

WHEAT RIDGE HIGH SCHOOL



REGISTRATION COURSE GUIDE

2023 - 2024

Dear Farmer,

Our goal at Wheat Ridge High School is to help you become a successful and responsible student and prepare you for the challenges that await you upon graduation. This course registration guide is an important piece of information to help you plan for your success.

To find this success and prepare you as a responsible citizen, you will need to develop character qualities that you display daily. Research shows a direct correlation between attendance and active participation and success in school. Organizational skills, attentiveness, study skills and discipline are required to complete this mission. As you use this guide to plan your high school experience, please include your parents, teachers, counselors and administrators to help you make informed and good decisions that will ensure your success.

As you look through this guide, you will see that WRHS and Jefferson County Schools have many options to help you reach your personal goals. At WRHS, we have a variety of pathways available for different learners. We offer strong programs in the academic as well as elective programs, including a wide variety of honors, AP and GT classes to ensure all students are challenged. Jefferson County offers Warren Tech, courses from Red Rocks, on-line courses and other post-secondary options. Some of these may be of interest to you and may be an ideal fit.

Another important part of the high school experience is the social interaction. Research also shows a direct correlation between success at school and involvement in extra-curricular activities or athletics. We are proud of the many activities and clubs we offer at WRHS, as well as our rich tradition of athletic success, performing arts and fine arts. Involvement in these activities helps to build character, determination, pride in oneself and school and helps to build strong and life-long friendships. Please explore the different extracurricular opportunities and find which is right for you.

Remember that you will not achieve success alone. Success is created through your personal decisions and determination, supported by those around you who help to mentor, teach and guide you. Include these people in your planning and we can all plan to celebrate your successes together!

Sincerely,

Wheat Ridge High School

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Principal
Mr. Jef Fugita ~ Interim

Assistant Principals

Ms. Caroline Frazee A-G
Ms. Jennifer Marquez H-O
Mr. Jason Campbell Lb-Z

Academic Dean

Mr. Moses Izeta

Counselors

Ms. Jillian Benson A-G
Mr. Eric Mecca H-O
Ms. Amanda Olenberger P-Z

Social Workers

Ms. Grace Lopez-Aliaga

Registration Policies

Enrollment Requirements

Students are required to enroll and complete six classes each semester. Students may take an extra class such as Student Government, music, publications, student assistant and peer counseling. The courses offered within this guide may not represent the actual courses that are scheduled during the academic year.

Schedule Correction Policy

Please note: The possibility for course balancing and master schedule changes may cause changes to a student's schedule within the first two weeks of school. Please re-check your schedule the night before school begins for an updated schedule. If changes occur after the first day of school the student will be notified.

Students who wish to make changes to their schedule, and meet the criteria listed below, may do so by emailing their counselor the week before school starts*.

Criteria for Schedule Corrections:

- Student does not have the prerequisite to take a scheduled class.
- Student has already taken the class and it is not a repeatable class.
- Error in the schedule (Missing a core class or short the required number of classes for grade level)
- Straight drop that will not make the schedule short the required number of classes.
- Additional class to meet College or graduation requirement.
- Completed Level Changes. **

Requests That Will NOT Be Considered:

- Elective changes
- Periods off preferences
- Teacher changes
- Changes to accommodate parent/student work schedules.

* ALL SCHEDULE ERRORS MUST BE ADDRESSED BY EMAIL BEFORE THE 1st WEEK OF SCHOOL ENDS.

** For student-initiated level changes, students must consult their current teacher, parents and if applicable case manager prior to bringing the request to counseling. It is recommended that a student stay in class for a full week before they can request to be moved down a level.

Adding/Dropping Classes

All class additions must occur no later than the end of the first week of the semester. Classes dropped during weeks 2-6 will result in a grade of WF (Withdraw Fail) or WP (Withdraw Pass) as indicated by the teacher. Classes dropped after week six will result in a grade of "F" for the semester and will affect the cumulative GPA. See your counselor for the necessary form.

Grades and Credit

All classes at WRHS are worth .5 credit per semester unless otherwise noted. Progress report grades are issued every six (6) weeks. Only semester grades are recorded on transcripts.

Farmer Time

All students at Wheat Ridge High School will be enrolled in a high school support program. It is designed to aid the student with study skills, time management, and organization techniques, with an emphasis on developing character qualities. As well, this will include building strong relationships, a school culture with a positive climate, connection between work and home, academic support, and learning about and planning for post-secondary education and/or workforce readiness.

Make Up Course Opportunities

Students are not permitted to retake failed courses at Wheat Ridge High School. Students who fail classes must schedule an appointment with their counselor to explore credit recovery options. Students may not be able to continue on the required sequence of core classes unless they show an effort to make up failed classes in night school, summer school, online or through correspondence courses. Students may only take up to 2.0 credits outside of Jefferson County Public Schools. Students, who are athletes, make sure courses are NCAA approved.

Course Fees

Some courses have additional required fees to cover expenses. Fees are listed in the course descriptions. The fees will be collected at the beginning of the school year. An * designates additional costs that may be incurred, but are not collected at the beginning of the school year (ie. AP classes, Debate, Music, etc). **ALL FEES ARE SUBJECT TO CHANGE WITHOUT NOTICE.**

Weighted Grades

District Policy States Advanced Placement (AP) and Honors courses are weighted on a 5.0 scale. All other courses are graded on a 4.0 scale.

Valedictorian Selection

Candidates will be selected among WRHS students who have a combination of the highest weighted GPA, participation in Advanced Placement courses and engagement in the school community. Final selections are at the discretion of the Principal.

Wheat Ridge High School Graduation Requirement

1. Students must earn 23 academic credits in the following manner:

English/Language Arts	4.0 Credits	Social Studies	3.5 Credits
English 9	1.0 Credit	Geography (9)	0.5 Credit
English 10	1.0 Credit	U. S. History (10)	1.0 Credit
English 11	1.0 Credit	World History (11)	1.0 Credit
English 12	1.0 Credit	Economics (12)	0.5 Credit
		American Government (12)	0.5 Credit
Mathematics	3.0 Credits	Fine Art/Technical Art	0.5 Credit
One-year Algebra 1, one-year Geometry, and one additional yearlong course at or above Geometry.		(Art, Business, CTE Credit, Music, etc.)	
Science	3.0 Credits	Physical Education	0.5 Credit
Three years of science courses are required and may be any combination of courses. All three credits must be lab based.		Electives	8.5 Credits
		(World Language, STEM, Art, Music, Academic, etc.)	

TOTAL CREDITS = 23

AND

2. All students must demonstrate Career and College readiness in English and Math through one or more of the approved options in the menu below;

Demonstration of Career and College Readiness		
PWR Options ^a	English	Math
Accuplacer Next	241 in Reading or 236 in Writing	255 on AR or 230 on QAS ^b
American College Testing (ACT)	18	19
ACT WorkKeys	Bronze or higher	
Advanced Placement ^c (AP)	2	2
Armed Services Vocational Aptitude Battery (ASVAB)	31	
International Baccalaureate ^c (IB)	4	4
Scholastic Aptitude Test ^d (SAT)	470	500
Concurrent enrollment	Passing Grade	Passing Grade
Industry certificate	Completed	
District capstone	Passing	Passing
Performance Based Assessment (in development)	Statewide Rubric	Statewide Rubric

^a Check with your counselor to learn which of the above options are offered

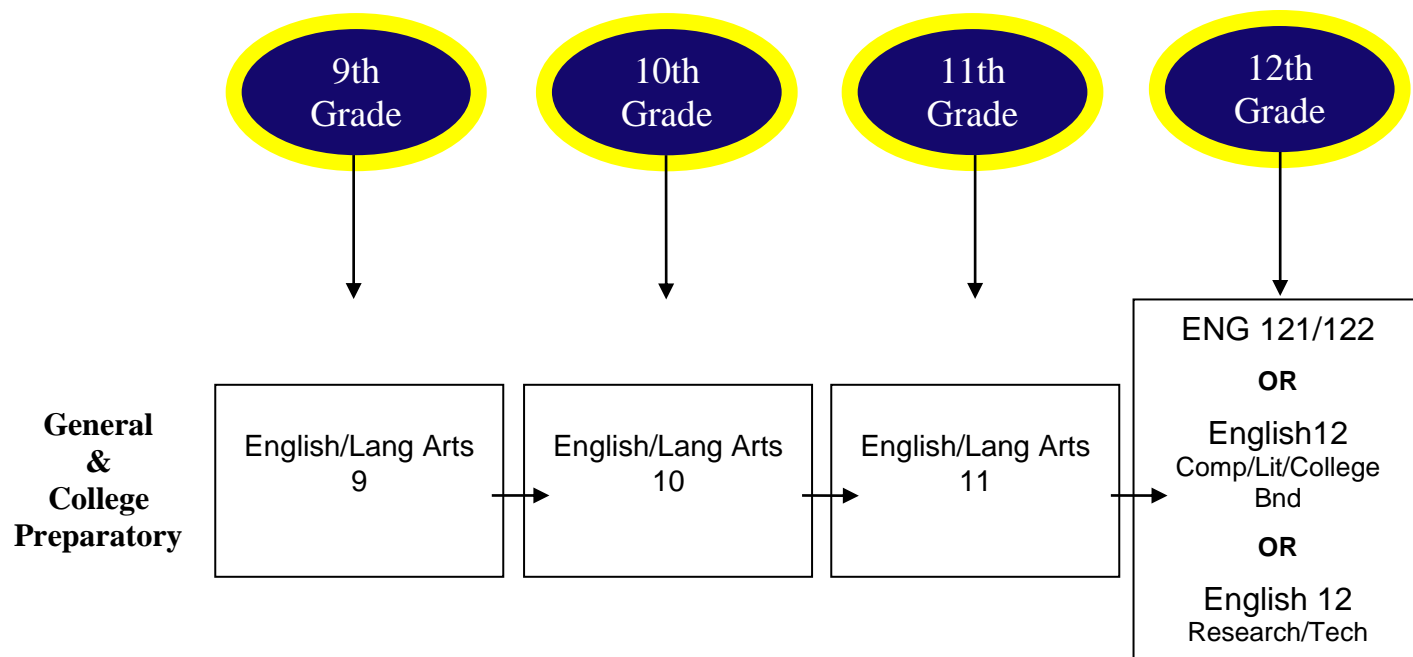
^b Arithmetic (AR); Quantitative Reasoning, Algebra, and Statistics (QAS)

^c Other demonstrations may be required if test scores come after the deadline

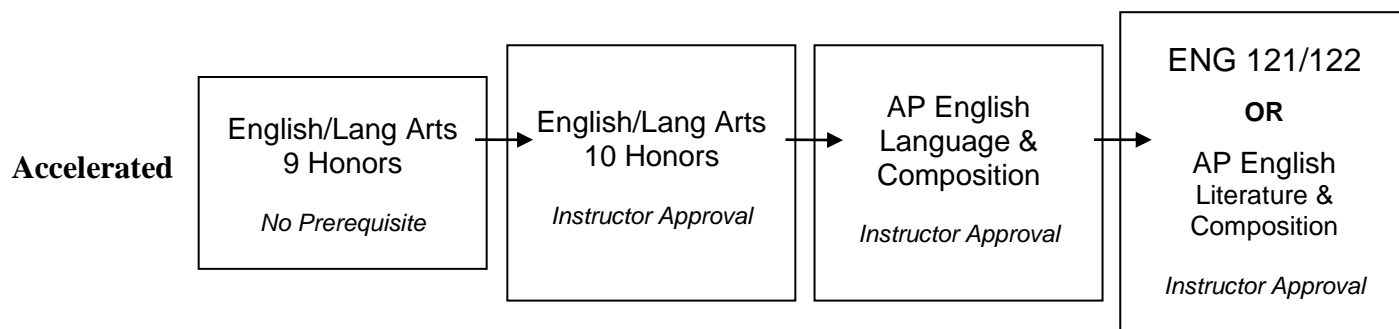
^d All students are required to take the SAT in their Junior year

English/Language Arts Flowchart

This curriculum is based on students receiving a progression of skills throughout their high school experience.
All core courses are year-long.



**Students have the ability to move between the two tracks
 with instructor approval.**



The following courses are available for ELECTIVE CREDIT ONLY:

Semester Classes: Design & Performance, Stage Production: IMPROV, Performance & Communication, Technical Theatre, Creative Writing, Film Studies, Public Speaking and Debate.

Year Long Class: Newspaper and Yearbook.

Mathematics Flowchart

This curriculum is based on each student receiving a progression of knowledge and skills throughout their high school experience following their appropriate level.
All courses are 1.0-credit yearlong courses.

Students will enter the following flow chart at their appropriate level as determined by student, parents, previous teachers and transcript evaluation. Students may select a regular or honors level course based upon teacher recommendation.

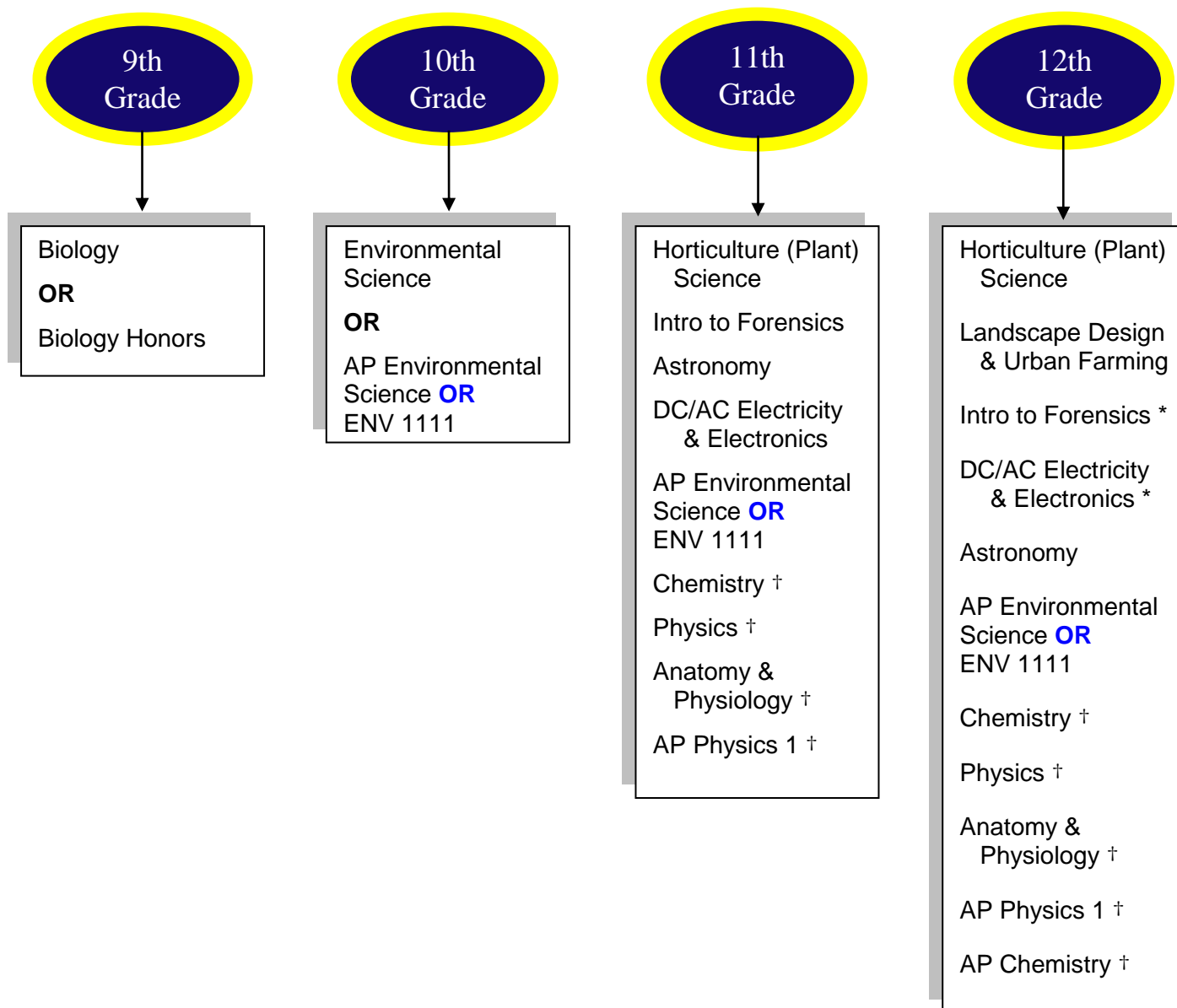
	Traditional Courses	Elective Courses [†]
Level 1	Algebra I * this course also provides an embedded Accelerated track	
Level 2	Geometry or Geometry Honors	Integrated Math II
Level 3	Algebra II or Algebra II Honors * this may be taken concurrently with Geometry in the same school year	Integrated Math III
Level 4	Probability & Statistics and/or Pre-Calculus/Trigonometry Honors	Social Issues
Level 5	Calculus	AP Calculus BC and/or AP Statistics
Level 6		* Multivariate Calculus Honors

[†] **Prerequisites** exist for these courses; please see the detailed course descriptions in the Academics section for Mathematics.

* This course is currently offered off campus and students may have a secondary high school enrollment corresponding with CU Succeeds.

Science Flowchart

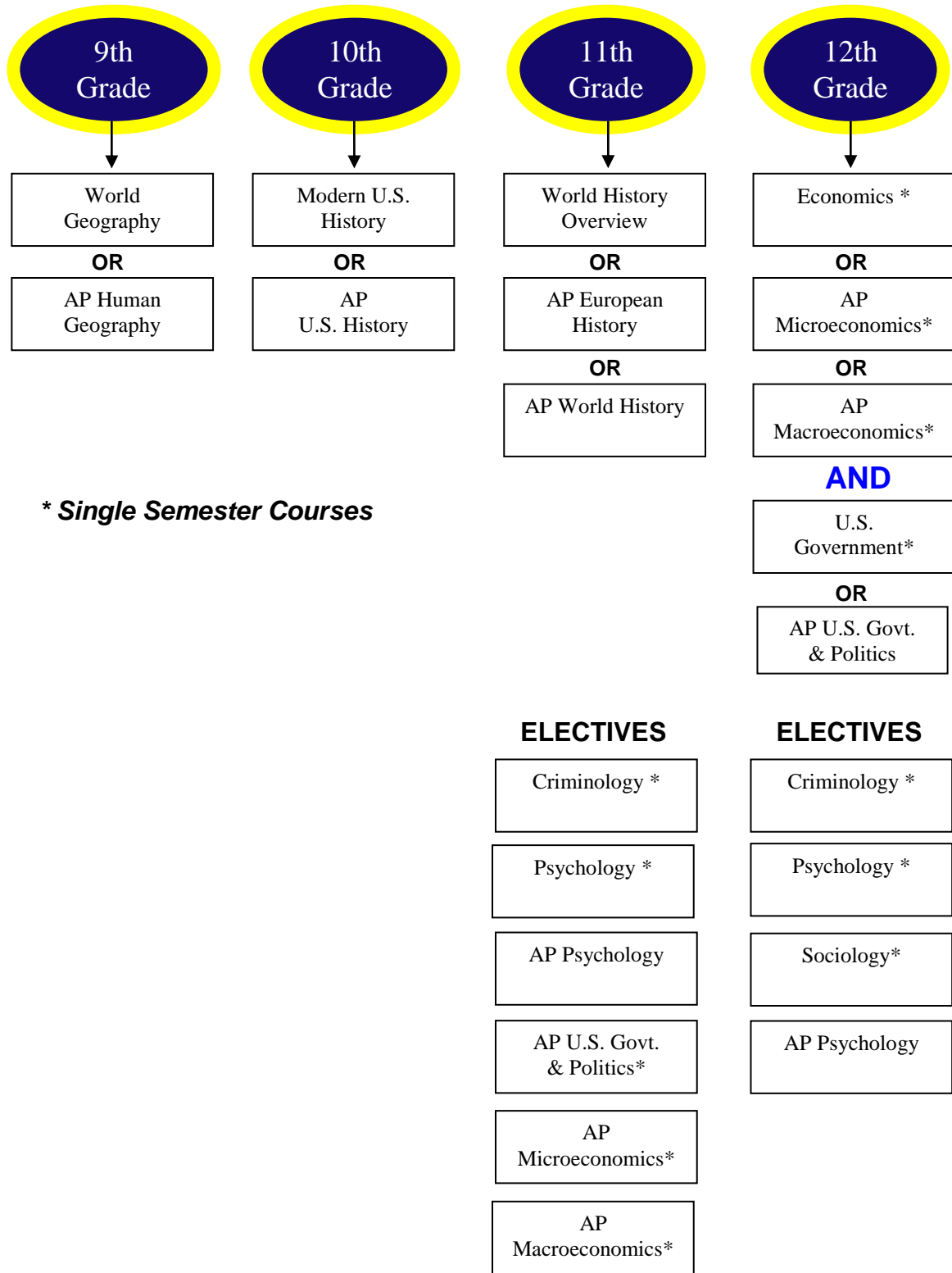
This curriculum is based on each student receiving a progression of knowledge and skills throughout his/her high school experience while providing opportunities to pursue various interests.
All courses are 1.0-credit yearlong courses unless otherwise indicated.



† **Prerequisites** exist for these courses; please see the detailed course descriptions in the Academics section for Science.

* *Single Semester Courses*

Social Studies Flowchart



*** Single Semester Courses**

GUIDANCE AND COUNSELING

Students are assigned alphabetically to a counselor based on the first initial of their last name. The assigned counselor keeps the grades, credit information, test scores and other information for those students in his/her alphabet.

The major areas in which counselors provide services to students are as follows: academic counseling, social/emotional issues, and post high school planning, including career options. Jeffco Connect is an online program designed to keep parents in touch with their student's daily attendance and grades. This is the most current information counselors, administrators, teachers and parents have regarding their student(s). Please contact the counseling office to register for access to Jeffco Connect.

Your high school years help determine the quality of your life for years to come. One of the biggest decisions for you will be the path you choose for your college/career choice. Use your high school years to explore different career options. Planning all four years of your high school education helps you keep focused on your goals and meet prerequisites and other requirements. It is essential you make wise and well informed decisions regarding your core and elective selections. It is also critical for you to get advice from your parents, teachers, and counselors. Make sure to choose classes to help you explore a variety of options and interests.

INDIVIDUALIZED CAREER AND ACADEMIC PLAN (ICAP)

The mission of Jeffco Public Schools is to provide a quality education that prepares all children for a successful future. Graduation requirements, adopted by the Jefferson County Board of Education, call for each student to have an **Individualized Career and Academic Plan beginning in seventh grade**. The plan will be the student's roadmap toward completing high school successfully and making good career decisions. Creating this plan will be a partnership between the student, parents and school staff. Schools will provide parents information regarding the process and timeline for creating the Individualized Career and Academic Plan. Naviance is designed to provide families the tools they need to help their child select a career goal, pick classes that will lead to high school graduation and plan for advanced education opportunities, all part of the Individualized Career and Academic Plan.

TESTING

Prepare to Succeed in College

What is AP: AP stands for advanced placement and is a course offered in high school that students can earn college credit for. Students take the yearlong course then take the AP test in May. If they receive a passing score (typically a 3 or better) they may earn college credit for that course. Most colleges use this credit to test out of prerequisites, or to give the credit for general courses.

AP Courses: Calculus AB, Calculus BC, Statistics, Chemistry, Physics 1, Environmental Science, English Language, English Literature, US History, European History, World History, Human Geography, Psychology, Microeconomics, Macroeconomics, Spanish, Drawing, Studio 2D and Studio 3D.

Why take AP:

- Save money in college: If a student can come in with college credit already earned, they will have fewer classes to pay for.
- College readiness: studies have shown that AP students have better four-year graduation rates than those who did not take AP.
- Taking AP increases eligibility for scholarships and makes candidates more attractive to colleges.
- 85 percent of selective colleges and universities report that a student's AP experience favorably affects admissions decisions.
- The Fee for each exam is \$96.00.

For ACT Testing Dates, check the official website @ www.actstudent.org

For SAT Testing Dates, check the official website @ www.collegeboard.org



Wheat Ridge High School is pleased to introduce Family Connection from Naviance, a web-based service designed especially for students and parents. Family Connection is a comprehensive web site that you can use to help in making decisions about colleges and careers. Family Connection is a service that we use in the Guidance Office to track and analyze data about our students college and career plans. We utilize Naviance for student's Individual Career and Academic Plan (ICAP). Family connection will allow you to:

- Get involved in the planning and advising process- Build a resume, complete on-line surveys, and manage timelines and deadlines for making decisions about colleges and careers.
- Fill out the Individualized Academic and Career Plan.
- Research/compare colleges – Compare GPA, standardized test scores, and other statistics to actual historical data from students who have already applied from our high school.
- Sign up for college visits – Find out which colleges are visiting our school and sign up to attend those sessions.

Active Your Account

Use your student's ID as their username and their 8 digit birthday to log onto <http://connection.naviance.com/wheatridge>. Parents are able to set up a separate account if needed. Please contact your student's counselor.

COUNSELING DEPARTMENT CAREER AND EDUCATIONAL PLANNING CALENDAR

FRESHMAN YEAR

August

- Students attend Fresh Farmers (Freshmen Orientation).

September through May

- Discuss with teachers, parents, and counselors any concerns you have about grades and academic achievement.
- Visit the Post Grad Center and utilize resources for career, vocational information.

September through October

- Read and review the information in the student planner.
- Review the list of school activities available to you and become involved in one.
- Pursue Community Service opportunities.
- Establish a plan for study and completion of homework assignments.
- Visit the Post Grad Center to explore and become aware of college and career resources.
- Complete ICAP using Naviance.
- Schedule a shadowing opportunity in a career field of your choice; to be completed on Future's Day.

January

- Discuss career and college plans with your counselor.
- Complete course registration for the following year.

March through April

- If necessary, discuss summer school with your counselor.
- Pursue community service opportunities for the summer.

SOPHOMORE YEAR

September through May

- Discuss with teachers, parents, and counselors any concerns you have about grades and academic achievements.
- Visit the Post Grad Center and use the resources.

September

- Review the list of school activities available to you and become involved.
- Pursue Community Service opportunities.
- Establish a plan for study and completion of homework assignments.
- Continue to explore post-high school career options available to you.

October through December

- Take the practice SAT test.
- Attend college fairs in the Metro Denver area.
- Review with your counselor, academic requirements related to graduation, college entrance, and career planning.
- Complete ICAP using Naviance.

January

- Read and review course offerings in the WRHS Registration Guide.
- Discuss career and college plans with your Counselor.
- Complete course registration for the following school year.

March through April

- If necessary, discuss summer school with your counselor.

JUNIOR YEAR

September through May

- Continue to explore post-high school career options available to you.
- Visit the Post Grad Center.

September

- Review the list of school activities available to you and become involved in one.
- Pursue Community Service opportunities if you have not already.
- Establish a plan for study and completion of homework assignments.
- Research and understand various kinds of higher education.

October

- Take the PSAT or ASVAB Test.

October through December

- Attend college fairs in the Denver Area.
- Review with your counselor academic requirements related to graduation, college entrance, and career planning.

January through March

- Interpret your PSAT scores in relation to your college planning.
- Complete ICAP using Naviance.
- Read and review course offerings in the WRHS Registration Guide.
- Complete course registration for the following year.
- See your counselor for a "Junior Visit."
- Discuss with your counselor your post-high school plans.
- Begin to identify, with the assistance of your counselor, the schools which could satisfy your preferences and which are compatible with your academic qualifications.
- Send for college catalogs and applications.
- Talk with college representatives.
- Register for ACT or SAT College tests.

April through May

- Take AP, SAT, and/or ACT college tests.
- Statewide SAT required for all juniors is given in April.
- Submit applications for U.S. Service Academy Nominations.
- Review ACT and SAT scores with your counselor and narrow your college choices.
- Register for June ACT and/or SAT tests.
- Familiarize yourself with the National Collegiate Athletic Association (NCAA) application process if applicable.
- Attend spring college fairs.
- If necessary, discuss summer school and/or correspondence course opportunities with your counselor.

June

- Take ACT and/or SAT College tests.

June, July, and August

- Make college visits and conduct interviews with college admissions counselors.

SENIOR YEAR

September

- Check scholarship application deadlines.
- Continue to explore post-high school career options available to you.
- Meet with your counselor and visit the Future Center to review college options.
- Plan visits to college campuses if you have not already made a college choice.
- Send for any additional college applications.
- Take the ACT or SAT if you have not previously taken them or if you would like to re-take them.
- Meet with college representatives if college plans have not been finalized.
- Attend college fairs.
- Attend college night at WRHS.

September through October

- Complete ICAP using Naviance.
- Review the list of school activities available to you and become involved in one.
- Continue to pursue Community Service opportunities.
- Review with your counselor the summary of high school credits.
- Obtain recommendations for colleges from faculty and employers. Complete personal profile. Give the recommender 3 weeks to complete letter.
- Meet with your counselor about Common Application 2 weeks prior to deadline date.
- Submit early admission applications to colleges.
- Take the ACT and/or SAT.
- Eligible athletics pick-up the NCAA information from your counselor.
- Check in the Post Grad Center for available scholarships. Be aware of deadlines.
- Complete and file FAFSA and other financial aid forms and applications.

October through November

- Attend college fairs.
- Attend financial aid night.
- Check scholarship listings in the Post Grad Center.
- Research and submit scholarship applications.
- Submit college applications.
- Attend financial aid seminars and/or workshops.
- Submit college applications to your counselor by the Friday before Thanksgiving to ensure delivery before winter break.

January

- Complete and submit college applications.
- Meet applications deadlines for specific colleges and programs.
- Review credits for high school graduation.

February

- Check college-housing deadlines.
- Meet with counselor for an update on credit status for graduation.
- Research and submit scholarship applications.

April through May

- Follow-up on college applications and finalize post-high school plans.
- Students taking correspondence courses must have them completed by May 1.
- Request final transcripts to be sent to colleges.
- Complete senior checkout and counselor verifications for high school graduation.

June through July

- Plan tentatively for the freshman year of college or other post high school institution.
- Attend Freshmen Orientation at your respective college.

COLLEGE INFORMATION

Higher Education Admission Requirements

In accordance with a policy passed by the Colorado Commission on Higher Education (CCHE), students who are admitted to any Colorado public four-year college and or university will need to complete the following courses which make up a solid pre-collegiate curriculum:

- Four years of English
- Four years of Mathematics at the level of Algebra I and higher
- Three years of Natural Science (two of which must be laboratory sciences)
- Three years of Social Studies (two of which must be U.S. History and World History)
- Two years of academic electives
- At least one year of a World Language (please check your college/university admission criteria)

Prospective Collegiate Student Athletes

Many college athletic programs are regulated by the National Collegiate Athletic Association (NCAA), an organization founded in 1906 that established rules on eligibility, recruiting and financial aid. If you are planning to enroll in college as a freshman wishing to participate in Division I or II athletics, you must be certified by the NCAA Initial-Eligibility Clearinghouse. The Clearinghouse ensures consistent application of NCAA Initial-Eligibility requirements for prospective student athletes at all member institutions.

Eligibility

- Registration must be completed by going online to: www.ncaaclearinghouse.net.
- A \$80 registration fee payable with a credit card will be needed at the time of registration.
- Two copies of the printed form must be given to a counselor (Form 1 and 2 signed).
- Check the approved core course list (this is the student's responsibility; courses change yearly).
- Coach's release form in Counseling Office.
- Division 1 and 2 require a minimum of 16 academic course units as follows:
 - 4 years of English
 - 3 years of Math (Algebra I or above)
 - 2 years of Science (1 year of lab science)
 - 2 years of Social Studies
 - 1 additional year of English, Math or Science
 - 4 years additional courses from list or second language
- Not all Wheat Ridge High School courses are recognized by NCAA. You may find a list of NCAA approved courses at www.eligibilitycenter.org. Click on Resources, US Students, and List of NCAA courses.
- You must have a core course GPA of 2.0 (based on a 4.0 scale) and a combined score on the SAT verbal and math sections, or a sum score on the ACT based on the qualifier index scale which can be found on the NCAA website or contacting 1-877-262-1492. (Computer Science is no longer a core course).

College Opportunity Fund

The College Opportunity Trust Fund, created by the Colorado Legislature, provides a stipend to eligible undergraduate students who are Colorado residents for tuition purposes. The stipend pays a portion of your total in-state tuition when you attend a Colorado public institution or a participating private institution. Eligible undergraduate students must apply, be admitted and enroll at a participating institution. Both new and continuing students are eligible for the stipend. The stipend will assist with the first 145 credit hours of your undergraduate degree program at a Colorado college. Qualifying students may use the stipend for eligible undergraduate classes. The stipend is paid on a per credit hour basis to the institution at which the student is enrolled. The credit-hour amount will be set annually by the General Assembly. The application to apply for the stipend is currently available at www.collegeincolorado.org; click on "College Opportunity Fund." All Colorado residents should apply for the College Opportunity Fund in order to offset the entire cost of tuition at each college.

SAMPLE ADMISSION CRITERIA FOR COLLEGE ENTRANCE

4 Major Factors for College Admission

If your plans after graduation from high school include college, you should keep in mind the four major factors upon which college admission is based.

- Quality of your courses of study while in high school
- Grades earned in these courses and the resulting grade point average and class rank.
- Test scores on the ACT and/or SAT tests
- Activities of recommendation when appropriate

Admission requirements to colleges and universities vary greatly. Students should seek information about the colleges or universities they are interested in attending to determine the exact requirements. Catalogs may be obtained from the college or your high school postgraduate or counseling center.

GENERAL COLLEGE REQUIREMENTS

The following colleges and universities are listed according to the levels of entrance difficulty developed by Peterson's, a leading provider of education data.

Most Difficult	Very Difficult	Moderately Difficult	Minimally Difficult
Examples: US Air Force Academy, Stanford, Harvard, Duke	Examples: Colorado College, Colorado School of Mines, Pepperdine University, UCLA	Examples: University of Colorado/Boulder, University of Denver, Colorado State	Examples: Metropolitan State, Mesa State, Western Colorado University
More than 75% of the freshmen were in the top 10% of their high school class and scored over 1310 on the SAT 1 or over 29 on the ACT. About 30% or fewer of applicants were accepted.	More than 50% of the freshman were in the top 10% of their high school class and scored over 1230 on the SAT 1 or over 26 on the ACT. About 60% or fewer of applicants were accepted.	More than 75% of the freshmen were in the top half of their high school class and scored over 1010 on the SAT 1 or over 18 on the ACT. About 85% or fewer of applicants were accepted.	Most freshmen were not in the top half of their high school class and scored below 1010 on the SAT 1 or below 19 on the ACT. About 95% or fewer of applicants were accepted.

ADDITIONAL POST-SECONDARY EDUCATION OPTIONS

Community Colleges	Apprenticeships	Technical Colleges
Examples: Red Rocks Community College, Community College of Denver	Examples: Colorado Contractor's Association	Examples: DeVry University
Offer Associate Degree and Certificate programs to prepare students for transfer to other colleges or for direct entry into the workforce.	Offer Journeyman Certificates and Associate degrees. Includes competency based registered apprenticeship programs in; carpentry, cement mason, heavy equipment, iron worker, truck mechanic. Typically, each program offers both on-the-job training and classroom experience through community colleges.	Offer Associate's Bachelor's and Master's degree programs in business, technology, health-care technology, and management. Includes flexible scheduling, on-line learning options and faculty with industry experience.
Open enrollment institutions for students, 17 years of age or older, Placements tests.	High school diploma or General Education Development (GED) certificate, At least 17 years old, Pre-qualifying tests, Interviews. Some programs will consider grade point averages in their selection procedures.	High School diploma or General Education Development (GED) certificate, At least 17 years old, a GPA of at least 2.0. Some programs may require ACT or SAT scores, Placement exams.

STUDENT FOUR-YEAR PLAN WORKSHEET

Each student is responsible for obtaining the required credits for graduation. The following chart is provided to help you chart your progress toward graduation.

9 th Grade 1 st Semester	Credit	Completed	9 th Grade 2 nd Semester	Credit	Completed
1. English 9	0.5		1. English 9	0.5	
2. Math	0.5		2. Math	0.5	
3. Biology	0.5		3. Biology	0.5	
4. Geography	0.5		4. Social Studies	0.5	
5. Elective	0.5		5. Elective	0.5	
6. Elective	0.5		6. Elective	0.5	
7. Elective	0.5		7. Elective	0.5	
Farmer Time	0.125		Farmer Time	0.125	
Total	3.625		Total	3.625	

10 th Grade 1 st Semester	Credit	Completed	10 th Grade 2 nd Semester	Credit	Completed
1. English 10	0.5		1. English 10	0.5	
2. Math	0.5		2. Math	0.5	
3. Environmental Science	0.5		3. Environmental Science	0.5	
4. U.S. History	0.5		4. U.S. History	0.5	
5. Elective	0.5		5. Elective	0.5	
6. Elective	0.5		6. Elective	0.5	
Farmer Time	0.125		Farmer Time	0.125	
Total	3.125		Total	3.125	

11 th Grade 1 st Semester	Credit	Completed	11 th Grade 2 nd Semester	Credit	Completed
1. English 11	0.5		1. English 11	0.5	
2. Math	0.5		2. Math	0.5	
3. Science	0.5		3. Science	0.5	
4. World History	0.5		4. World History	0.5	
5. Elective	0.5		5. Elective	0.5	
6. Elective	0.5		6. Elective	0.5	
Farmer Time	0.125		Farmer Time	0.125	
Total	3.125		Total	3.125	

12 th Grade 1 st Semester	Credit	Completed	12 th Grade 2 nd Semester	Credit	Completed
1. English 12 - CCB	0.5		1. English 12 - CCB	0.5	
2. Economics / Gov't	0.5		2. Economics / Gov't	0.5	
3. Elective	0.5		3. Elective	0.5	
4. Elective	0.5		4. Elective	0.5	
5. Elective	0.5		5. Elective	0.5	
6. Elective			6. Elective	0.5	
Farmer Time	0.125		Farmer Time	0.125	
Total	2.625		Total	2.625	

Graduation Requirements 23.0 Credits

English – 4.0 Credits
Mathematics – 3.0 Credits
Science – 3.0 Credits
Social Studies – 3.5 Credits

Physical Education – 0.5 Credit
Fine Art/Technical Art – 0.5 Credit
Electives – 8.5 Credits

ENGLISH/LANGUAGE ARTS		*=additional fee possible
English/Lang Arts 9 Course Code: 01001G05012 / 01001G05022 Prerequisite: None Credit Type: English Language Arts Fee: None Grade: 9 <i>Full Year</i>	English/Language Arts 9 incorporates the five aspects of language arts: reading, writing, speaking, listening, and viewing. Study of genres leads to written compositions that build upon students' prior knowledge of grammar, vocabulary, word usage, and mechanics. Students apply comprehension and critical reading skills to both literature and nonfiction.	
English/Lang Arts 9 Hon Course Code: 01001H05012 / 01001H05022 Prerequisite: Instructor Approval Credit Type: English Language Arts Fee: \$6.00 Grade: 9 <i>Full Year</i>	English/Language Arts 9 incorporates the five aspects of language arts: reading, writing, speaking, listening, and viewing. Study of genres leads to written compositions that build upon students' prior knowledge of grammar, vocabulary, word usage, and mechanics. Students apply comprehension and critical reading skills to both literature and nonfiction. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course. <i>Fee is for Actively Learn Digital Novel.</i>	
English/Lang Arts 10 Course Code: 01002G05012 / 01002G05022 Prerequisite: None Credit Type: English Language Arts Fee: None Grade: 10 <i>Full Year</i>	English/Language Arts 10 offers a balanced focus on composition and literature. Students read widely to improve their reading rate, vocabulary, and comprehension and develop skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. Students apply knowledge of purposes and audiences by studying and producing various genres. Oral communication is practiced in group settings as well through presentations.	
English/Lang Arts 10 Hon Course Code: 01002H05012 / 01002H05022 Prerequisite: Instructor Approval Credit Type: English Language Arts Fee: None Grade: 10 <i>Full Year</i>	English/Language Arts 10 offers a balanced focus on composition and literature. Students read widely to improve their reading rate, vocabulary, and comprehension and develop skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. Students apply knowledge of purposes and audiences by studying and producing various genres. Oral communication is practiced in group settings as well through presentations. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.	

English/Lang Arts 11 Course Code: 01003G05012 / 01003G05022 Prerequisite: None Credit Type: English Language Arts Fee: None Grade: 11 <i>Full Year</i>	English/Language Arts 11 develops students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, which students apply to compositions that utilize research and rhetoric. Students read nonfiction and literary works as a means to understand the world and to inform their writing. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. Participation in class dialogue and delivering presentations are expectations of this course.
AP English Lang & Comp Course Code: 01005H05012 / 01005H05022 Prerequisite: Instructor Approval Credit Type: English Language Arts Fee: \$10.00* Grade: 11 <i>Full Year</i>	Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes. <i>Students will take the AP test in May at a cost of about \$96.00.</i>
English12-Comp/Lit/CollegeBnd Course Code: 01102G05012 / 01102G05022 Prerequisite: None Credit Type: English Language Arts Fee: None Grade: 12 <i>Full Year</i>	English/Language Arts 12 blends composition, analytical reading, and literature into a cohesive whole. Students combine purposes, patterns, and genres in writing while incorporating research and rhetorical techniques. Collaboration and critical thinking lead to more complex presentations and products, with students honing their comprehension skills while reading more complicated literary and nonfiction texts. In this English/Language 12 option, the logic and critical-thinking skills that accompany effective writing will be reinforced; this course provides continued and advanced instruction in writing for a variety of purposes and audiences.
ENG 121 – English Composition I Course Code: 01103C05011 Prerequisite: None Credit Type: English Language Arts Fee: None Grade: 12 <i>Fall Semester</i>	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 is a statewide Guaranteed Transfer course in the GT-CO1 category. <i>This course is being offered for Concurrent Enrollment Credit through Arapahoe Community College/Red Rocks Community College. Students have the opportunity and are encouraged to register for this free College Credit as they are doing college level work in this class.</i>
ENG 122 – English Composition II Course Code: 01103C05021 Prerequisite: None Credit Type: English Language Arts Fee: None Grade: 12 <i>Spring Semester</i>	English Composition II expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. This is a statewide Guaranteed Transfer course in the GT-CO2 category. <i>This course is being offered for Concurrent Enrollment Credit through Arapahoe Community College/Red Rocks Community College. Students have the opportunity and are encouraged to register for this free College Credit as they are doing college level work in this class.</i>

English 12-Research/Tech Course Code: 01105G05012 / 01105G05022 Prerequisite: None Credit Type: English Language Arts Fee: None Grade: 12 Full Year	English/Language Arts 12 blends composition, analytical reading, and literature into a cohesive whole. Students combine purposes, patterns, and genres in writing while incorporating research and rhetorical techniques. Collaboration and critical thinking lead to more complex presentations and products, with students honing their comprehension skills while reading more complicated literary and nonfiction texts. Research/Technical Writing courses prepare students to write research papers and/or technical reports, with an emphasis on researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing for a variety of purposes and audiences.
AP English Lit and Comp Course Code: 01006H05012 / 01006H05022 Prerequisite: Instructor Approval Credit Type: English Language Arts Fee: \$25.00* Grade: 12 Full Year	Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing). <i>Additional texts may need to be purchased (see AP page for details). Students will take the AP test in May at a cost of about \$96.00.</i>
ENGLISH/LANGUAGE ARTS ELECTIVES	
Found of Design & Performance (Theatre) Course Code: 05053G05012 Prerequisite: None Credit Type: Fine Arts - CTE Fee: None Grade: 9, 10, 11, 12 One Semester	In Foundations of Design & Performance, students are introduced to the variety of programs and occupations in the arts, audio/video technology, and production. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. <i>This course is a required prerequisite for all entering freshmen before they are able to take any theatre acting course or is encouraged for any student who would like to take stagecraft. Open to all students who are interested in learning about all aspects of theatre.</i>
Stage Production Mgmt: IMPROV Course Code: 05061G05014 Prerequisite: Found of Design & Performance Credit Type: Fine Arts – CTE Fee: None Grade: 9, 10, 11, 12 One Semester	Improv is a specialty course that focuses on techniques and philosophy associated with the art of improvised performance. Students may develop a performance troupe and may participate in public performances. <i>Second semester Freshmen or any student who has taken Foundation of Design & Performance can choose this class second semester who wishes to focus on improvisation.</i>
Performance & Communication A Course Code: 05055G05014 Prerequisite: Found of Design & Performance Credit Type: Fine Arts - CTE Fee: * Grade: 10, 11, 12 One Semester	Performance & Communications A introduces students to methods of performance and performance-dependent careers. Though performance is a significant part of this course, further topics include financial awareness, promotion and marketing, and management and leadership. <i>Opportunities to go to the State Thespian Conference may also be available. An additional fee is required for competition.</i>

Technical Theatre A Course Code: 05056G05014 / 05056G05024 Prerequisite: Found of Design & Performance or Instructor Approval Credit Type: Fine Arts - CTE Fee: None Grade: 9, 10, 11, 12 One Semester	<p>Technical Theatre A introduces methods of constructing and painting scenery and properties, operating stage lighting and sound equipment, and implementing costumes and multimedia. This course explores the proper procedures of serving on stage crews.</p> <p><i>This course requires additional after school hours in performances, workshops, and projects. Competency tests are given along with hands on assessments.</i></p>
Technical Theatre B Course Code: 05056G05034 / 05056G05044 Prerequisite: Technical Theatre A or Instructor Approval Credit Type: Fine Arts - CTE Fee: None Grade: 10, 11, 12 One Semester	<p>Technical Theatre B introduces methods of constructing and painting scenery and properties, operating stage lighting and sound equipment, and implementing costumes and multimedia. This course explores the proper procedures of serving on stage crews.</p> <p><i>This course requires additional after school hours in performances, workshops, and projects. Competency tests are given along with hands on assessments.</i></p>
Film Studies Course Code: 05168G05011 Prerequisite: None Credit Type: Language Arts - Elective Fee: None Grade: 10, 11, 12 One Semester	<p>Film Studies courses expose students to the artistic techniques used by filmmakers. Students learn about the operation of a camera, lighting techniques, camera angles, sound, and editing techniques as they relate to the content of the film. Course topics may also include various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on), through studying the films of major filmmakers.</p>
Creative Writing Course Code: 01104G05011 Prerequisite: None Credit Type: Language Arts - Elective Fee: None Grade: 10, 11, 12 One Semester	<p>Creative Writing offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing courses cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).</p>
Public Speaking Course Code: 01151G05011 Prerequisite: None Credit Type: Language Arts - Elective Fee: None Grade: 9, 10, 11, 12 One Semester	<p>Public Speaking enables students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.</p>

<p>Debate Course Code: 01153G05011</p> <p>Prerequisite: None</p> <p>Credit Type: Language Arts - Elective</p> <p>Fee: None</p> <p>Grade: 9, 10, 11, 12 One Semester</p>	<p>This introduction to debate offers students the opportunity to learn how to use oral skills in formal and informal situations. In these courses, students are able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body.</p>
<p>English Lang Arts - Aide Course Code: 01995G02511 / 01995G05011</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: Elective (.25 credit)</p> <p>Fee: None</p> <p>Grade: 10, 11, 12 One Semester</p>	<p>English Language and Literature—Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.</p>

ENGLISH AS A SECOND LANGUAGE (ESL)

<p>Newcomer English Language Arts Course Code: 01008G05018 / 01008G05028</p> <p>Prerequisite: Access Score TBD</p> <p>Credit Type: Language Arts - Elective</p> <p>Fee: None</p> <p>Grade: 9, 10, 11, 12 Full Year</p>	<p>This course is designed primarily for linguistically diverse newcomers to the US who speak little or no English, have had limited or interrupted formal education, and may not be literate in their home language. Students in this class typically enter with a WIDA language proficiency level of approximately N/A to 1.4. Students will develop foundational English language skills in speaking, listening, reading and writing with particular emphasis on oral language communication, basic literacy skills, plus an introduction to the American school system and culture. This class prepares students to interact with teachers and peers in content area classes and adapt to the American educational system at the secondary level. The curriculum is based on the Colorado Academic Standards (CAS), Colorado English Language Proficiency (CELP) Standards, and WIDA performance definitions. Students will receive English Language Arts credit.</p>
<p>Beginning English Lang Arts Course Code: 01008B05089 / 01008B05099</p> <p>Prerequisite: Access Score TBD</p> <p>Credit Type: English Language Arts</p> <p>Fee: None</p> <p>Grade: 9, 10, 11, 12 Full Year</p>	<p>This course is designed primarily for linguistically diverse beginners who have completed Newcomer ELA (ESL 1) or are new arrivals to the US who have had formal education and are literate in their home language. They are still in the beginning or early intermediate stages of English language development, and typically enter with a WIDA language proficiency level of approximately 1.5 to 2.4. Through developmentally appropriate literary texts and highly scaffolded instruction, students develop or improve academic English language skills in speaking, listening, reading and writing, with particular emphasis on oral language, literacy, and American culture. This class prepares students to interact with teachers and peers in content area classes and adapt to the American educational system at the secondary level. The curriculum is based on the Colorado Academic Standards (CAS), Colorado English Language Proficiency (CELP) Standards, and WIDA performance definitions. Students will receive English Language Arts credit.</p>
<p>Intermediate English Lang Arts Course Code: 01008G05038 / 01008G05048</p> <p>Prerequisite: Access Score TBD</p> <p>Credit Type: Language Arts - Elective</p> <p>Fee: None</p> <p>Grade: 9, 10, 11, 12 Full Year</p>	<p>This course is designed primarily for linguistically diverse students who have completed Beginning ELA (ESL2) or are new arrivals to the US who have had formal education and are literate in their home language. They possess intermediate level knowledge of academic English in speaking, listening, reading and writing. They typically enter with a WIDA language proficiency level of approximately 2.5 to 3.4. Through developmentally appropriate texts and highly scaffolded instruction, students continue to develop and improve English language skills with emphasis on expanded literacy, critical thinking and oral language skills necessary to interact with teachers and peers at the secondary level. The curriculum is based on the Colorado Academic Standards (CAS), Colorado English Language Proficiency (CELP) Standards, and WIDA performance definitions. Students will receive English Language Arts credit.</p>
<p>Advanced English Language Arts Course Code: 01008G05078 / 01008G05088</p> <p>Prerequisite: Access Score TBD</p> <p>Credit Type: English Language Arts</p> <p>Fee: None</p> <p>Grade: 9, 10, 11, 12 Full Year</p>	<p>This course is designed primarily for linguistically diverse students who are in the higher intermediate to advanced stages of English language development. They may have completed Intermediate ELA (ESL 3) or may be new arrivals to the US. Although the students may have advanced oral skills, they struggle with the academic literacy demands of non-sheltered content classes. They typically enter with a WIDA language literacy proficiency level of approximately 3.5 or above. Through scaffolded instruction and developmentally appropriate texts across content areas, students expand their reading comprehension, oral and written expression, and improve the critical thinking and analytical skills necessary to access grade level curriculum at the secondary level. The curriculum is based on the Colorado Academic Standards (CAS), Colorado English Language Proficiency (CELP) Standards, and WIDA performance definitions. Students will receive English Language Arts credit.</p>

MATHEMATICS		<i>*=additional fee possible</i>
Algebra I Course Code: 02052G05014 / 02052G05024 Prerequisite: none Credit Type: Mathematics - Algebra I Fee: None Grade: 9, 10 <i>Full Year</i>	This course follows the Algebra 1 Jeffco Bridge to Curriculum. Mathematical reasoning, modelling, problem solving and communication are developed throughout the following units of study: Reasoning with Equations/Inequalities, Modeling with Linear Functions, Introduction to Exponential Functions, Quadratic Functions and Polynomial Operations, Descriptive Statistics, Analyzing Functions, Algebraic Reasoning with Geometric Concepts. **This course may be applied towards a STEM Endorsed Diploma	
Geometry Course Code: 02072G05014 / 02072G05024 Prerequisite: "C" or higher in Algebra I or Instructor Approval Credit Type: Mathematics - Geometry or Higher Fee: None Grade: 9, 10, 11 <i>Full Year</i>	This course follows Jeffco Geometry Bridge to Curriculum. Mathematical reasoning, modelling, problem solving and communication are developed throughout the following units of study: Expressing Geometric Properties with Equations, Congruence, Similarity, Right triangles and Trig, Quadrilaterals and Polygons, Probability and Statistics, Circles, Geometric Measurement and Dimension. **This course may be applied towards a STEM Endorsed Diploma	
Geometry Hon Course Code: 02072H05012 / 02072H05022 Prerequisite: "C" or higher in Algebra I or Instructor Approval Credit Type: Mathematics - Geometry or Higher Fee: None Grade: 9, 10 <i>Full Year</i>	This course follows Jeffco Geometry Bridge to Curriculum. District guidelines for honors course approval must be followed. The honors designation gives students the opportunity to engage in accelerated pacing, additional content, and applied learning/projects. Mathematical reasoning, modelling, problem solving and communication are developed throughout the following units of study: Expressing Geometric Properties with Equations, Congruence, Similarity, Right triangles and Trig, Quadrilaterals and Polygons, Probability and Statistics, Circles, Geometric Measurement and Dimension. **This course may be applied towards a STEM Endorsed Diploma	
Integrated Math II Course Code: 02061G05038 / 02061G05048 Prerequisite: Instructor Approval Credit Type: Mathematics - Geometry or Higher Fee: None Grade: 10, 11, 12 <i>Full Year</i>	This course is aligned with Colorado Academic standards for mathematics and includes the following units of study: Extending the Number System, Quadratic Functions/Modeling, Expressions/Equations, Applications of Probability, Similarity/Right Triangle Trig/Proof, Circles without Coordinates. **This course may be applied towards a STEM Endorsed Diploma	

<p>Integrated Math III Course Code: 02061G05058 / 02061G05068</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: Mathematics - Geometry or Higher</p> <p>Fee: None</p> <p>Grade: 11, 12 <i>Full Year</i></p>	<p>This course is aligned with Colorado Academic standards for mathematics and includes the following units of study: Inferences and Conclusions from Data, Polynomial/Rational/Radical Relationships, Trig/General Triangles/Trig Functions, Mathematical Modeling.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
<p>Algebra II Course Code: 02056G05012 / 02056G05022</p> <p>Prerequisite: "B" or higher in Algebra I and "C" or higher in Geometry or Instructor Approval</p> <p>Credit Type: Mathematics - Geometry or Higher</p> <p>Fee: *</p> <p>Grade: 9, 10 ,11, 12 <i>Full Year</i></p>	<p>This course follows Jeffco Algebra 2 Bridge to Curriculum. Mathematical reasoning, modelling, problem solving and communication are developed throughout the following units of study: Functions/Transformations/Systems, Complex Numbers through Quadratics, Polynomials/Polynomial Functions, Rational Exponents/Radical Functions, Exponential/Logarithmic Functions, Trigonometric Functions, Probability/Statistics, and Rational Functions.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>Students are required to provide their own graphing calculator.</i></p>
<p>Algebra II Hon Course Code: 02056H05012 / 02056H05022</p> <p>Prerequisite: "B" or higher in Algebra I and "C" or higher in Geometry or Instructor Approval</p> <p>Credit Type: Mathematics - Geometry or Higher</p> <p>Fee: *</p> <p>Grade: 9, 10 ,11, 12 <i>Full Year</i></p>	<p>This course follows Jeffco Algebra 2 Bridge to Curriculum. District guidelines for honors course approval must be followed. The honors designation gives students the opportunity to engage in accelerated pacing, additional content, and applied learning/projects. Mathematical reasoning, modelling, problem solving and communication are developed throughout the following units of study: Functions/Transformations/Systems, Complex Numbers through Quadratics, Polynomials/Polynomial Functions, Rational Exponents/Radical Functions, Exponential/Logarithmic Functions, Trigonometric Functions, Probability/Statistics, and Rational Functions.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>Students are required to provide their own graphing calculator.</i></p>
<p>Inferential Probability and Stat Course Code: 02202G05012 / 02202G05022</p> <p>Prerequisite: 2.0 Math credits earned</p> <p>Credit Type: Mathematics - Geometry or Higher</p> <p>Fee: None</p> <p>Grade: 11, 12 <i>Full Year</i></p>	<p>This full year course provides a means by which the student will become a more effective communicator through the study of probability and statistics. It focuses deeply on descriptive statistics, with an introduction to inferential statistics. Topics include sample spaces, measures of central tendency, normal curve, sampling techniques, standard deviation, t-test, correlation coefficient, techniques for determining probabilities, and matrix algebra. Students will be able to conduct a hypothesis test for a population mean, a population proportion, and a population variance; construct confidence intervals for population parameters; and conduct regression analysis for variables. Technology will be emphasized through the use of graphing calculators.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>

AP Statistics Course Code: 02203H05012 / 02203H05022 Prerequisite: “B” or higher in Pre-Calculus/Trig Credit Type: Mathematics - Geometry or Higher Fee: \$5.00* Grade: 11, 12 <i>Full Year</i>	<p>This course follows the College Board’s suggested curriculum designed to parallel college-level statistics courses. AP Statistics courses introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>Students will take the AP test in May at a cost of about \$96.00.</i></p>
Mathematics of Social Issues Course Code: 02209G05012 / 02209G05022 Prerequisite: Instructor Approval Credit Type: Mathematics - Geometry or Higher Fee: None Grade: 11, 12 <i>Full Year</i>	<p>Upon successful completion of this course, students will understand the multiple facets of mathematics that they are likely to encounter in their lives. Topics will include: collecting and organizing data, making inferences based on data, applying algebraic models to extrapolate data, and using probabilities to make predictions. All of these topics will be studied through current social issues. Examples include genocide, population growth, predatory lending, racial profiling, and increasing college tuition.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
Pre-Calculus/Trig Hon Course Code: 02110H05012 / 02110H05022 Prerequisite: “B” or higher in Algebra II Hon Credit Type: Mathematics - Geometry or Higher Fee: * Grade: 11, 12 <i>Full Year</i>	<p>This course combines the study of trigonometry, elementary functions, analytical geometry and math analysis topics as preparation for calculus. Topics include the study of complex numbers, polynomial, logarithmic, exponential, rational, right trigonometric and circular functions and their relations, inverses, and graphs, trigonometric identities and equations, solutions of right and oblique triangles, vectors, parametric equations and their graphs, the polar coordinate system, conic sections, and limits. NOTE: This class includes Calculus A topics. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>Students are required to provide their own graphing calculator. A text will need to be purchased (see AP page for details).</i> <i>College credit available through the University of Colorado/Denver.</i></p>
AP Calculus BC Course Code: 02125H05012 / 02125H05022 Prerequisite: Instructor Approval Credit Type: Mathematics - Geometry or Higher Fee: None Grade: 12 <i>Full Year</i>	<p>This course follows the College Board’s suggested curriculum designed to parallel college-level calculus courses. AP Calculus BC provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications, and also requires additional knowledge of the theoretical tools of calculus. This course assumes a thorough knowledge of elementary functions, and covers all of the calculus topics in AP Calculus AB as well as the following topics: vector functions, parametric equations and graphs, polar coordinates and functions, advanced techniques of integration, advanced applications of the definite integral, polynomial approximation and series.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>Students are required to provide their own graphing calculator. Students will take the AP test in May at a cost of about \$96.00.</i> <i>College credit available through the University of Colorado/Denver.</i></p>

MATHEMATICS ELECTIVES

Mathematics Aide

Course Code:

02995G02511 / 02995G05011

Prerequisite: Instructor Approval

Credit Type: Mathematics - Elective
(.25 credit)

Fee: None

Grade: 10, 11, 12 **One Semester**

Mathematics—Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course materials. Students may provide tutorial or instructional assistance to other students.

SCIENCE

**=additional fee possible*

Biology

Course Code:

03051G05012 / 03051G05022

Prerequisite: None

Credit Type: Science

Fee: None

Grade: 9 **Full Year**

This course is for scheduling students who need accommodations. Biology is designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy. Science courses are required to follow 2020 Colorado Academic Standards which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts, and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.

****This course may be applied towards a STEM Endorsed Diploma**

Biology Hon

Course Code:

03051H05012 / 03051H05022

Prerequisite: 8th Grade Science Teacher Approval

Credit Type: Science

Fee: None

Grade: 9 **Full Year**

Biology is designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy. **The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.** Science courses are required to follow 2020 Colorado Academic Standards which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts, and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.

****This course may be applied towards a STEM Endorsed Diploma**

Environmental Science

Course Code:

03003G05012 / 03003G05022

Prerequisite: None

Credit Type: Science

Fee: None

Grade: 10 **Full Year**

Environmental Science examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. Science courses are required to follow 2020 Colorado Academic Standards which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts, and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.

****This course may be applied towards a STEM Endorsed Diploma**

<p>AP Environmental Science Course Code: 03207H05012 / 03207H05022</p> <p>Prerequisite: Teacher Approval</p> <p>Credit Type: Science</p> <p>Fee: None*</p> <p>Grade: 10, 11, 12 Full Year</p>	<p>AP Environmental Science is designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>A textbook will need to be purchased (see AP page for details). Students will take AP test in May at a cost of about \$96.00.</i></p>
<p>ENV 1111 - Environmental Science Course Code: 03003C05012 / 03003C05022</p> <p>Prerequisite: RRCC Requirements</p> <p>Credit Type: Science</p> <p>Fee: None*</p> <p>Grade: 10, 11, 12 Full Year</p>	<p>Environmental Science introduces the basic concepts of ecology and the relationship between environmental problems and biological systems. This course includes interdisciplinary discussions on biology, chemistry, geology, energy, natural resources, pollution, and environmental protection. A holistic approach is used when analyzing how the foundations of natural sciences interconnect with the environment. This is a statewide Guaranteed Transfer course in the GT-SC1 category.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>Successful completion of this course will earn the student 4.0 credit hours from Red Rocks Community College.</i></p>
<p>Anatomy & Physiology Course Code: 03053G05012 / 03053G05022</p> <p>Prerequisite: Completion of a full year of Biology with a grade of 'C' or better</p> <p>Credit Type: Science</p> <p>Fee: \$15.00*</p> <p>Grade: 11, 12 Full Year</p>	<p>Anatomy and Physiology provides a deeper exploration of the human body and biological systems in greater detail. Students expand their knowledge of the body and terminology/phonetic pronunciations used to describe and locate body parts as well as an overall review of human development and body processes. This course includes infection control and standard precautions, which emphasizes the importance of maintaining health and safety in the healthcare work environment, additionally, it highlights the latest practices and protocols. Science courses are required to follow 2020 Colorado Academic Standards, which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts, and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>Course includes multiple dissections and an optional cadaver lab.</i></p>
<p>Astronomy Course Code: 03004G05012 / 03004G05022</p> <p>Prerequisite: None</p> <p>Credit Type: Science</p> <p>Fee: None</p> <p>Grade: 11, 12 Full Year</p>	<p>Astronomy offers students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomic instruments and typically explore theories regarding the origin and evolution of the universe, space, and time. Science courses are required to follow 2020 Colorado Academic Standards, which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts, and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>

Chemistry Course Code: 03101G05012 / 03101G05022 Prerequisite: Algebra II or Concurrent Credit Type: Science Fee: \$10.00 Grade: 11, 12 <i>Full Year</i>	<p>Chemistry involves studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied. Science courses are required to follow 2020 Colorado Academic Standards, which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts, and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
Physics Course Code: 03151G05012 / 03151G05022 Prerequisite: Algebra II or Concurrent Credit Type: Science Fee: \$10.00 Grade: 10, 11, 12 <i>Full Year</i>	<p>Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. Science courses are required to follow 2020 Colorado Academic Standards, which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts, and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
AP Physics 1 Course Code: 03165H05012 / 03165H05022 Prerequisite: Algebra II or concurrent Credit Type: Science Fee: \$10.00 Grade: 10, 11, 12 <i>Full Year</i>	<p>AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>A textbook will need to be purchased (see AP page for details). Students will take AP test in May at a cost of about \$96.00.</i></p>
Horticulture Science Course Code: 18052G05012 / 18052G05022 Prerequisite: None Credit Type: Science Fee: \$20.00 Grade: 11, 12 <i>Full Year</i>	<p>Horticulture Science is designed to introduce students to the horticulture industry. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, soil science, growing greenhouse crops. Improving industry standard workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
DC/AC Electricity & Electronics Course Code: 17108G05012 Prerequisite: None Credit Type: Science Fee: \$10.00 Grade: 11, 12 <i>One Semester</i>	<p>DC/AC Electricity & Electronics introduces the basic principles of electronics including the fundamentals of Direct Current (DC), Alternating Current (AC), and robotics. Topics include basic circuits, voltage, current and resistance measurement, Ohm's Law, series and parallel circuits, magnetism, motors and generators, electromagnetic induction, and robotics. Electronic theory is reinforced through bread boarding circuits in the lab. Students fabricate printed circuit board projects. Utilization of electronic test equipment is emphasized. This course may be taught in multiple pathways by the appropriately credentialed instructor and may be tailored to a specific industry (transportation, manufacturing, aviation, etc.)</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>

<p>Introduction to Forensics Course Code: 15055G05012</p> <p>Prerequisite: None</p> <p>Credit Type: Science</p> <p>Fee: \$10.00</p> <p>Grade: 11, 12 One Semester</p>	<p>Introduction to Forensics examines the philosophical considerations of the integration of forensic science disciplines with criminal investigations. The course encompasses and provides an overview of physical evidence and examines the major forensic sub disciplines of pathology, Health Science, Criminal Justice, and Public Safety Criminal Justice & Public Safety Cluster Course Descriptions 139 Page toxicology, deontology, anthropology, art, firearms and tool marks, criminalistics, serology, and questioned documents. The second semester of this two-semester course continues to examine the philosophical considerations of the integration of forensic science disciplines with criminal investigations. The course encompasses and provides an overview of physical evidence and examines the major forensic sub disciplines of pathology, toxicology, deontology, anthropology, art, firearms and tool marks, criminalistics, serology, and questioned documents. Science courses are required to follow 2020 Colorado Academic Standards which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts , and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
<p>AP Chemistry Course Code: 03106H05012 / 03106H05022</p> <p>Prerequisite: Chemistry and Algebra II. Physics may be concurrent</p> <p>Credit Type: Science</p> <p>Fee: \$15.00</p> <p>Grade: 11, 12 Full Year</p>	<p>Following the curricula recommended by the College Board, AP Chemistry usually follows high school chemistry and second-year algebra. Topics covered may include atomic theory and structure; chemical bonding; nuclear chemistry; states of matter; and reactions (stoichiometry, equilibrium, kinetics, and thermodynamics). AP Chemistry laboratories are equivalent to those of typical college courses.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>A textbook will need to be purchased (see AP page for details). Students will take AP test in May at a cost of about \$96.00.</i></p>
<p>Landscape Constr & Maintenance Course Code: 18054G05011</p> <p>Prerequisite: None</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$20.00</p> <p>Grade: 11, 12 Fall Semester</p>	<p>Landscape Construction and Maintenance provides instruction that incorporates plant science, soil and media mixtures, plant identification and optimal environments, and landscape design, installation, and maintenance of new and existing landscapes. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic experiences.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
<p>Urban Farm Management Course Code: 18204G05011</p> <p>Prerequisite: None</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: None</p> <p>Grade: 11, 12 Spring Semester</p>	<p>Urban Farm Management will focus on purpose, site identification, land access, soil quality, water resources, infrastructure for both indoor and outdoor growing operations, production strategies, market development, and financing as it applies to Urban Farming.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>

NUA101 CNA Health Care Skills Course Code: 14051C05011 Prerequisite: Career Explore or concurrent enrollment in Anatomy & Physiology Credit Type: CTE Fee: \$25.00 (for course scrubs) Grade: 11, 12 One Semester	<p>Certified Nurse Aid Health Care Skills prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, communication skills, personal care skills, safety and emergency care issues are covered. Includes knowledge and/or principles of asepsis, OSHA and HIPAA regulations. Ethical behaviors, cultural sensitivity and principles of mental health will be addressed, as well as patient rights.</p> <p><i>This course is being offered for Concurrent Enrollment Credit through Arapahoe Community College/Red Rocks Community College. Students have the opportunity and are encouraged to register for this free College Credit as they are doing college level work in this class.</i></p>
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SCIENCE ELECTIVES

Life/Physical Science Aide Course Code: 03995G02511 / 03995G05011 Prerequisite: Instructor Approval Credit Type: Science - Elective (.25 credit) Fee: None Grade: 10, 11, 12 One Semester	<p>Life and Physical Sciences—Aide offers students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students and may serve as laboratory assistants.</p>
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SOCIAL STUDIES

**=additional fee possible*

World Geography Course Code: 04001G05011 Prerequisite: None Credit Type: Social Studies - Geography Fee: \$8.00* Grade: 9 Full Year	<p>World Geography is a semester-long course focused on the relationships among people, places, and environments that result in geographic patterns on the earth and examines the basic concepts and processes that shape human geography. Global and local patterns of population, migration, environmental resources, globalization, as well as cooperation and conflict are surveyed and the factors influencing these patterns are discussed. Students will use geographic tools as well as primary and secondary resources to analyze Earth's human systems and physical features to investigate and evaluate relationships between them.</p>
AP Human Geography Course Code: 04004H05012 / 04004H05022 Prerequisite: None Credit Type: Social Studies - Geography Fee: \$8.00* Grade: 9, 10, 11, 12 Full Year	<p>Following the College Board's suggested curriculum designed to parallel college-level Human Geography courses, AP Human Geography introduces students to the systematic study of patterns and processes that have shaped the ways in which humans understand, use, and alter the earth's surface. Students use spatial concepts and landscape analysis to examine human social organization and its environmental consequences and also learn about the methods and tools geographers use in their science and practice.</p> <p><i>A textbook will need to be purchased (see AP page for details). Students will take the AP test in May at a cost of about \$96.00.</i></p>

Modern U.S. History Course Code: 04103G05012 / 04103G05022 Prerequisite: None Credit Type: Social Studies-American History Fee: \$8.00* Grade: 10 <i>Full Year</i>	Modern U.S. History is a year-long course that provides students with an understanding of key concepts of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas in the United States from Reconstruction to the present. Students will use the historical method of inquiry to formulate compelling questions, evaluate primary and secondary sources, analyze and interpret data, and argue for an interpretation defended by textual evidence. Following Colorado statute (C.R.S. 22-1-104.a); this course will include the history, culture, and social contributions of American minorities.
AP U.S. History Course Code: 04104H05012 / 04104H05022 Prerequisite: Instructor Approval Credit Type: Social Studies Fee: \$8.00* Grade: 10, 11, 12 <i>Full Year</i>	Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses, AP U.S. History provides students with the analytical skills and factual knowledge necessary to address critically problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past. <i>A textbook will need to be purchased (see AP page for details). Students will take the AP test in May at a cost of about \$96.00.</i>
Modern World History Course Code: 04053G05012 / 04053G05022 Prerequisite: None Credit Type: Social Studies - World History Fee: \$8.00* Grade: 11 <i>Full Year</i>	World History is a year-long course that provides students with an understanding of key concepts of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas throughout the world from the Renaissance to the present. Students will use the historical method of inquiry to formulate compelling questions, evaluate primary and secondary sources, analyze and interpret data, and argue for an interpretation defended by textual evidence. Following Colorado statute (C.R.S. 22-1-104.7); this course will include Holocaust and Genocide studies including the Armenian Genocide.
AP European History Course Code: 04056H05012 / 04056H05022 Prerequisite: Instructor Approval Credit Type: Social Studies - World History Fee: \$8.00* Grade: 11, 12 <i>Full Year</i>	Following the College Board's suggested curriculum designed to parallel college-level European History courses, AP European History examines European civilization from the High Renaissance period to the recent past and also expose students to the factual narrative. In addition, this course helps students develop an understanding of some of the principal themes in modern European history and the abilities to analyze historical evidence and to express that understanding and analysis in writing. <i>A textbook will need to be purchased (see AP page for details). Students will take the AP test in May at a cost of about \$96.00.</i>
AP World History Course Code: 04057H05012 / 04057H05022 Prerequisite: Instructor Approval Credit Type: Social Studies - World History Fee: \$8.00* Grade: 11, 12 <i>Full Year</i>	Following the College Board's suggested curriculum designed to parallel college-level World History courses, AP World History examines world history from 8000 BCE to the present with the aim of helping students develop a greater understanding of the evolution of global processes and contracts and how different human societies have interacted. This course highlights the nature of continuity and change over time in an international context and explores cause and effect relationships. <i>A textbook will need to be purchased (see AP page for details). Students will take the AP test in May at a cost of about \$96.00.</i>

U.S. Government and Civics Course Code: 04151G05011 Prerequisite: None Credit Type: Social Studies - Civics Fee: \$8.00* Grade: 12 One Semester	<p>U.S. Government and Civics is a semester-long course focused on purposes, roles, and limitations of the structures and functions of government as well as the role of civic participation on behalf of citizens. Students will analyze the role of founding principles and documents as they have and continue to apply to the functioning of U.S. government. Additionally, students will research and formulate positions on local, state, and national issues or policies to participate in a civil society including identifying the appropriate level of government to address specific concerns and exploring the role of individuals in influencing policy such as contacting elected officials, participation in civic organizations, and voting. Following Colorado statute (C.R.S. 22-1-104.a); this course meets the State graduation requirement.</p>
AP U.S. Govt and Politics Course Code: 04157H05011 Prerequisite: Instructor Approval Credit Type: Social Studies - Civics Fee: \$8.00* Grade: 11, 12 One Semester	<p>Following the College Board's suggested curriculum designed to parallel college-level U.S. Government and Politics courses, this course provides students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The course generally covers the constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties and interest groups, the institutions and policy process of national government, and civil rights and liberties.</p> <p><i>A textbook will need to be purchased (see AP page for details). Students will take the AP test in May at a cost of about \$96.00.</i></p>
Economics Course Code: 04201G05011 Prerequisite: None Credit Type: Social Studies - Economics Fee: \$8.00* Grade: 12 One Semester	<p>Economics is a semester-long course in which students will receive an overview of economics as well as personal financial literacy. The overview of economics will address principles of both microeconomics and macroeconomics including topics such as economic systems, market structures, government policies, and globalization and international trade. Personal financial literacy will include learning about individual earning capability, personal investment objectives, consumer skills, and financial risk management strategies. Following Colorado statute (C.R.S. 22-32-135); this course will include content relating to how to assess the affordability of and budget for different options for obtaining a postsecondary degree or credential and how to pay for higher education.</p>
AP Microeconomics Course Code: 04203H05011 Prerequisite: Instructor Approval from Social Studies or Math. Credit Type: Social Studies - Economics Fee: \$8.00* Grade: 11, 12 One Semester	<p>Following the College Board's suggested curriculum designed to parallel college-level microeconomics, AP Microeconomics courses provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers). They place primary emphasis on the nature and functions of product markets, while also including a study of factor markets and the role of government in the economy.</p> <p><i>Students will take the AP test in May at a cost of about \$96.00.</i></p>
AP Macroeconomics Course Code: 04204H05011 Prerequisite: Instructor Approval from Social Studies or Math. Credit Type: Social Studies - Economics Fee: \$8.00* Grade: 11, 12 One Semester	<p>Following the College Board's suggested curriculum designed to parallel college-level macroeconomics, AP Macroeconomics courses provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole. They place particular emphasis on the study of national income and price determination and developing students' familiarity with economic performance measures, economic growth, and international economics.</p> <p><i>Students will take the AP test in May at a cost of about \$96.00.</i></p>

SOCIAL STUDIES ELECTIVES	
Sociology Course Code: 04258G05011 Prerequisite: None Credit Type: Social Studies - Elective Fee: \$8.00 Grade: 11, 12 One Semester	<p>Sociology introduces students to the study of human behavior in society. The course provides an overview of sociology, generally including, but not limited to topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.</p>
Psychology Course Code: 04254G05011 Prerequisite: None Credit Type: Social Studies - Elective Fee: \$8.00 Grade: 11, 12 One Semester	<p>Psychology introduces students to the study of individual human behavior. Course content typically includes, but is not limited to an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.</p>
Criminology Course Code: 15051G05011 Prerequisite: None Credit Type: Fine Arts/CTE Fee: None Grade: 11, 12 One Semester	<p>Criminology introduces students to the field of criminology or the study of crime. Students look at possible explanations for crime from psychological, biological and sociological perspectives; explore the categories and social consequences of crime; and investigate how the criminal justice system handles criminals and their misdeeds.</p>
AP Psychology Course Code: 04256H05012 / 04256H05022 Prerequisite: None Credit Type: Social Studies - Elective Fee: \$8.00* Grade: 12 Full Year	<p>Following the College Board's suggested curriculum designed to parallel a college-level psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each major subfield within psychology, and enable students to examine the methods that psychologists use in their science and practice.</p> <p><i>The aim of this course is to provide a learning experience equivalent to that obtained in most college introductory psychology courses. Students may be asked to analyze a general problem in psychology (e.g. depression, adaptation) using concepts from different theoretical frameworks or subdomains in the field, or to design, analyze, or critique a research study. A text will need to be purchased (see AP page for details). Students will take the AP test in May at a cost of about \$96.00.</i></p>
Social Sci & Hist Aide Course Code: 04995G02511 / 04995G05011 Prerequisite: Instructor Approval Credit Type: Social Studies - Elective (.25 credit) Fee: None Grade: 10, 11, 12 One Semester	<p>Social Sciences and History—Aide offers students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.</p>

STEM ENGINEERING ELECTIVES

Engineering 1 Course Code: 21004G05012 / 21004G05022 Prerequisite: None Credit Type: Fine Arts/CTE Fee: None Grade: 9, 10, 11, 12 <i>Full Year</i>	<p>Engineering 1 is designed to introduce students to the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
Engineering 2 Course Code: 21004G05012 / 21004G05022 Prerequisite: Engineering 1 Credit Type: Fine Arts/CTE Fee: None Grade: 10, 11, 12 <i>Full Year</i>	<p>Engineering 2 is a fundamental course in the Engineering and Technology Program of Study for students interested in developing their skills in preparation for careers in engineering and technology. The course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Colorado. They will also be able to identify simple and complex machines, calculate various ratios related to mechanisms, explain fundamental concepts related to energy, understand Ohm's Law, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
Engineering 3 Course Code: 21006G05014 / 21006G05024 Prerequisite: Engineering 2 Credit Type: Fine Arts/CTE Fee: None Grade: 11, 12 <i>Full Year</i>	<p>Engineering 3 is an applied course for students interested in further developing their skills as future engineers. This course covers knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to explain the differences between scientists and engineers, understand the importance of ethical practices in engineering and technology, identify components of control systems, describe differences between laws related to fluid power systems, explain the importance of material and mechanical properties to design, create simple free body diagrams, use measurement devices employed in engineering, conduct basic engineering economic analysis, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>
Capstone: STEM Course Code: 22999G05012 / 22999G05022 Prerequisite: Engineering 3 Credit Type: Fine Arts/CTE Fee: None Grade: 12 <i>Full Year</i>	<p>The STEM Capstone is a student driven culminating project in a science, technology, engineering, or mathematics pathway. Students will work with professional STEM mentors as they define and navigate an investigation or design solution related to a STEM discipline of their choosing. Through the STEM Capstone students will demonstrate mastery in the following STEM skills (as defined by the Jeffco STEM Capstone Rubric): asking questions and defining problems, applying scientific and mathematical models to explain complex ideas, planning and carrying out investigations, analyzing and interpreting data, using mathematics and computational thinking, constructing explanations or designing solutions, engaging in argument from evidence, collaboration and leading by influence, and self-direction and personal responsibility. Students will demonstrate mastery through a portfolio of work linking their capstone project to the defined STEM skills and a public presentation of their solution and/or findings. The STEM Capstone is a required component of the STEM Endorsed Diploma.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p>

WORLD LANGUAGES	
French I Course Code: 06121G05012 / 06121G05022 Prerequisite: None Credit Type: World Language Fee: \$25.00 Grade: 9, 10, 11, 12 Full Year	<p>Designed to introduce students to French language and culture, French I emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people.</p> <p><i>Fee covers readers and online resources.</i></p>
French II Course Code: 06122G05012 / 06122G05022 Prerequisite: French I & Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 9, 10, 11, 12 Full Year	<p>French II courses build upon skills developed in French I, extending students' ability to understand and express themselves in French and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).</p> <p><i>Fee covers readers and online resources.</i></p>
French III Course Code: 06123G05012 / 06123G05022 Prerequisite: French II & Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 10, 11, 12 Full Year	<p>French III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.</p> <p><i>Fee covers readers and online resources.</i></p>
French IV Course Code: 06124G05012 / 06124G05022 Prerequisite: French III & Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 11, 12 Full Year	<p>French IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the French language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.</p> <p><i>Fee covers readers and online resources.</i></p>
AP French Language & Culture Course Code: 06132H05012 / 06132H05022 Prerequisite: Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 12 Full Year	<p>Designed to parallel third-year college-level courses in French Composition and Conversation, AP French Language courses build upon prior knowledge and develop students' ability to understand others and express themselves (in French) accurately, coherently, and fluently. Students will develop a vocabulary large enough to understand literary texts, magazine/newspaper articles, films and television productions, and so on.</p> <p><i>Fee covers readers and online resources. Students will need to purchase a teacher approved novel for class use (\$5.00-10.00) as well as supplemental AP preparation materials (\$30.00-50.00). Students will take the AP test in May at a cost of about \$96.00.</i></p>

Spanish I Course Code: 06101G05012 / 06101G05022 Prerequisite: None Credit Type: World Language Fee: \$25.00 Grade: 9, 10, 11, 12 Full Year	Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people. <i>Fee covers readers and online resources.</i>
Spanish II Course Code: 06102G05012 / 06102G05022 Prerequisite: Spanish I & Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 9, 10, 11, 12 Full Year	Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s). <i>Fee covers readers and online resources.</i>
Spanish III Course Code: 06103G05012 / 06103G05022 Prerequisite: Spanish II & Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 9, 10, 11, 12 Full Year	Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations. <i>Fee covers readers and online resources.</i>
Spanish IV Course Code: 06104G05012 / 06104G05022 Prerequisite: Spanish III & Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 10, 11, 12 Full Year	Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary. <i>Fee covers readers and online resources. Students will need to purchase a Teacher approved novel for class use (\$5.00-10.00).</i>
AP Spanish Language & Culture Course Code: 06112H05012 / 06112H05022 Prerequisite: Instructor Approval Credit Type: World Language Fee: \$25.00 Grade: 11, 12 Full Year	Designed by the College Board to parallel third-year college-level courses in Spanish Composition and Conversation, AP Spanish Language courses build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Students will develop a vocabulary large enough to understand literary texts, magazine/newspaper articles, films and television productions, and so on. <i>Fee covers readers and online resources. Students will need to purchase a teacher approved novel for class use (\$5.00-10.00) as well as supplemental AP preparation materials (\$30.00-50.00). Students will take the AP test in May at a cost of about \$96.00.</i>

Foreign Lang and Lit Aide Course Code: 06995G02511 / 06995G05011 Prerequisite: Instructor Approval Credit Type: World Language Elective (.25 credit) Fee: None Grade: 10, 11, 12 One Semester	Foreign Language and Literature—Aide courses offer students the opportunity to assist instructors in preparing, organizing or delivering course curricula. Students may provide tutorial or instructional assistance to other students.
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PHYSICAL EDUCATION	
Health Education Course Code: 08051G05011 Prerequisite: None Credit Type: Physical Education - PE Health Fee: None Grade: 9, 10, 11, 12 One Semester	Health Education has two components; classroom learning as well as exercise geared for lifetime fitness. In the classroom, students will apply health skills such as, goal setting, advocacy for self and others, and decision making while increasing their knowledge around health behaviors necessary for maintaining a healthy lifestyle. During the exercise component, students will engage in regular physical activity, as well as create and carry out a personalized fitness plan.
Team Sports Course Code: 08002G05012 / 08002G05022 Prerequisite: None Credit Type: Physical Education - PE Health Fee: \$15.00 Grade: 9, 10, 11, 12 One Semester	Team Sports courses provide students with knowledge, experience, and an opportunity to develop skills in a variety of team sports (such as volleyball, basketball, soccer, and so on). Team Sports is not intended to be a semester long sports specific course. Students develop a personalized fitness plan which includes principles of nutrition.
Physical Education Course Code: 08001G05012 / 08001G05022 Prerequisite: None Credit Type: Physical Education - PE Health Fee: \$15.00 Grade: 9, 10, 11, 12 One Semester	Physical Education provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities. Students develop a personalized fitness plan which includes principles of nutrition. <i>Focus on Basketball and related sports.</i>

Weight Training Course Code: 08009G05014 / 08009G05024 Prerequisite: None Credit Type: Physical Education - PE Health Fee: \$15.00 Grade: 9, 10, 11, 12 One Semester	Beginning Weight Training provides students with introductory knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. Anatomy and principles of conditioning are addressed. Students develop a personalized weight-training program, which includes principles of nutrition.
Weight Training Inter Course Code: 08009G05034 / 08009G05044 Prerequisite: Instructor Approval Credit Type: Physical Education - PE Health Fee: \$15.00 Grade: 10, 11, 12 One Semester	Intermediate Weight Training helps students go beyond the normal workout. Students are expected to have completed the basic Weight Training class and can demonstrate knowledge of the basics of resistance training techniques and design an individual weight-training program, which includes principles of nutrition.
Weight Training Adv Course Code: 08009E05012 / 08009E05022 Prerequisite: Instructor Approval Credit Type: Physical Education - PE Health Fee: \$15.00 Grade: 10, 11, 12 One Semester	Advanced Weight Training uses advanced skills and weight training techniques. Students develop a personalized weight-training program, which includes principles of nutrition. <i>Football and Baseball Teams Only.</i>
Physical/Health Education-Aide Course Code: 08995G02511 / 08995G05011 Prerequisite: Instructor Approval Credit Type: Physical Education Elective (.25 credit) Fee: None Grade: 10, 11, 12 One Semester	Physical, Health, and Safety Education—Aide offers students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.

ELECTIVES

*=*additional fee possible*

ART **All Intermediate & Advanced ART classes carry a prerequisite of an A or B in the previous course.**

<p>Ceramics Beg Course Code: 05159G05012</p> <p>Prerequisite: None</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$40.00*</p> <p>Grade: 9, 10, 11, 12 One Semester</p>	<p>Ceramics - Beginning is an introduction course that includes hand-building techniques while exploring the versatility of clay. This class focuses on hand building skills such as pinch, coil and slab methods. Students also will learn about surface decoration and firing possibilities as well as gain an understanding of basic vocabulary of working with clay. Some schools may also introduce the potter's wheel at the beginning level.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>
<p>Ceramics Int Course Code: 05159G05022</p> <p>Prerequisite: Ceramics Beg and Instructor Approval</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$40.00*</p> <p>Grade: 9, 10, 11,12 One Semester</p>	<p>Ceramics - Intermediate allows students who completed Beginning Ceramics to expand their skills. Students will explore new mediums and hand building techniques while beginning to develop a personal style. If the potter's wheel was introduced at the beginning level, students will continue to practice and refine their throwing skills.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>
<p>Ceramics Adv Course Code: 0515905011</p> <p>Prerequisite: Ceramics Int and Instructor Approval</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$40.00*</p> <p>Grade: 10, 11,12 One Semester</p>	<p>Ceramics - Advanced is designed to provide the student with a more in-depth approach to three-dimensional work. Students will explore a wide range of media while strengthening their skills, focusing on a high level of expressiveness. Students will analyze their own work as well as study the merits and meanings of contemporary and historical works of art.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>
<p>Creative Art-Draw/Paint Course Code: 05155G05012</p> <p>Prerequisite: None</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$35.00</p> <p>Grade: 9, 10, 11, 12 One Semester</p>	<p>Creative Art—Drawing/Painting covers the same topics as the Creative Art—Comprehensive course, but focuses on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but may focus on only one medium.</p>

<p>Creative Art-Draw/Paint Inter Course Code: 05155G05022</p> <p>Prerequisite: Found of Design and Media A or Creative Art-Draw/Paint</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$35.00</p> <p>Grade: 9, 10, 11, 12 One Semester</p>	<p>Creative Art—Drawing/Painting Intermediate will allow students who completed Beginning Drawing and Painting to expand their skills. Students will explore new mediums and techniques while focusing on observation and compositional elements. Contemporary trends in art will be integrated within this course to enrich student knowledge and awareness.</p>
<p>Capstone Design/Multimedia Art Course Code: 05197G05012 / 05197G05022</p> <p>Prerequisite: Found of Design and Media B or Creative Art-Draw/Paint Inter</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$45.00</p> <p>Grade: 10, 11, 12 Full Year</p>	<p>This course allows for individualized, advanced, and/or cumulative work in a program of study. This work is individualized to the student within a specific program of study to allow for specialized study. It may include problem-/project-based learning or preparation for industry certification. The specific content and course design is determined by the instructor, in collaboration with the individual student.</p> <p><i>This course may be taken 1st or 2nd semester or both semesters (not just one or the other).</i></p>
<p>AP 2-D Art and Design Course Code: 05174H05012 / 05174H05022</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$150.00 Base Fee*</p> <p>Grade: 12 Full Year</p>	<p>Designed for students with a serious interest in art, the AP Studio Art—2D Design course enables students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Students are asked to demonstrate proficiency in 2D design using a variety of art forms. These could include, but are not limited to, graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting or printmaking. This type of design involves purposeful decision making about how to use the elements and principles of art in an integrative way with the entire spectrum of ideas.</p> <p><i>Student must also be enrolled in an advanced level drawing course in addition to AP 2-D Art. Students may be required to pay for extra or higher quality materials. Students will submit an AP Portfolio in May at a cost of about \$96.00. See AP page for more details.</i></p>
<p>Graphic Design / Illustration I Course Code: 11154G05014 / 11154G05024</p> <p>Prerequisite: None</p> <p>Credit Type: Art – Fine Arts/CTE</p> <p>Fee: \$25.00*</p> <p>Grade: 9, 10, 11, 12 One Semester</p>	<p>Graphic Design & Illustration I is an entry level course for training in the visual communication portion of all media businesses. Students learn about a career in the many kinds of media and graphic design and illustration jobs. Digital photography and working towards the intermediate level use of image editing and drawing programs are strongly focused upon in this class. This is helpful for any future photographer, videographer, animator or advertiser. Students will begin developing a high-quality portfolio for college or design school.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>

Graphic Design & Illustr II Course Code: 11154G05034 / 11154G05044 Prerequisite: None Credit Type: Art – Fine Arts/CTE Fee: \$25.00* Grade: 9, 10, 11, 12 One Semester	<p>Design portfolios are expanded upon and improved in this second year of Graphic Design and Illustration. There is study of college art and media programs. More time is spent learning advanced concepts in illustration and the advertising and media business as well as new software programs while continuing to hone skills in image editing and digital photography. Large format printing of projects is common in this class.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>
Jewelry Course Code: 05166G05012 Prerequisite: None Credit Type: Art – Fine Arts/CTE Fee: \$45.00* Grade: 9, 10, 11, 12 One Semester	<p>Jewelry - Beginning courses apply art and design principles to the creation of jewelry. Typically, students explore using various media, such as ceramic, papier-mâché, glass, plastic, copper-enameled, brass, and silver. Course topics include exposure to jewelry of diverse world cultures and the history of jewelry design. Some Jewelry courses may concentrate on metalwork processes such as brazing, soldering, casting, welding, riveting, and finishing as they relate to the creation of jewelry.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>
Jewelry Int Course Code: 05166G05022 Prerequisite: Instructor Approval Credit Type: Art – Fine Arts/CTE Fee: \$45.00* Grade: 9, 10, 11, 12 One Semester	<p>Jewelry - Intermediate will allow students who completed Beginning Jewelry to expand their skills. Students will explore new techniques while focusing on observation and compositional elements. Contemporary trends in jewelry will be integrated within this course to enrich student knowledge and awareness.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>
Jewelry Adv Course Code: 05166E05011 Prerequisite: Instructor Approval Credit Type: Art – Fine Arts/CTE Fee: \$45.00* Grade: 9, 10, 11, 12 One Semester	<p>Jewelry - Advanced is designed to provide the student with a more in-depth approach to jewelry design work. Students will explore a wide range of media while strengthening their skills, focusing on a high level of expressiveness. Students will analyze their own work as well as study the merits and meanings of contemporary and historical works of art.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>
Photography Course Code: 05167G05014 / 05167G05024 Prerequisite: None Credit Type: Art – Fine Arts/CTE Fee: \$55.00* Grade: 9, 10, 11, 12 One Semester	<p>In Photography, students will receive a fundamental course covering selection, care, maintenance, handling of cameras, film types, light metering, and compositional techniques. Emphasis will be on 35mm SLR camera techniques. Basic darkroom procedures such as film processing, contact printing, and enlarging will be covered. On-location shooting assignments will be made.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>

Photography Inter Course Code: 05167G05034 / 05167G05044 Prerequisite: Photography Credit Type: Art – Fine Arts/CTE Fee: \$65.00* Grade: 9, 10, 11, 12 One Semester	<p>Photography Intermediate emphasizes photography as an art form. Students will be encouraged to use photography as a creative and expressive tool through experimental darkroom techniques, multiple image exposure, hand coloring and other expressive processes which are used to produce strong visual images. Additionally, students will learn how to use the zone system for managing film and print exposure.</p>
Practicum in Commercial Photo Course Code: 11052E05012 / 11052E05022 Prerequisite: Photography Inter Credit Type: Art – Fine Arts/CTE Fee: \$65.00* Grade: 10, 11, 12 Full Year	<p>Practicum in Commercial Photography is recommended for students who have completed Commercial Photography II. This course is meant to serve students interested in further development of a professional portfolio in addition to further development of skills and technical knowledge. Students will be expected to further develop knowledge and awareness of the industry of commercial photography. Instruction may be delivered through lab-based classroom experiences and/or career preparation opportunities.</p>
Commercial Photography I (Digital Photography Intro) Course Code: 11052G05014 / 11052G05024 Prerequisite: None Credit Type: Art – Fine Arts/CTE Fee: \$20.00* Grade: 9, 10, 11, 12 One Semester	<p>This Commercial Photography I course focuses on studio-based photography. Students will learn basic DSLR camera operations, framing and the art of styling and lighting for professional photo shoots. Projects will include various print advertisements and studio work. Students will learn about careers in related to commercial photography and the postsecondary programs and requirements within Colorado. Some examples of jobs in this area are photographer, graphic designer and stylist. Students will complete a number of projects and design pieces to be added to personal portfolios.</p> <p><i>*Unless student has access to a DSLR, cellphone cameras will be used. Students may be required to pay for extra or higher quality materials.</i></p>
Commercial Photography II (Advanced Digital Photography) Course Code: 11052G05034 Prerequisite: Photography and/or Commercial Photography I or Instructor Approval Credit Type: Art – Fine Arts/CTE Fee: \$40.00* Grade: 9, 10, 11, 12 One Semester	<p><i>Once students have learned the basics of film and darkroom photography, this class explores alternative ways to photograph and alter images in an artistic fashion.</i></p> <p>Commercial Photography II emphasizes the needs of commercial photographers with regard to technical expertise, creativity, and professional equipment. Technical aspects include film to digital transfer, lighting, digital image manipulation, alternative processes, large format camera work and stock photography. Creative exploration of subject matter, lighting, color theory and other psychological characteristics in the development of images are studied. A variety of photographic equipment is utilized for the studio and on location. Basic darkroom procedures such as film processing, contact printing, and enlarging will be covered. Students are expected to create a portfolio of work for both print and electronic formats.</p> <p><i>Students may be required to pay for extra or higher quality materials.</i></p>

<p>Fine and Performing Art-Aide (Art) Course Code: 05995G02522 / 05995G05022</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: Art - Elective (.25 credit)</p> <p>Fee: None</p> <p>Grade: 10, 11, 12 One Semester</p>	<p>The Fine and Performing Arts—Aide course offers students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.</p>
<p>BUSINESS/MARKETING</p>	
<p>Intro to Business Course Code: 12051G05011</p> <p>Prerequisite: None</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$10.00</p> <p>Grade: 9, 10, 11, 12 Fall Semester</p>	<p>Intro to Business introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.</p> <p><i>Intro to Business introduces students to the world of business by exploring entrepreneurship, design thinking, economic systems, business organizations, career/interest development, and business ownership. We also play games to help simulate the business environment.</i></p> <p><i>In addition, you explore opportunities for initial gig work so you can begin to save up for starting your own business. We will also develop your very first business plan— Shark Tank Style</i></p>
<p>Personal Finance Course Code: 19262G05011</p> <p>Prerequisite: None</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$10.00</p> <p>Grade: 11, 12 Spring Semester</p>	<p>Personal Finance surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes.</p> <p><i>Personal Finance surveys the basic personal finance needs of each student and develops a personal finance plan that is customized to you and what you really value and your short and long-term goals. We help you figure your finances out before you leave high school through creating a financial planning portfolio and through simulated game play.</i></p> <p><i>This course introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes.</i></p>
<p>Principles of Marketing Course Code: 12164G05011</p> <p>Prerequisite: Intro to Business</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$10.00</p> <p>Grade: 9, 10, 11, 12 Spring Semester</p>	<p>Principles of Marketing presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.</p> <p><i>Principles of Marketing introduces students to the basics of marketing and advertising. We will study marketing strategies and campaigns in order to learn all about product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.</i></p> <p><i>We also learn the basics of commercial design to create our own marketing collateral (shirts, stickers, hats, fliers, posters) for our own creative campaigns.</i></p>

<p>Event Marketing/Communications (Independent Study) Course Code: 12163G05011</p> <p>Prerequisite: Intro to Business, Intro to Marketing and Permission of Instructor</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$15.00</p> <p>Grade: 10, 11, 12 Year-long or One Semester</p>	<p>Event Marketing/Communications defines the importance and role of marketing, media and public relations in the event planning industry. Identify marketing and communication tools such as social media, promotional events, networking and blogs. Design a marketing plan to include target market research, communication tools, objectives, strategies, and implementation.</p> <p><i>You will be up and moving while you manage the marketing for several WRHS Departments' marketing campaigns. You will design a marketing plan for real clients to include target market research, communication tools, objectives, strategies, and implementation.</i></p> <p><i>We will examine and implement marketing/communication tools such as social media, promotional events, networking and blogs— in real-time! In addition to work-based learning, this course will teach you how to conduct a client discovery, manage different clients, establish key performance indicators, and analyze your campaigns' success— all while offering you the creative outlet to apply your marketing and commercial design skills for event marketing, digital marketing, and communications.</i></p>
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COMPUTER SCIENCE	
<p>Computer Science Foundations Course Code: 10012G05012 / 10012G05022</p> <p>Prerequisite: None</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$10.00</p> <p>Grade: 9, 10, 11, 12 Full Year or One Semester</p>	<p>Computer Science Foundations (CSF) A is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>This is a fun-filled introduction to all things computer science. In this year-long course, you will have the opportunity to code your own games, build your own website, learn to use Photoshop, learn how the internet works, learn about cloud computing and cybersecurity, create circuits, and get started with robotics. This engaging and well-rounded course is one of several possible prerequisites for "Mobile App Development", which is the AR / VR Unity Mixed Reality course offered at Wheat Ridge starting in fall of 2023.</i></p>

<p>Mobile App Development (AR/VR Unity Mixed Reality) Course Code: 10206G05012 / 10206G 05022</p> <p>Prerequisite: 'A' or 'B' in Coding 1, CS Foundations, CS Principles, Computer Systems, Web Design Foundations, or Engineering 1, or Instructor Approval.</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$10.00</p> <p>Grade: 10, 11, 12 Full Year</p>	<p>Mobile App Development is a course intended to teach students the basic concepts and skills of mobile app design. The course places an emphasis on the history of mobile technologies, design and development methodologies, code for mobile applications, application lifecycles, APIs, mobile device controls, user interfaces, deployment, publishing for mobile devices, developer tools, and career development. Upon completion of this course, proficient students will demonstrate an understanding of mobile app development concepts.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>This is a brand-new course that will combine elements of coding, 3D-modeling, game design, engineering, and graphic design. Using a team-based product development approach, students will produce interactive AR / VR experiences that entertain, educate, and benefit the community. Students will use Unity, Blender, and several models of headset (Quest 2, HoloLens, Apple VR, etc.) as they create virtual worlds and then step inside them.</i></p>
<p>Computer Systems Course Code: 10254G05012 / 10254G05022</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$10.00</p> <p>Grade: 10, 11, 12 Full Year</p>	<p>Computer Systems is an intermediate course designed to prepare students with work-related skills and aligned certification in the information technology industry. Content provides students the opportunity to acquire knowledge in both theory and practical applications pertaining to hardware, operating systems, safe mode, command prompt, security, networking, printers, peripheral devices, laptops, mobile devices, troubleshooting, and customer service management. Upon completion of the course, proficient students will have acquired skills and knowledge to install, configure, and maintain computer systems. Students who are proficient in this course will be eligible to pursue the IT industry-standard credential, CompTIA's A+ certification.</p>
<p>AP Computer Science Principles Course Code: 10019G05012 / 10019G05022</p> <p>Prerequisite: None</p> <p>Credit Type: Mathematics: Geometry or Higher</p> <p>Fee: \$10.00</p> <p>Grade: 9, 10, 11, 12 Full Year</p>	<p>AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.</p> <p>**This course may be applied towards a STEM Endorsed Diploma</p> <p><i>This is a beginner-friendly AP course that offers a well-rounded Computer Science curriculum without being overwhelmingly difficult. This course is one of several possible prerequisites for "Mobile App Development", which is the AR / VR Unity Mixed Reality course offered at Wheat Ridge starting in fall of 2023.</i></p>
<p>Web Design Foundations Course Code: 10019G05012 / 10019G05022</p> <p>Prerequisite: None</p> <p>Credit Type: Fine Arts/CTE</p> <p>Fee: \$10.00</p> <p>Grade: 9, 10, 11, 12 Full Year</p>	<p>Web Design Foundations is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development. Laboratory facilities and experiences simulate those found in the web design and development industry; where interaction with a "client" is indicated in the standards, it is expected that students' peers or the instructor may serve as mock clients in lieu of an actual relationship with an industry partner. Upon completion of this course, proficient students will be prepared for more advanced coursework in the Web Design program of study.</p>

MEDIA ELECTIVES	
Publication Prod: Newspaper Course Code: 11104G05014 / 11104G05024 Prerequisite: Instructor Approval Credit Type: Language Arts - Elective Fee: None Grade: 10, 11, 12 Full Year	Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.
Publication Prod: Yearbook Course Code: 11104G05034 / 11104G05044 Prerequisite: Instructor Approval Credit Type: Language Arts - Elective Fee: None Grade: 9, 10, 11, 12 Full Year	Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

MUSIC – INSTRUMENTAL & VOCAL	
	*=additional fee possible
Jazz/Contemporary Band Course Code: 05105G05014 / 05105G05024 Prerequisite: Instructor Approval & Audition Credit Type: Music - Fine Arts/CTE Fee: None Grade: 9, 10, 11, 12 Full Year	Jazz/Contemporary Band helps students develop their techniques for playing brass, woodwind, percussion, and string instruments, as well as guitars and keyboards, focusing primarily on contemporary stage band literature styles, such as traditional jazz, Latin, and rock. Jazz improvisation is introduced and developed. <i>This class is informally referred to as Jazz Ensemble. Jazz ensemble is only open to students who audition for the director. Students will need to purchase their own Jazz ensemble shirt for performances if they do not already own one. Students who play brass, woodwind and percussion instruments need to be concurrently enrolled in a concert band class. Students will need to provide their own instrument or some rentals are available through the music department for \$125.00 per school year.</i>
Orchestra - Strings Course Code: 05104G05034 / 05104G05044 Prerequisite: None Credit Type: Music - Fine Arts/CTE Fee: \$35.00 Grade: 9, 10, 11, 12 Full Year	Orchestra Strings is designed to develop students' abilities to play string instruments, covering a variety of string and orchestral literature styles. This is a strings only class. <i>This is an entry level class that most students who are new to Wheat Ridge High School will enroll in. The registration fee covers the cost of renting concert attire from the school. Students who decide not to participate in the school concert attire rental program will need to purchase an exact copy of the concert attire used by the school on their own. Students will need to provide their own instrument or some rentals are available through the music department for \$125 per school year.</i>

Orchestra Adv Course Code: 05104E05014 / 05104E05024 Prerequisite: Audition Only Credit Type: Music - Fine Arts/CTE Fee: \$35.00 Grade: 9, 10, 11, 12 Full Year	Orchestra Advanced courses are designed to develop students' abilities to play string instruments, emphasizing advanced string techniques and covering a variety of string and orchestral literature styles. This is a strings only class. <i>This class is by audition only. The registration fee covers the cost of renting concert attire from the school. Students who decide not to participate in the school concert attire rental program will need to purchase an exact copy of the concert attire used by the school on their own. Students will need to provide their own instrument or some rentals are available through the music department for \$125 per school year.</i>
Concert Band/Symphonic Course Code: 05102G05036 / 05102G05046 Prerequisite: None Credit Type: Music - Fine Arts/CTE Fee: \$35.00 Grade: 9, 10, 11, 12 Full Year	Symphonic Band is designed to promote more intermediate techniques for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances. <i>This is an entry level class that most students who are new to Wheat Ridge High School will enroll in. The registration fee covers the cost of renting concert attire from the school. Students who decide not to participate in the school concert attire rental program will need to purchase an exact copy of the concert attire used by the school on their own. Students will need to provide their own instrument or some rentals are available through the music department for \$125 per school year.</i>
Concert Band/Winds Course Code: 05102G05056 / 05102G05066 Prerequisite: Audition Only Credit Type: Music - Fine Arts/CTE Fee: \$35.00 Grade: 9, 10, 11, 12 Full Year	Wind Ensemble is designed to promote more advanced techniques for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances. <i>This class is by audition only. The registration fee covers the cost of renting concert attire from the school. Students who decide not to participate in the school concert attire rental program will need to purchase an exact copy of the concert attire used by the school on their own. Students will need to provide their own instrument or some rentals are available through the music department for \$125 per school year.</i>
Marching Band Course Code: 05103G05011 Prerequisite: None Credit Type: Music - Fine Arts/CTE Fee: Participate in fair share program. Grade: 9, 10, 11, 12 One Semester	Marching Band is intended to develop students' technique for playing brass, woodwind, and percussion instruments and cover appropriate marching band literature styles, primarily for marching performances. <i>This class meets after school during the first semester. Students will need to provide their own instrument or some rentals are available through the music department. Student must ALSO be enrolled in a band or orchestra class. A band uniform will be provided except for shoes that will need to be purchased through the music department. Students will be expected to participate in fundraisers and/or make financial contribution to help defray costs as part of the fair share program.</i>
Marching Band/Color Guard Course Code: 05103G05012 / 05103G05022 Prerequisite: None Credit Type: Music - Fine Arts/CTE Fee: Participate in fair share program. Grade: 9, 10, 11, 12 Full Year	Color Guard requires the development of dance, movement, and the use of flags and other equipment (rifle, saber, etc.) in conjunction with the marching band. Developing the techniques of choreographed movement to the music is a prime focus. <i>This class meets after school during the school year. Students will be expected to participate in fundraisers and/or make financial contribution to help defray costs. This class will perform along with the marching band during the first semester of the school year. The color guard will also be referred to as "winter guard" when it competes by itself during the spring semester.</i>

Chorus – Tenor/Bass Course Code: 05110G05016 / 05110G05026 Prerequisite: None Credit Type: Music - Fine Arts/CTE Fee: \$35.00* Grade: 9, 10, 11, 12 One Semester	<p>Chorus-Tenor/Bass provides the opportunity to sing a variety of choral literature for tenor/bass voices and is designed to develop vocal techniques and the ability to sing parts.</p> <p><i>Rental of concert attire from the school may be required. Uniforms are not available for purchase. Students assume financial responsibility of uniform rental.</i></p>
Chorus – Treble Course Code: 05110G05036 / 05110G05046 Prerequisite: None Credit Type: Music - Fine Arts/CTE Fee: \$35.00* Grade: 9, 10, 11, 12 One Semester	<p>Chorus-Treble provides the opportunity to sing a variety of choral literature for treble voices and is designed to develop vocal techniques and the ability to sing parts.</p> <p><i>Rental of concert attire from the school may be required. Uniforms are not available for purchase. Students assume financial responsibility of uniform rental.</i></p>
Chorus – Treble Adv Course Code: 05110E05034 / 05110E05044 Prerequisite: Successful audition with the Director Credit Type: Music - Fine Arts/CTE Fee: \$35.00* Grade: 10, 11, 12 Full Year	<p>Chorus-Treble Advanced provides the opportunity to sing an advanced variety of choral literature for treble voices and is designed to develop more advanced vocal techniques.</p> <p><i>Rental of concert attire from the school may be required. Uniforms are not available for purchase. Students assume financial responsibility of uniform rental.</i></p>
Vocal Ensem-Concert Course Code: 05111G05056 / 05111G05066 Prerequisite: Successful audition with the Director Credit Type: Music - Fine Arts/CTE Fee: \$35.00* Grade: 10, 11, 12 Full Year	<p>Vocal Ensembles-Concert is intended to develop vocal techniques and the ability to sing parts in a concert choir. Course goals may include the development of solo singing ability and will emphasize various ensemble literature styles.</p> <p><i>Vocal Ensembles-Concert (Chamber Chorale) represents Wheat Ridge at area festivals. Participation in the spring musical may be required, in which case additional fees may apply. Rental of concert attire from the school may be required. Uniforms are not available for purchase. Students assume financial responsibility of uniform rental.</i></p>

Vocal Ensem-Select Course Code: 05111E05012 / 05111E05022 Prerequisite: Successful audition with the Director Credit Type: Music - Fine Arts/CTE Fee: \$50.00* Grade: 10, 11, 12 Full Year	<p>Vocal Ensembles-Select is intended to develop advanced vocal techniques and the ability to sing parts in ensemble or madrigal groups. Course goals may include the development of solo singing ability and may emphasize various ensemble literature styles.</p> <p><i>Students must be members of Vocal Ensemble-Concert or another ensemble upon approval of the Director. Students are responsible for purchasing their own uniform.</i></p>
Fine and Performing Art-Aide (Music) Course Code: 05995G02512 / 05995G05012 Prerequisite: Instructor Approval Credit Type: Music – Elective (.25 credit) Fee: None Grade: 10, 11, 12 One Semester	<p>The Fine and Performing Arts—Aide course offers students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.</p>

OTHER ELECTIVES *=additional fee possible	
ACE Career Dev Career Planning Course Code: 22151G05011 Prerequisite: Instructor Approval Credit Type: ACE – Elective: Other Fee: None Grade: 11, 12 One Semester	<p>As developmentally appropriate, ACE Career Planning is designed for students to create an individual, initial career plan that outlines steps to reach their career goal. Students will identify a career goal based upon results of various assessments, i.e. interest survey, aptitude evaluation, academic skills, learning styles, work preferences, etc. Students will also investigate the training and educational requirements (academic planning & post-secondary options) for their chosen career field. Students should be able to articulate short-term action necessary to achieve the goal(s) in their career plan; including intentional academic planning, high school choices based on self-awareness, career exploration and post-secondary aspirations. Whenever possible, computer literacy skills, and leadership skills tied to a CTSO should be embedded into the curriculum.</p>
ACE Career Dev II Job Seeking Course Code: 22152G05021 Prerequisite: Instructor Approval Credit Type: ACE – Elective: Other Fee: None Grade: 11, 12 One Semester	<p>As developmentally appropriate, ACE Job Seeking is designed to teach skills needed for entry into the workforce. Students will demonstrate successful job search strategies. Students will demonstrate employability skill ability to accurately complete job applications, write a resume ask for letters of recommendation. Students will examine model interviews and then participate in their own interview simulations. Students will be able to advocate for accommodations or adaptations necessary to be successful on the job. Students will be knowledgeable of the environmental expectations of the workplace. Additionally, students will be introduced to personal financial literacy skills including: financial planning, budgeting, saving, credit, paycheck calculation, and taxes. Students practice appropriate communication, teamwork, problem-solving while working in a group environment. Whenever possible, computer literacy skills, and leadership skills tied to a CTSO should be embedded into the curriculum.</p>

<p>ACE Career Dev III Job Keeping Course Code: 22152G05011</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: ACE – Elective: Other</p> <p>Fee: None</p> <p>Grade: 11, 12 One Semester</p>	<p>As developmentally appropriate, ACE Job Keeping is designed for students to learn about various employability skills necessary to meet and exceed employer expectations on the job by developing workplace skills such as interpersonal communication, teamwork, leadership, critical thinking and ethical decision making in the workplace. Students will evaluate employee benefit plans (medical, dental, vision, worker's compensation, unemployment, retirement plan, employee discounts, educational incentives, etc.). Additionally, students will recognize opportunities for advancement on the job. Students will become familiar with workplace laws and policies including: Child Labor Laws, Fair Labor Act, Equal Employment Opportunity, Workplace Safety (OSHA), Americans with Disability Act (disability disclosure as appropriate), Sexual Harassment (definition, scenarios, appropriate behavior, policies and procedures). Whenever possible, computer literacy skills, and leadership skills tied to a CTSO should be embedded into the curriculum.</p>
<p>ACE In-School WBL I Course Code: 22998G05051</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: ACE – Elective: Other</p> <p>Fee: None</p> <p>Grade: 11, 12 One Semester</p>	<p>As developmentally appropriate, ACE In-school Work Place Experience is designed for students to develop basic employment skills by participating in an in-school work/school based enterprise experience. A training plan and evaluation (to be filled out by the supervisor/employer) will be developed listing job specific technical skills the student will learn during the experience. Hours worked will be documented. Students will demonstrate levels of self-awareness, career exploration, postsecondary option knowledge and employability skills. ACE teachers serves as a coach and mentor checking in with supervisor/employer regularly. As a prerequisite, students should have already taken or be simultaneously enrolled in the ACE Career Development.</p>
<p>ACE Community WBL II Course Code: 22998G05061</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: ACE – Elective: Other</p> <p>Fee: None</p> <p>Grade: 11, 12 One Semester</p>	<p>As developmentally appropriate, ACE Community Work Place Experience is designed for students to enhance employment skills by participating in a community-based work experience (paid or unpaid). A training plan and evaluation (to be filled out by the supervisor/employer) will be developed listing job specific technical skills the student will learn during the experience. Hours worked will be documented. Students will demonstrate levels of self-awareness, career exploration, academic planning based off of post-secondary aspirations and realistic options, employability skills, and environmental expectations. ACE teachers serves as a coach and mentor checking in with supervisor/employer regularly. As a prerequisite, students should have already taken or be simultaneously enrolled in the ACE Career Development.</p>
<p>ACE International WBL III Course Code: 22998G05071</p> <p>Prerequisite: Instructor Approval</p> <p>Credit Type: ACE – Elective: Other</p> <p>Fee: None</p> <p>Grade: 11, 12 One Semester</p>	<p>As developmentally appropriate, ACE Intentional Work Place Experience is designed for students to refine career specific skills and knowledge by participating in an intentional work experience within the field listed in their career plan. These experiences may include: internships, apprenticeships, competitive employment, etc. A training plan and evaluation (to be filled out by the supervisor/employer) will be developed listing job specific technical skills the student will learn during the experience. Hours worked will be documented. Students will demonstrate levels of self-awareness, career exploration, intentional academic planning based upon post-secondary aspirations, realistic options and the environmental expectations of the workplace, as well as personal financial literacy. ACE teachers serves as a coach and mentor checking in with supervisor/employer regularly. As a prerequisite, students should have already taken or be simultaneously enrolled in the ACE Career Development.</p>

Student Government Course Code: 22101G05012 / 22101G05022 Prerequisite: Instructor Approval Credit Type: Miscellaneous Elective Fee: * Grade: 9, 10, 11, 12 Full Year	<p>Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.</p> <p><i>Students who are interested will complete an application and an interview with the Leadership sponsor. The group plans many school activities and dances. Activities and events may include a fee.</i></p>
Library/AVC Aide Course Code: 22053G00011 Prerequisite: Instructor Approval Credit Type: Administrative - Elective Fee: None Grade: 10, 11, 12 One Semester	<p>Library/AVC Aide courses provide students with the opportunity to work in the library or in media and audiovisual centers. Duties may include collecting, distributing, and categorizing materials; operating audiovisual equipment; assisting students and teachers; and performing clerical duties. Students typically gain experience in library science and/or media and audiovisual technology.</p>
Office Aide (Attendance, Counseling or Main Office) Course Code: 22051G00011 Prerequisite: Office Staff Approval Credit Type: Administrative - Elective Fee: None Grade: 10, 11, 12 One Semester	<p>Office Aide courses provide students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, answering the telephone, and duplicating, among others. These courses emphasize appropriate work attitudes, human relations, and proper office procedures.</p>

GIFTED & TALENTED PROGRAM

Gifted and Talented Center Schools in Jeffco provide acceleration opportunities and affective support for high-ability students. The mission of GT is to support the unique social and emotional needs of gifted, talented, and creative learners by implementing, the Autonomous Learner Model. We will encourage exploration in areas of interest to honor students' multi-potentiality; develop enhanced and critical and creative thinking skills; support intellectual development; to provide authentic learning experiences; and foster a flexible accepting climate for this type of learner. Students are not required to be identified as Gifted prior to applying for the program.

GT Level 1 Course Code: 22106G05018 / 22106G05028 Credit Type: Miscellaneous - Elective Fee: None Grade: 9 Full Year	What do I want to do? <p>The first part of this year is centered around smoothing the transition into high school. Students select a guiding statement for their four-year journey when building their ALP. As they begin a study under the direction of their teacher, students explore different topics focusing on learning to be successful high school students and building good habits. Goal focused learning and executive function skills such as time, material, and grade management are given intentional instruction and support throughout the year. In addition to their project-based learning, students are encouraged to participate in the GT fall Retreat and required to contribute to "GT Night" which is a showcase of community learning.</p>
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GT Level 2 Course Code: 22106G05038 / 22106G05048 Recommended: Completion of Level 1 Credit Type: Miscellaneous - Elective Fee: None Grade: 10 <i>Full Year</i>	Who do I hope to become? Now emphasizing leadership skills, students continue their studies, continuing to grow their development as a high school student. In addition to pursuing strength-based learning, they also examine the unique qualities of gifted individuals and serve as GT mentors. Tenth grade students have the opportunity to serve on a steering committee to organize and lead the GT fall Retreat as well as the GT Night showcase and take on other leadership roles in the program and community.
GT Level 3 Course Code: 22106G05058 / 22106G05068 Recommended: Completion of Level 1 and Level 2 Credit Type: Miscellaneous - Elective Fee: None Grade: 11 <i>Full Year</i>	Where am I going? Junior year finds students progressing into 'Adulthood.' Under the guidance of their teacher, students begin earnest research for post-secondary options. Students will investigate what it is they desire in post-secondary study and/or career and what places will provide the best avenues to get them there. Based on student choice, this may include research, or shadowing opportunities, as well as myriad of other avenues. Juniors also continue to participate in the Retreat and take on roles and projects for GT Night as well.
GT Level 4 Course Code: 22106G05078 / 22106G05088 Recommended: Completion of all other GT levels. Credit Type: Miscellaneous - Elective Fee: None Grade: 12 <i>Full Year</i>	What's Next? College and scholarship applications, along with continued goal-focused learning, rule the day here. Beyond that, common-sense instruction about things as concrete as managing finances and apartment life to more abstract concepts such as building and maintaining healthy relationships and life design planning are included in this study, as well. Of course, students continue to participate in the GT Retreat and take on leadership roles at GT Night.
GT Satellite Course Code: 22106G05011 Recommended: Completion of Level 1 Credit Type: Miscellaneous - Elective Fee: None Grade: 9, 10, 11, 12 <i>Full Year</i>	Students in this course will be placed in a virtual classroom where they will track their Advanced Learning Plans throughout the year. The work within the ALP goal does not need to be a separate project, but rather any project/accomplishment within their greater school/workday. In addition, students must attend a pre-approved event that supports their understanding of giftedness OR supports their field of interest. (For example; Technology Student Association conference, Legislative Day, DECA conference, Mock Trial, TechExpo, etc.) As an added benefit, students will be able to schedule a check in with GT staff as needed throughout each semester.



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- Dental Assisting
- Emergency Medical Services
- Engineering: Design & Build
- Fire Science/First Responder
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- Welding

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- Producción de video

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