critically and write analytically. ***At Rocky, the time period of study begins at 10,000 BCE and ends with the 20th Century.***

PSYCHOLOGY 1 (7240)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Elective

Psychology 1 will pursue the fascinating question of why human beings behave as they do. Students consider the role of our biological makeup and our social environment in influencing why we respond as we do to a wide variety of situations. Famous experiments and psychological theories will be studied in an attempt to discover why people develop as they do behaviorally. ***At Rocky, students will explore the topics of personality, learning, stress, mental illness, neuroscience, cognitive development and the history of psychology. It is recommended that students take this class to prepare for AP Psychology.***

UNITED STATES HISTORY (7220)

Credit: 10

Grades: 11th

Prerequisite: World Geography or AP Human Geography

Requirement: US History

This class is a chronological survey of events and people that characterize each of the major eras in U.S. History. The Eras include: The Americas to 1600, The Colonial Era, The Revolutionary Era, Nation Building, The Expanding Nation, Civil War and Reconstruction, Development of the Industrial United States, The Progressive Era, Emergence of the United States as a World Power, the 20s: Prosperity and Problems, Depression and New Deal, World War II and Post War United States and Contemporary United States. The class analyzes political, social, economic, religious and military issues.

WE THE PEOPLE (7274)

Credit: 5

Grades: 12th

Prerequisite: US History

Requirement: Civics/Government

This class is a study of the struggle of various groups who have expanded the definition of "liberty and justice for all" in American history. The students will explore the role of diversity in an effort to understand the quest for ethnic, handicap, gender, and age equity in America. This class will examine the behavior of various individuals and groups in the American political system and the non-institutional forces that influence decision-making in U.S. politics related to these groups. ***At Rocky, students will learn about government by participating in Civic Action Projects that allow students to practice the skills necessary for every citizen in this republic.***

WORLD GEOGRAPHY and CULTURE (7210)

Credit: 10

Grade: 10th – 12th

Prerequisite: None, but World History Recommended

Requirement: Social Studies

As the second course in our World Literacy tier, 10th grade World Geography moves students from the historical concepts and critical thinking skills gained in 9th grade World History into a contemporary study of the modern world through a geographical perspective. In each world region students will utilize geographical skills and terminology to analyze human geographical themes including, population, movement, culture, political and economics. Students will walk away with a better understand the global society we live in today.

WORLD HISTORY (7250)

Credit: 10
Grades: 9th – 12th
Prerequisite: None

Requirement: World Culture

9th grade World History begins our two year study of World Literacy to create the global citizen. This course takes a true global approach to the study of history, examining multiple civilizations from a variety of cultures including Africa, Asia, Europe and the Americas. Concepts such as Revolution, Power, Interdependence, Creativity, Identity, and Conflict are emphasized through the essential the historical method of inquiry to ask questions, evaluate sources, develop critical thinking skills, and back-up interpretations with evidence. In addition to learning about world history, students build a foundation of relevant skills that support success in all other upper division social studies courses, as well as in post-secondary life.

WORLD HUMANITIES MENA, Africa, Latin America (3810)

Credit 5
Grades: 10th – 12th
Prerequisite: None

Requirement: Humanities

This semester class explores the world views and creative arts of the cultures in MENA, Middle East North Africa, Sub-Sahara Africa and Latin America. The class will include, but not be limited to, the study of history, philosophy, religion, literature and the arts. MENA will have a focus on religion and philosophy and the “Golden Age” era. Sub-Sahara Africa is a study on traditional tribal life, past and present. And Latin America looks into the mestizo culture both past and present. ***There is a material/supply/food cost for this course of \$10. Fees are waived for Free and Reduced Lunch Students.***

ASIAN HUMANITIES (3800)

Credit: 5
Grades: 10th – 12th
Prerequisite: None

Requirement: Humanities

This semester class explores the world views and creative arts of the cultures of India, China, Japan, and other Asian countries. The class will include, but not be limited to, the study of history, philosophy, religion, literature and the arts. ***There is a material/supply/food cost for this course of \$10. Fees are waived for Free and Reduced Lunch Students.***

HISTORY OF MILITARY CONFLICT (7285)

Credit: 5
Grades: 11th – 12th
Prerequisite: US History

Requirement: Elective

This Social Studies elective is built for 11th and 12th Grade students with an interest in U.S. military conflicts and technologies. . The course will start with the post-Civil War advent of American Imperialism and continue to the present day with units on WWII, the Cold War, Vietnam, and contemporary conflicts. Content instruction will be driven by student interest. Students should expect a variety of projects, presentations, videos, and guest speakers when available.

AMERICAN FOREIGN POLICY

Credits: 5
Grades: 10th – 12th
Prerequisite: World History or World Geography

Requirement: Social Studies

This course examines the evolution of American foreign policy since World War II. Students will investigate the crucial decisions and debates that have shaped the course of America's dealings with the world to illuminate the change and the continuity in policies and policy making. This course will provide students with the background and the perspective required to understand contemporary issues and future challenges for American foreign policy.

AMERICAN SPORTS HISTORY (8612)

Credits: 5

Grades: 9th – 12th

Prerequisite: None

Requirement: Elective

This Social Studies elective is designed for students that are eager to learn more about the foundations and history of Sports in America and the role they have played in shaping society, athletes and the culture of The United States. Students will look at key figures and role models that have helped shape a variety of popular sports and inspire future athletes in their respective sports. Students will also look and analyze the positives and negatives that professional sports have played in past and present America. Students will analyze and discuss each event practicing the 5 "Cs" of historical thinking: Change of Time, Context, Causality, Complexity, and Contingency. Content instruction will be driven by student interest and include projects, presentations, videos, and guest speakers when available.

TECHNOLOGY EDUCATION

Robert Ufer, Technology Department Head: ruferr@psdschools.org or 488-7046

In preparing for technical careers and classes in Technology Education, it is recommended that freshman take Introduction to Engineering Technology as their first class in Technology Education at Rocky Mountain High School. Students completing two or more courses in an area receive a certificate as a completer in Engineering-related technologies.

Many of Rocky graduates go on to work in the career pathways listed below. The Technology Education Department offers a tremendous opportunity for all students to get a head start and explore career options. The following classes are recommended to help develop a background to pursue careers in the following pathways.

These pathway sequences are only recommendations and classes can be taken in any order. Technology Education classes are open to all students.

Engineering Explorations - 2279
Recommended for 9th graders, but also a pre-requisite for all courses. (5 credits)

Computer Aided Design	Robotics	21 st Century Manufacturing
FRCC Mechanical Design I 2210CEFRCC 5 credits (3 FRCC Credits)	Robotics and Automated Systems A 2205 5 credits	Metal and Machining Fabrication A/B/IIA 2283, 2284, 2287 5 credits each
FRCC Solidworks/Mechanical 2221S1CEFR 5 credits (3 FRCC Credits)	Woodworking Technology A 2282 5 credits	Woodworking Technology A/B/IIA 2282, 2233, 2237 5 credits each
FRCC Advanced Solidworks 2221S2CEFR 5 credits (3 FRCC Credits)	Digital Electronics 2370 5 credits	Principles of Engineering & Technology (2279) 5 credits
Architecture 2223 5 credits	Metal and Machining Fabrication A 2283 5 credits	Engineering Explorations II -Digital Fabrication (2500) 5 credits
Metal and Machining Fabrication A 2283 5 credits	Robotics and Automated Systems B 2206S1 10 credits	Clean Energy Manufacturing (2289) 10 credits
Woodworking Technology A 2282 5 credits		

Engineering & Design Capstone 2295 (10 Credits)
**Instructor Approval required for this course.*

CLEAN ENERGY MANUFACTURING (2289)

Credit: 10

Grades: 10th – 12th

Prerequisite: Engineering Exploration

Requirement: Fine/Applied Arts

This class is an introduction to clean energy and sustainable living. Students will understand and gain knowledge in the power grid today and in the future, renewable energy sources, alternative transportation and green construction practices. *A \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

DIGITAL ELECTRONICS (2370)

Credit: 5

Grades: 10th – 12th

Prerequisite: Algebra 1 and Engineering Exploration

Requirement: Fine/Applied Arts

This course introduces students to the principles and operation of electronic devices that surround our lives through a hands-on approach to learning. Topics of instruction include basic electronics theory, Analog and Digital circuits, electronic test equipment, power supplies, parts identification, circuit fabrication, soldering techniques and troubleshooting. This course will benefit those interested in a career in engineering or technical fields. *At Rocky, students are responsible for a project material fee of \$25. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

FRCC MECHANICAL DESIGN 1 (2210CEFRCC)

Credit: 5 (3 FRCC Credits: EGT 101)

Grades: 10th – 12th

Prerequisite: None

Requirement: Fine/Applied Arts

This course introduces students to the principles of drafting used by engineers and technicians through a hands-on learning environment. Topics of instruction include drawing interpretation, visualization, geometric construction, sectioning, developments, mechanical and architectural drawings. Both instrument drawing and **SOLIDWORKS CAD SOFTWARE** will be used. This course will be beneficial to those interested in a career in any engineering or technical field. *A \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

FRCC SOLIDWORKS/MECHANICAL (2221S1CEFR)

Credit: 5 (3 FRCC Credits: CAD 255)

Grades: 10th – 12th engineering

Prerequisite: Engineering Drafting 1

Requirement: Fine/Applied Arts

This course expands on the drafting and graphics skills of the Level 1 course. Students learn advanced drafting principles and skills used by engineers and technicians through a hands-on approach to learning. Topics of instruction include working drawings, auxiliary views, machine threads, pictorial renderings, and more advanced Computer Aided Drafting (3D CAD) and solid modeling. This course is beneficial to those interested in careers in engineering or technical fields. Students will have the opportunity to take the certified **SOLIDWORKS ASSOCIATE EXAM** at the end of the course. *A \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

FRCC ADVANCED SOLIDWORKS (2221S2CEFR)

Credit: 5 (3 FRCC Credits: CAD 259)

Grades: 10th – 12th

Prerequisite: Eng. Drafting 1, 3D Modeling- Eng. Drafting

Requirement: Fine/Applied Arts

This course expands on the drafting and graphics skills of the Level 1 course. Students learn advanced drafting principles and skills used by engineers and technicians through a hands-on approach to learning. Topics of instruction include working drawings, auxiliary views, machine threads, pictorial renderings, and more advanced Computer Aided Drafting (3D CAD) and solid modeling. This course is beneficial to those interested in careers in engineering or technical fields. Students will have the opportunity to take the certified **SOLIDWORKS PROFESSIONAL EXAM** at the end of the course. ****At Rocky Mountain High School this class is offered as a quarter long class in the 3D modeling sequence. A \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)***

ARCHITECTURE (2223)

Credit: 5

Grades: 10th – 12th

Prerequisite: Engineering Drafting 1

Requirement: Fine/Applied Arts

This course introduces students to the principles of drafting and graphics used by engineers and technicians through a hands-on approach to learning. Topics of instruction include basic Computer Aided Drafting skills such as drawing aids, editing drawings, plotting, dimensioning, tolerances, and 3D modeling. Emphasis will be placed on 3D modeling and Architectural design using **AUTODESK REVIT SOFTWARE**. ***At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)***

PRINCIPLES OF ENGINEERING & TECHNOLOGY (2279)

Credit: 5

Grades: 9th – 12th

Prerequisite: None

Requirement: Fine/Applied Arts

This class is the first in a sequence of Technology Education/Engineering courses at the high school level. Students will work in a variety of design and manufacturing project-based environments. The emphasis will be learning to solve problems using engineering design processes, tools, materials, machines, computers and software applications. Ninth graders should take this course BEFORE taking any other Technology Education courses. ***At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)***

METAL AND MACHINING FABRICATION A (2283)

Credit: 5

Grades: 9th – 12th

Prerequisite: Engineering Exploration

Requirement: Fine/Applied Arts

This course is an introduction to metalworking and machining. Course content will include precision measuring tools, metal fabrication, welding and cutting fundamentals, pattern and foundry methods, metal machining including CNC programming and operations. Students will learn to set up and operate a variety of metalworking machines in the construction of several useful projects. This is an excellent preparation for Front Range programs or for students needing materials experience for engineering programs. ***At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)***

METAL AND MACHINING FABRICATION B (2284)

Credit: 5

Grades: 10th – 12th

Prerequisite: Metals 1 – Engineering Systems

Requirement: Fine/Applied Arts

This class expands on the welding and machining skills of level 1. An emphasis of this course will be Computer Numerical Control machining. Students will also work on advanced machine shop and welding techniques. Additional topics of instruction will include machining threads, boring, vertical mill set ups, and MIG welding. A small group production project, such as a working model will be a major component of this course. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

METAL AND MACHINING FABRICATION II A (2287)

Credit: 5

Grades: 10th – 12th

Prerequisite: Metals 2 – Engineering Systems

Requirement: Fine/Applied Arts

The third in a series of 5 credit courses exploring the technical knowledge and skills of metalworking. Students will apply principles of design and construction to build a variety of increasingly advanced projects. Students will prepare plans, create drawings and designs, mill and machine raw material, fabricate assemblies, and utilize various metalworking techniques for the completion of their projects. An emphasis will be placed on shop safety and the safe use of a variety of hand tools, power tools, and stationary machinery. The course will include an exploration of career opportunities available to the modern metalworker. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

WOODWORKING TECHNOLOGY A (2282)

Credit: 5

Grades: 9th – 12th

Prerequisite: Engineering Exploration

Requirement: Fine/Applied Arts

This class focuses on woodworking and manufacturing. Students will demonstrate safety and production on each woodworking machine. With this knowledge they will construct a variety of projects that will exhibit their woodworking skills. This course will benefit those interested in a career in wood manufacturing and design. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

WOODWORKING TECHNOLOGY B (2233)

Credit: 5

Grades: 10th – 12th

Prerequisite: Woods 1 – Engineering Systems

Requirement: Fine/Applied Arts

This class expands on the woodworking skills of the Level 1 course. Topics of instruction include advanced joinery techniques, such as the dovetail joint, wood bending, jigs and fixtures utilizing hand held routers, and furniture construction. Students are expected to buy their own wood, since many projects will vary in size and cost. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

WOODWORKING TECHNOLOGY II A (2237)

Credit: 5

Grades: 10th – 12th

Prerequisite: Woods 2- Engineering System

Requirement: Fine/Applied Arts

The third in a series of 5 credit courses exploring the technical knowledge and skills of woodworking. Students will apply principles of design and construction to build a variety of increasingly advanced cabinetry and furniture projects. Students will prepare plans, create drawings and designs, mill and machine raw material, assemble complex joinery, and utilize various finishing techniques for the completion of their projects. An emphasis will be placed on shop safety and the safe use of a variety of hand tools, power tools, and stationary woodworking machinery. The course will include an exploration of career opportunities available to the modern woodworker. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

Engineering Explorations 2 - DIGITAL FABRICATION (2500)

Credit: 5

Grades: 10th – 12th

Prerequisite: Engineering Explorations

Requirement: Fine/Applied Arts

Digital modeling and fabrication is a process that joins design with production through the use of 3D modeling software or computer-aided design (CAD) and additive and subtractive manufacturing processes. 3D printing falls under the additive, while machining falls under subtractive. In this class students will explore solutions to engineering challenges using computer controlled machines. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

ROBOTICS AND AUTOMATED SYSTEMS A (2205)

Credit: 5

Grades: 10th – 12th

Prerequisite: None

Requirement: Fine/Applied Arts

Students in this class will study programming, electronics, manufacturing, pneumatics, and mechanical systems as applied to robotics. While working in groups, students will solve robotics problems using programmable robots. This class would be of interest to anyone planning a career in the field of automated manufacturing, engineering, or other robotics applications. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

ROBOTICS AND AUTOMATED SYSTEMS B (2206)

Credit: 10

Grades: 10th – 12th

Prerequisite: Robotics 1

Requirement: Fine/Applied Arts

Students will continue their exploration and deeper concentration into the field of robotics. Building on skills and knowledge attained in Robotics 1 students will develop solutions to a variety of complex design challenges. Emphasis will be placed on programming, robot design, teamwork, creative problem solving and critical thinking. Students will also investigate the expanding use of robots in industry and everyday society and career paths related to robotics. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

CAPSTONE: ENGINEERING AND TECHNOLOGY A B (2295)

Credit: 10

Grades: 10th – 12th

Prerequisite: Instructor Approval

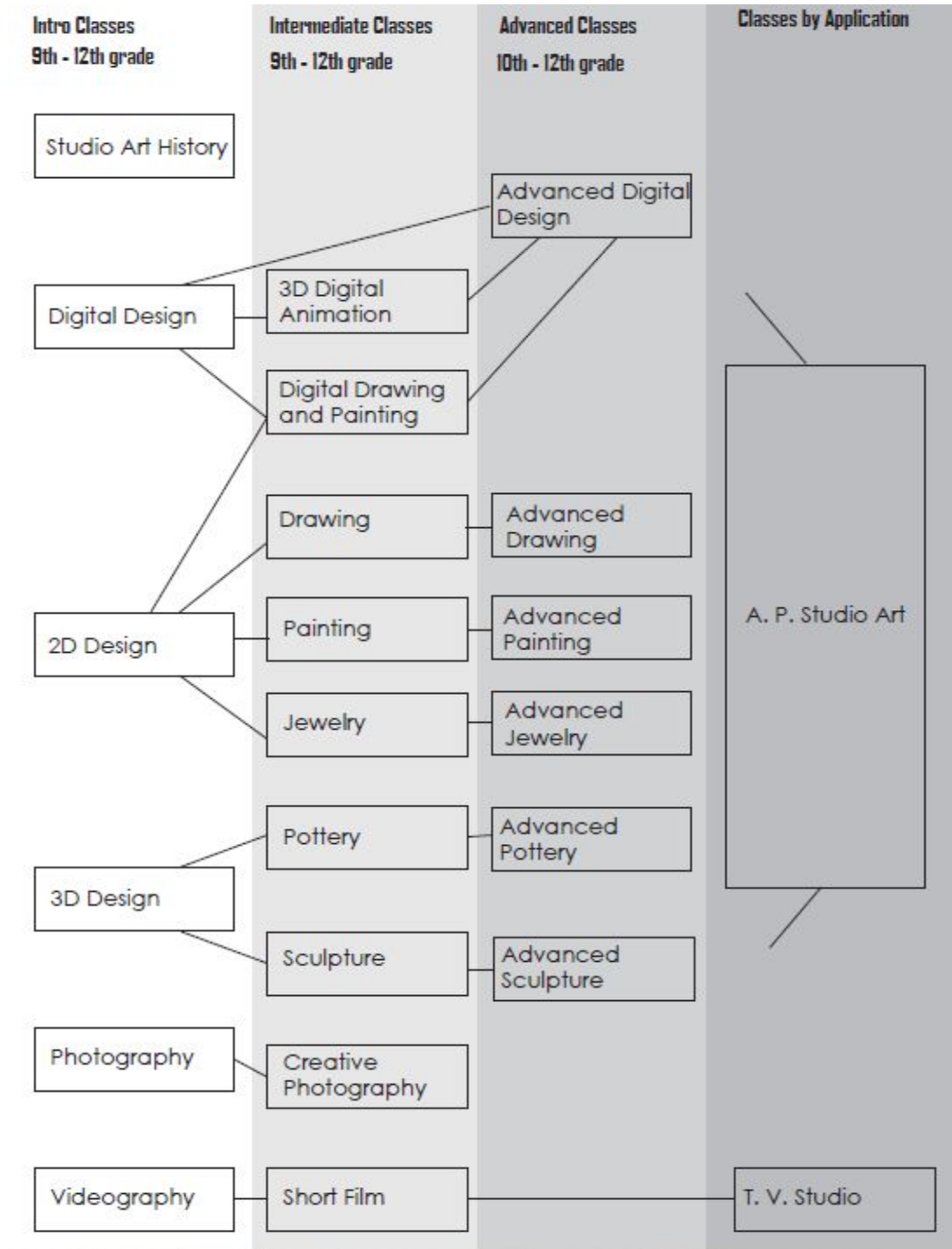
Requirement: Fine/Applied Arts

This capstone class allows students to continue their study of technology, technical drawing, engineering, robotics or architecture. Students will work with their instructor to design an independent advanced project to continue studies of a topic which they have developed a strong interest. Students will collaborate with a team of mentors from both in the school and the community to design their final project. Instructor approval required for this course. *At Rocky, a \$25 material fee will be charged for this course. Fees are waived for Free and Reduced Lunch Students. (fees are subject to change)*

VISUAL ARTS

Laura Cronen, Visual Arts Department Head, lcronen@psdschools.org or 488-7147

Many art classes take field trips and varying fees are associated with those trips. Classes with supply fees listed are subject to change based on current market cost of supplies. ***Fees are waived for students who qualify for Free and Reduced Lunch.***



2-D DESIGN (1211)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Fine/Applied Arts

This is one of the two prerequisites for all studio art classes. The class emphasizes the importance of a strong foundation in the elements and principles of art; through the use of 2-dimensional art media. Emphasis is on finding creative solutions to visual problems. ***At Rocky Mountain High School, we welcome students of all ability levels and focus primarily on design and color theory. This class is a prerequisite for all 2-Dimensional art classes. There is a material/supply cost for this course of \$10 (all costs are subject to change)***

3-D DESIGN (1212)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Fine/Applied Arts

This is one of the two prerequisites for all studio art class. The class emphasizes the importance of a strong foundation in the elements and principles of art; through the use of 3-dimensional art media. Emphasis is on finding creative solutions to visual problems. ***At Rocky Mountain High School, we welcome students of all ability levels and focus primarily on creating forms from various materials. This class is a prerequisite for all 3-Dimensional art classes. There is a material/supply cost for this course. \$20 (all costs are subject to change)***

DIGITAL DESIGN (1220)

Credit: 5
Grades: 9th – 12th
Prerequisite: none

Requirement: Fine/Applied Arts

The student will be exposed to techniques, equipment, materials and media used in graphic design and illustration. The students will be presented with a wide variety of graphic design problems that they must solve. The students will explore the creative approach to design problem solving using a variety of media and techniques. Drawing is strongly recommended before taking this class. Student supplies, kit and/or fees required. ***Rocky Mountain High School uses Photoshop, Illustrator, Sketch-up, Art Rage, After Effects and InDesign software. There is a material/supply cost for this course.***

DIGITAL DRAWING AND PAINTING (1225)

Credit: 5
Grades: 9th – 12th
Prerequisite: 2D Design or Digital Design

Requirement: Fine/Applied Arts

Explore the sweet- spot where traditional art and new technologies meet. Students will use digital drawing tablets in combination with powerful digital art software to create original artwork.

3D DIGITAL ANIMATION (1293)

Credit: 5
Grades: 9th – 12th
Prerequisite: Digital Design

Requirement: Fine/Applied Arts

This course will introduce students to the various aspects of 3D digital modeling and digital animation production, including rigging, 3D texturing, lighting, particle systems, physics systems, soft body physics, digital camera, and rendering. Students will apply the tools of technology and the visual language to create original artworks and animations. Basic knowledge of the elements and principles of design and previous experience in the intro to Digital Design course is required. Course enrollment will be limited to 30 students per term. ***There is a material/supply cost for this course.***

ADVANCED DIGITAL DESIGN (1292)

Credit: 5

Grades: 10th – 12th

Prerequisite: Digital Design

Requirement: Fine/Applied Arts

This class is a continuation of digital design and will utilize advanced methodologies relevant to the field. This class is for the student who is interested in continuing to explore advanced media, techniques, and technology utilized in graphic design. **Rocky Mountain High School uses Photoshop, Illustrator, Sketch-up, Art Rage, After Effects and InDesign software. There is a material/supply cost for this course.**

DRAWING (1240)

Credit: 5

Grades: 9th – 12th

Prerequisite: 2-D Design

Requirement: Fine/Applied Arts

This class will provide an opportunity for students to improve their drawing skills while encouraging them to think and express themselves creatively. Students will explore the use of a wide variety of techniques and media such as pencil, conte, charcoal, colored pencils, markers, pen and ink, and pastels. **Drawing is recommended before taking other art classes. There is a material/supply cost for this course. \$15 (all costs are subject to change)**

ADVANCED DRAWING (1241)

Credit: 5

Grades: 10th – 12th

Prerequisite: Drawing

Requirement: Fine/Applied Arts

This advanced class is a continuation of the drawing class and is designed for the serious artist who would like to continue to improve his or her drawing abilities. Students will be encouraged to use their drawing skills to express themselves in a visually creative manner. **\$15 There is a material/supply cost for this course unless you are using supplies from a previous drawing course. (all costs are subject to change)**

PAINTING (1280)

Credit: 5

Grades: 9th – 12th

Prerequisite: 2-D Design

Requirement: Fine/Applied Arts

This class covers the basic materials and methods of painting. The students will learn to work with watercolor, acrylic, and tempera. Emphasis will be on understanding color relationships, creative expression, and recognizing the impact of our artistic heritage. Drawing is strongly recommended before taking this class. **There is a material/supply cost for this course unless you are using supplies from a previous painting course. \$20 (all costs are subject to change)**

ADVANCED PAINTING (1281)

Credit: 5

Grades: 10th – 12th

Prerequisite: Painting

Requirement: Fine/Applied Arts

This advanced painting class is a continuation of the painting class and is designed for the serious artist who would like to continue explorations in color and painting media. Students will be encouraged to take a creative approach in using a wide range of painting styles and techniques. All art classes require students to provide some of their own materials. **There is a material/supply cost for this course unless you are using supplies from a previous painting course. \$20 (all costs are subject to change)**

POTTERY (1320)

Credit: 5
Grades: 9th – 12th
Prerequisite: 3-D Design

Requirement: Fine/Applied Arts

This class offers the student the opportunity of exploring various methods and techniques utilized in pottery construction. The student will learn the techniques of hand building and "throwing" on the potter's wheel. ***There is a material/supply cost for this course. \$20 (all costs are subject to change)***

ADVANCED POTTERY (1322)

Credit: 5
Grades: 10th – 12th
Prerequisite: Pottery

Requirement: Fine/Applied Arts

This class is a continuation of pottery. The student will design and construct advanced pottery pieces and will explore various techniques associated with pottery. The student may also explore using multi-media approaches to pottery. ***There is a material/supply cost for this course. \$20 (all costs are subject to change)***

SCULPTURE (1330)

Credit: 5
Grades: 9th – 12th
Prerequisite: 3-D Design

Requirement: Fine/Applied Arts

The student will explore the third dimension by working with a variety of materials in order to translate 2-dimensional designs into 3-dimensional sculptural pieces. Students may work with a variety of sculptural materials including clay, wire, metals, plaster, found objects and paper. ***\$20 There is a material/supply cost for this course. (all costs are subject to change)***

ADVANCED SCULPTURE (1331)

Credit: 5
Grades: 10th – 12th
Prerequisite: Sculpture

Requirement: Fine/Applied Arts

This class is a continuation of sculpture. The students will continue to explore various materials used in sculpture and to learn advanced techniques. The student may also work on experimental concepts of design, materials and techniques as well as the multimedia approach. ***\$20 There is a material/supply cost for this course. (all costs are subject to change)***

PHOTOGRAPHY (1300)

Credit: 5
Grades: 9th – 12th
Prerequisite: None

Requirement: Fine/Applied Arts

This is an introductory high school photography course. Students will study a variety of photographic methods that focus on traditional b/w 35mm film processing and darkroom printing. Emphasis will be on creativity and photography as a fine art medium. Photography at the Middle School level does not take the place of this class and is not a substitute. ***At Rocky Mountain High School, students may need to furnish their own 35mm manual format film cameras. \$35 (all costs are subject to change)***

CREATIVE PHOTOGRAPHY (1310)

Credit: 5
Grades: 9th – 12th
Prerequisite: Photography and Instructor Approval

Requirement: Fine/Applied Arts

This is an advanced photography class in which creativity and special techniques are emphasized. Students will have the opportunity to explore specific areas of personal interest. Student supplies and/or fees required. **At Rocky Mountain High School, students may furnish their own 35mm SLR manual format camera. There is a material/supply cost for this course. \$35 (all costs are subject to change.)**

AP ART STUDIO (1484)

Credit: 10

Grade: 12th

Prerequisite: Previous Art Classes and Application Process

Requirement: Fine/Applied Arts

Advanced Placement Studio Art offers serious art students the opportunity to experience the rigor and rewards of a college course while still in high school. Over the course of a semester, students create a body of 25 original pieces of art (portfolio) that is submitted to the College Board as their Senior Art Exam. Students may choose from three Portfolio options that represent major areas of study: 2D Design, Drawing or 3D Design. All AP Studio Art courses require instructor approval as part of the enrollment process. **Student materials/supply fee varies according to the area of the student's artistic concentration needs.**

JEWELRY (1270)

Credit: 5

Grades: 9th – 12th

Prerequisite: 2-D Design

Requirement: Fine/Applied Arts

The student will be exposed to techniques, tools, materials and media used in making jewelry. The creative process of starting with a problem to be solved through research, discussion, design, creation, reflection and evaluation will be utilized in producing original final projects. There is a material/supply cost for this course. **\$30 (all costs are subject to change)**

ADVANCED JEWELRY (1271)

Credit: 5

Grades: 10th – 12th

Prerequisite: Jewelry

Requirement: Fine/Applied Arts

This course is a continuation of Jewelry. The students will continue to explore various media and advanced techniques in jewelry. Student supplies, kit and/or fees required. **\$30 There is a material/supply cost for this course. (all costs are subject to change)**

VIDEOGRAPHY (1370)

Credit: 5

Grades: 9th – 12th

Prerequisite: None

Requirement: Fine/Applied Arts

This class will give students a historical perspective of video technology in society beginning with the introduction of film-making. Students will take part in film appreciation by learning about the critique process utilizing movies from various time periods. Students will also have the opportunity to explore video technology, one of the most innovative and effective means of communication, by creating, producing and editing original videos. **At Rocky, students use Adobe Premier Pro, Photoshop and After Effects software. Students should have their own flash card storage device for this course.**

TELEVISION PRODUCTION (5289)

Credit: 10

Grades: 11th – 12th

Prerequisite: Videography, short film and teacher approval

Requirement: Fine/Applied Arts

Television Production involves students in the study of the history of radio and television and in production. The operation of technical equipment and other support activities provides training for students to produce spot announcements, commercials, news shows, and a final TV product. Emphasis is on production for the "real world", and the class builds writing and presentation skills. This class has a strong emphasis on computer applications. ***At Rocky, building on the basic editing and filming skills learned in Videography, short film, students in Television Production will be planning, filming, editing and producing the RMHS TV program.***

SHORT FILM (1372)

Credit: 10

Grades: 10th – 12th

Prerequisite: Videography

Requirement: Fine/Applied Arts

Building on the basic editing and filming skills learned in Videography, students in Short Film will be planning, filming, editing and producing extended film projects, both fiction and nonfiction. This production course emphasizes visual storytelling and control of the motion picture frame in support of the narrative. In addition, basic organizational elements needed in pre-production for students to produce, direct, and shoot their films are developed.

STUDIO ART HISTORY (1340)

Credits 5

Grades: 10, 11 & 12

Prerequisites 2D or 3D Design

Requirement(s): Humanities OR Fine & Applied Arts

Studio Art History is designed for the hands-on student who would like to explore history and culture through an arts-based lens. It allows students to earn **Humanities credit or Fine & Applied Arts credit** toward graduation requirements. While the main focus will be on the contributions and the evolution of art throughout history, students will also dig into different cultures as a whole. We will analyze how geography, literature and human advancement have reflected and influenced society across time. Studio projects will relate directly to the art forms being studied from the time period explored. General Studio work will include drawing, painting and sculpture. The studio fee for this class is \$20. ***This is not an AP class.***

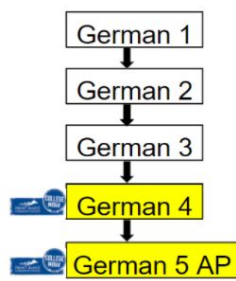
WORLD LANGUAGES

Stephanie Carson, World Language Department Head: scarson@psdschools.org or 488-7136

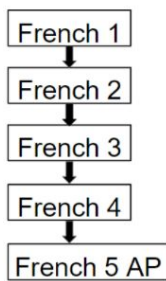
An active, dynamic and communicative approach is the focus of all World Language courses at RMHS. The department offers a program designed to develop the 4 essential skills: speaking, listening, reading, and writing. Students will have the opportunity to apply these skills in real-life scenarios. In addition, students will come to understand and appreciate the value of different cultures where the target language is spoken. Currently, our department offers French, German, and Spanish. These languages are valuable for travel, diplomatic professions, business, and a complete education. Language study can enhance SAT and ACT scores. Outside the classroom, students have the opportunity to participate in language clubs, regional competitions, and to travel/study abroad if approved by Poudre School District.

RMHS WORLD LANGUAGES

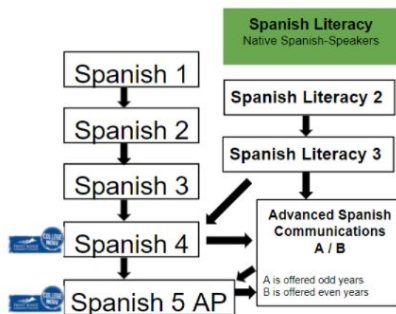
German



French



Spanish



Students in German 4 and 5 AP are able to take the German Language Diploma Exam. Passing the Level 1 exam allows entrance into any German vocational school. Passing the Level 2 exam allows entrance into any German university.

WORLD LANGUAGE CAREERS

- ★ Archivist/Curator
- ★ College/University Faculty
- ★ Editor
- ★ FBI Agent
- ★ Flight Attendant
- ★ Foreign Service Officer
- ★ Foreign Trade Clerk
- ★ Interpreter
- ★ Nurse
- ★ Police Officer
- ★ Public Relations Specialist
- ★ Singer
- ★ Social Worker
- ★ Teacher
- ★ Technical Writer
- ★ Travel Agent
- ★ Travel Guide
- ★ Welfare Eligibility Worker

★ 2-year or 4-year degree
★ 4-year or higher degree

Information courtesy of ACT

When registering for a World Language class at Rocky, please note the following:

- Foreign language is an academic course. Students should be aware that they will be held accountable for information from previous levels and will build upon their skills in the next level. Students accustomed to earning high grades should note that more effort will be required to maintain the same high grades as the level of language study increases. Grades in foreign language classes reflect knowledge and skills acquired in addition to the effort put forth by the students.
- Rocky utilizes the block system. Information is given at an accelerated and intense pace. Students should be prepared to learn and work **in and outside** of the classroom. Homework is a regular expectation. **Attendance is essential.** Students cannot receive input in a second language if they are not in class and actively participating daily. Tests and quizzes may be given on any day of the week. We follow the ACTFL Standards meaning 95% of instruction will occur in the target language beginning at level 1.
- To be admitted to most Colorado colleges, it is recommended by the Colorado Commission on Higher Education that students successfully complete at least 2 levels of a language. **Please verify with your college of choice what their specific language requirements are.**

- If the student earned a D or lower at the previous level, continuation will be extremely challenging. The student will be better served by repeating the previous level to ensure that a solid base of skills is attained. Students who receive a D at any level have the option to retake the class and replace the grade.
- Students may not continue language study if an F is earned. Students will be dropped at the quarter if they have an F, and may only continue to the next level if the quarter is repeated and the F is replaced with a passing grade.

Benefits of full language program completion (Levels 1 through 5):

- Students can earn the Seal of Biliteracy on their diploma at graduation.
- College credit can be earned by successfully completing language courses at Rocky via
 - FRCC concurrent enrollment
 - AP score depending on future university criterion
- Students may earn a German Language Diploma granting German University access.



French

Kari Bridenbaugh: kbridenb@psdschools.org or 488-7123

The study of this modern language enhances an awareness of life and people of Europe, Africa, North America, the South Pacific, and the Caribbean. Students learn to speak the language as well as gain an understanding of the contributions of francophone cultures to the world, both past and present. As the world becomes smaller through technology, this language continues to open doors to communication, business, and knowledge.

German

Jennifer Roper: jroper@psdschools.org or 488-7189

The political changes and advancements in Western Europe make German a language which continues to increase in importance. German language study promotes communication as well as understanding and exposure to culture, literature, art, and history of Germany, Austria, Switzerland, and Lichtenstein. The German language is becoming more practical in the international market as the European Community continues to grow.

Spanish

Stephanie Carson: scarson@psdschools.org or 488-7136

Universities and employers favor students with a proficiency in a second language. Spanish is the second most spoken language in the world, making it an extremely practical language to learn. Knowledge of Spanish affords students a competitive edge in today's world economy. We will delve into the cultural contributions of the Spanish-speaking world, bringing those cultures to life in our community.

LEVEL 1: FRENCH (4710), GERMAN (4720), and SPANISH (4730):

Credit: 10

Grades: 9th – 12th

Prerequisite: None

Requirement: World Language/Culture

Students are introduced to vocabulary and structures. Activities include dialogs, novice readings, listening selections, and written communication. Students experience language through the study of cultures, while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

LEVEL 2: FRENCH (4750), GERMAN (4760) and SPANISH (4770):

Credit: 10

Grades: 9th – 12th

Prerequisite: Level 1

Requirement: World Language/Culture

Students *increase* vocabulary and structures. Activities include dialogs, novice readings, listening selections, and written communication. Students experience language through the study of cultures, while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

LEVEL 3: FRENCH (4790), GERMAN (4800) and SPANISH (4810):

Credit: 10

Grades: 9th – 12th

Prerequisite: Level 2

Requirement: World Language/Culture

Students *enhance* vocabulary and *expand* structures. Activities include conversations, authentic readings, intermediate listening selections, and written communication. Students experience language through the study of cultures, while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

LEVEL 4: FRENCH (4820), GERMAN (4830CEFR) and SPANISH (4840CEFR):

(German and Spanish students receive FRCC credit)

Credit: Two-term class (10 credits)

Grades: 9th – 12th

Prerequisite: Level 3

Requirement: World Language/Culture

Students *expand* vocabulary and *refine* structures. Activities include conversations, authentic readings, advanced listening selections, and written communication. Students experience language through the study of cultures, while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

LEVEL 5: AP FRENCH (4850), AP GERMAN (4860) and AP SPANISH (4871):

Advanced Placement Credit Option for French, German and Spanish, and FRCC Credit Option for German and Spanish.

Credit: 10

Grades: 9th – 12th

Prerequisite: Level 4 or teacher approval

Requirement: World Language/Culture

Students *solidify* vocabulary and *apply* structures as independent learners in preparation for the **AP exam**. Activities include conversations, authentic readings, advanced listening selections, and written communication. Students experience language through the study of cultures, while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

SPANISH ADVANCED COMMUNICATION (4888)

Credit: 10

Grades: 10th – 12th

Prerequisite: Spanish Level 4

Requirement: World Language/Culture

Advanced Spanish Communication gives students with developed language skills the opportunity to maintain, improve and refine their Spanish communication skills through literature, current events, film, community service and other interactive activities. The entire course will be conducted in Spanish. Students are expected to fully participate in all disciplines of the course in Spanish. Students in this course address the World Language standards of communication, culture, connections, and comparisons. ***This course will only be offered when enough students sign up.***

SPANISH LITERACY 2 (4912)

Credit: 10

Grades: 9th – 12thPrerequisite:Requirement: World Language/Culture

This course is intended for students with good Spanish language comprehension but basic literacy skills. Students will improve their communication and literacy skills of reading and writing. Activities include reading and responding to short stories in written and oral presentations and group activities. Students gain an enhanced understanding of fundamentals of Spanish grammar. This course addresses the World Language standards of communication, culture, connections, and comparisons.

SPANISH LITERACY 3 (4913)

Credit: 10

Grades: 9th – 12thPrerequisite:Requirement: World Language/Culture

This high school course is intended for Spanish-speaking students to improve and enrich literacy skills of reading and writing proficiency. Students receive instruction in reading comprehensions skills and strategies through Spanish literature selections. They also refine and improve skills that allow them to write for a wide range of purposes and a variety of audiences. This course addresses the World Language standards of communication, culture, connections, and comparisons.

Work-Based Learning Programs

Robert Papp, PaCE Coordinator - rpapp@psdschools.org

Kim Nigro, ACE Coordinator - knigro@psdschools.org

WORK-BASED LEARNING SEMINAR (PaCE) (1774)

Credit: Variable credit up to 45 credits

Grades: 10th – 12th

Prerequisite: None

Requirement: Elective

Work-based Learning (WBL) Seminar replaces PaCE 1 and PaCE 2. The program offers high school students the opportunity to develop skills necessary to be successful in a paid, unpaid or volunteer experience. This course will help students build and enhance their workforce ready skills which include communication, problem-solving, collaboration, interpersonal, self-management and organizational skills. Students may select the level of involvement based on the time they wish to commit their school schedule and their desire for a paid or unpaid experience. Students receive 1 credit for every 15 hours of work/volunteer experience with a maximum of 5 credits per quarter and a maximum of 45 overall credits. Summer opportunities are available.

PaCE – BUDDY (1783)

Credit: Variable credit up to 10

Grades: 11th – 12th

Prerequisite: None

Requirement: Elective

The PaCE Buddy's program offers students an opportunity to work one-on-one with an elementary or middle school student for mentoring, tutoring, and developing interpersonal skills. The student is required to attend training sessions that include: how to work with younger children dealing with confidentiality issues and an orientation meeting at the elementary or middle school where the student will be placed. Students are responsible for transportation and tracking volunteer hours. Variable credit is awarded as follows: 15 hours of volunteering = 1 credit.

PSD WORK-BASED LEARNING COURSES (Internships/Apprenticeships/Paid Work Experience):

Credit: Variable

Grades: 9th - 12th Grade

Prerequisite: Approval by Mr. Papp, WBL coordinator

Requirement: Elective

PSD Work-Based Learning (WBL) programs offer eligible students an opportunity to earn high school credit and gain experience in a chosen profession or industry. Students are eligible to enroll in a WBL course for an experience (internship, apprenticeship, paid relevant work experience) that is longer than 30 hours in length and earn variable elective credit (15 hours = 1 credit with a maximum of 5 credits per quarter). This course will support students as they develop professional workplace skills. Placements are based on availability and students must meet the requirements of the WBL experience.

Work-Based Learning (WBL) Courses available based on CTE pathway are:

WBL:Construction (2213)	WBL: Business and Marketing (1779)	WBL: Computer Science (6333)
WBL: Culinary and Hospitality (9220)	WBL: Education (4034)	WBL: Engineering (2214)

WBL: Healthcare (3074)	WBL: Interior/Fashion (1391)	WBL: Manufacturing (2294)
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ACE (Alternative and Cooperative Education)

ACE (Alternative & Cooperative Education)

In Poudre School District the Alternative Cooperative Education (ACE) provides work experience, related classroom instruction and vocational transition planning for high school students with special needs. Students develop personal and career skills preparing them to live and work independently as vital, contributing members of their community.

Eligibility: this program is for high risk students as well as on an Individual Education Plan (IEP) who demonstrate a need for transition services.

Services: classroom instruction and experiential learning opportunities to assist the student in developing personal and career skills. ACE includes Internships, paid work experience, mentoring and career tours.

For more information contact:
 Kim Nigro knigro@psdschools.org
 RMHS ACE coordinator

Courses in Multiple Departments

LOBO 101 (9944)

Credit: 5
 Grades: 9th

Prerequisite: 9th grade students new to Rocky Requirement: All 9th grade students

The purpose of Lobo 101 is to foster intellectual growth and habits of commitment by developing closer relationships between staff and students, coordinate services, facilitate communication (student-teacher-parent), provide an adult contact, and most importantly, personalize each new freshmen student's experience at Rocky Mountain High School.

PEER TUTORING (9956) (Elementary School Tutoring)

Credit: Variable credit up to 10
 Grades: 10th – 12th

Prerequisite: Application and parent permission forms must be completed by student and approved by Ms. Otteman the semester before the student wishes to tutor.

Requirement: Elective course, but tutors must be part of Rocky’s Gifted and Talented Program to participate. The elementary school tutoring program offers high school students an opportunity to tutor small groups of elementary students in a variety of subjects. Members of the class are required to attend training sessions such as how to work with younger children, dealing with confidentiality issues, etc. as well as an orientation meeting at the elementary where the student will be placed. High school students are responsible for their own transportation to and from the elementary school, and tracking volunteer hours. Variable credit is awarded as follows: 15 hours of volunteering = 1 credit.

FRONT RANGE COMMUNITY COLLEGE

Nicole Fassnacht, FRCC High School Program Coordinator at RMHS: nwilgenb@psdschools.org or 488-7038



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 2021-SPRING 2022

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 2021-SPRING 2022

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 2021-SPRING 2022

Available Programs:

- Automotive Technology & Service
- Welding & Metal Fabrication

- Take classes with other high school students on campus at FRCC.
- Programs emphasize hands-on learning in the FRCC Automotive and Welding shops in addition to classroom activities. *There is a student fee of \$100 or less in each program.*
- 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) high interest in program area 2) 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. 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 102 – Auto Shop Orientation (2 credits)	Fall	none	Fall: 6 credits
ASE 110 - Brakes I (2 credits)	Fall	Pre-requisite of ASE 102	
ASE 140 - Steering & Suspension (2 credits)	Fall	Pre-requisite of ASE 102	
ASE 120 – Basic Auto Electricity (2 credits)	Spring	Pre-requisite of ASE 102	Spring: 4 credits
ASE 130 - General Engine Diagnosis (2 credits)	Spring	Pre-requisite of ASE 102	

	Total: 10 credits
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Group 2:

FRCC Course	Semester	Testing Requirements, Course Prerequisites	Total Credits
ASE 102 – Auto Shop Orientation (2 credits)	Fall	none	Fall: 6 credits
ASE 120 – Basic Auto Electricity (2 credits)	Fall	Pre-requisite of ASE 102	
ASE 130 - General Engine Diagnosis (2 credits)	Fall	Pre-requisite of ASE 102	
ASE 140 - Steering & Suspension (2 credits)	Spring	Pre-requisite of ASE 102	Spring: 4 credits
ASE 110 - Brakes I (2 credits)	Spring	Pre-requisite of ASE 102	
			Total: 10 credits

2. 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 hands-on training in the FRCC Welding Shop, classroom activities, and group projects.

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 201 –Gas Metal Arc Welding I (4 credits)	Spring	Prerequisite or Co-requisite: WEL 100	
			Total: credits 13

ASCENT PROGRAM

Accelerating students through concurrent enrollment

ASCENT is a fifth-year high school program that lets eligible seniors take a year of only college classes at Front Range Community College or AIMS Community College. ASCENT students do not attend high school classes.

Tuition is free. However, students and parents must sign the agreement form, which states that if the student fails or withdraws from class after the first drop date, they are responsible for paying back tuition cost to the district.

To qualify, students must:

- Be under 21 and not participated in the ASCENT program previously
- Have a 2.0 or higher grade point average and not need remedial course work
- Meet high school graduation requirements by the end of their senior year
- Complete at least 12 college credits before the end of their senior year. CSU, Aims and FRCC classes accepted. AP and IB courses are accepted, but only if the student (not the high school counselor) has the AP or IB credit transcribed on the college transcript.
- Be accepted into the college and meet prerequisites, including required test scores, for college courses
- Take the Accuplacer placement tests

<https://www.psdschools.org/academics/college-career-readiness/ascent-program>

Poudre School District ASCENT COORDINATOR - Ms. Kelly Kappel E: kkappel@psdschools.org P: 970.490.3182



2021-2022 Pathway Schedule Availability

Updated 11/18/20

Fall Semester

Spring Semester

AM Session
9:15am-12:15pm

		Audio Production & Management 2
	Culinary (year-long, meets at FRHS)	
	Education (year-long)	
	Audio Production & Management	Coding (MobileMakers)
	Design Thinking	Business Incubator
	Aviation	Aviation

PM Session
12:45pm-3:45pm

	Networking & Cybersecurity (year-long)	
	Culinary (year-long, meets at FRHS)	
	Media and Graphic Design (year-long)	
	Audio Production & Management	Audio Production & Management
	Coding (MobileMakers)	Coding 2 (MobileMakers Studio)

Same schedule for a Futures Lab Student

- Students taking a Pathway at the Futures Lab will have their courses in this structure, whether in the AM, PM, Semester 1 or 2 session.
- Students in year-long pathways will have another Pathway course in place of Futures Lab Seminar on their assigned Phase 3 day.

	Mon	Tue	Wed	Thur	Fri
90 min	Pathway Course 10 credits				
90 min	Futures Lab Seminar (9 weeks) 5 credits Language Arts Option for Graduation Credit (9 weeks - 0 hour) 5 variable credits <ul style="list-style-type: none"> • Bilingual Econ • Personal Finance • Disruptive Technologies (Humanities credit) • Creativity and Innovation (Humanities credit) • Creative Writing Option for FRCC Classes (9 weeks) <ul style="list-style-type: none"> • ECO 202 - Microeconomics • POS 111 - Government • ART 110 - Art Appreciation • MAT 120 - Math in the Liberal Arts 				Flex Friday: -ICAP -Blended time -Capstone

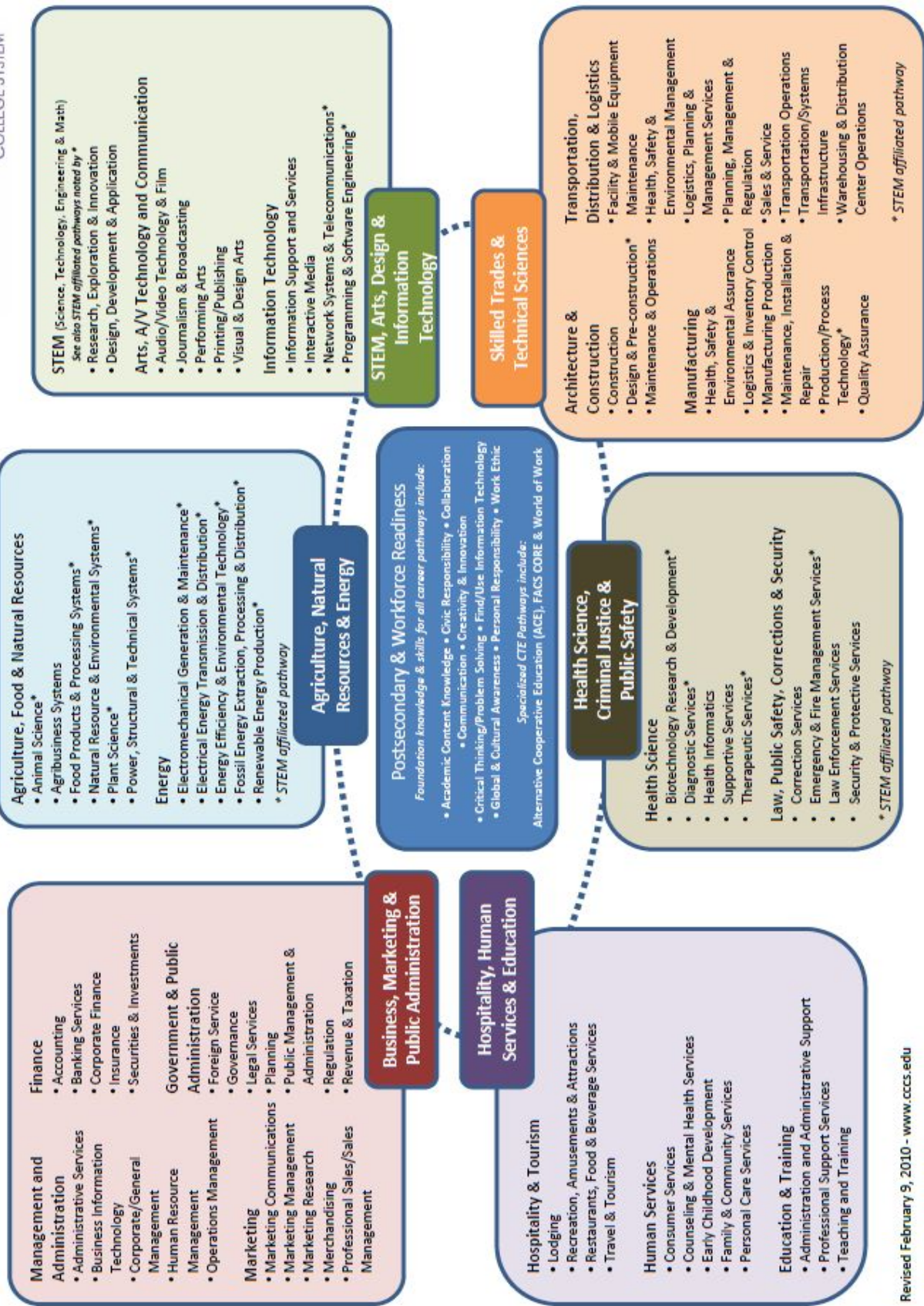
B Day Student	Monday	Tuesday	Wednesday	Thursday	Friday
90 minutes	Pathway (10 credits - varied) <small>*Virtual</small>	Pathway (10 credits - varied) <small>*at Partnership</small>	Pathway (10 credits - varied) <small>*Virtual</small>	Pathway (10 credits - varied) <small>*at Partnership</small>	FL Seminar Extension <i>-optional-</i> (1 PSD credit)
90 minutes	Futures Lab Seminar (5 Lang. Arts credits) <small>*Virtual</small>	Futures Lab Seminar (5 Lang. Arts credits) <small>*at Partnership</small>	Blended Grad Requirement (OPTIONAL - 5 credits in Gov't, Humanities, or Econ) <small>*Virtual</small>	Blended Grad Requirement (OPTIONAL - 5 credits in Gov't, Humanities, or Econ) <small>*at Partnership</small>	These modules will be blended - in person and virtual.

NOTES

Colorado Career Cluster Model



COLORADO COMMUNITY COLLEGE SYSTEM



Revised February 9, 2010 - www.cccs.edu

“The Poudre School District is committed to the policy that no otherwise qualified person shall be denied access to, be excluded from participation in, be denied the benefits of, or be subjected to unlawful discrimination under, any District program or activity on the basis of race, color, religion, national origin, ancestry, sex, sexual orientation, marital status, veteran status, age or disability. District compliance with this policy shall be the responsibility of, and reports and complaints of discrimination based on these protected classifications should be directed to: For District students and community members: Director of Student Services, 1630 South Stover Street, Fort Collins, Colorado 80525, phone: 970-490-3033; For District employees: Executive Director of Human Resources, 2407 La Porte Avenue, Fort Collins, Colorado 80521, phone: 970-490-3620.”