

Rye High School

2026-2027



ACADEMIC & SCHOOL POLICIES

COURSE DESCRIPTIONS

Rye High School Staff	2
District 70 Vision Statement	3
Rye High School Vision & Mission Statement	3
Accreditation	3
Graduation Requirements	4
CDE Career & College Readiness Requirements	4
Graduation Exercises	4
School Counselor Office	5
Academic Dishonesty	5
Valedictorian/Salutatorian	6
Laude Honor System	6
Gold Cord Graduate	7
Silver Cord Graduate	7
Honor Roll	7
Grading System	7
Weighted Classes	8
Quality Point Classes	8
Transfers	9
Leaving School Before End Of Grading Period	9
Incomplete Grades	9
Class Failure	9
Summer School Guidelines	9
Schedule Changes	9
Withdrawals	9
Concurrent Enrollment	10
Partial Absence Policy	10
Aide Positions	10
Transcripts	10
Change of Information	10
Costs Associated With Courses	10
Course Descriptions	11-34

RYE HIGH SCHOOL STAFF

Administrative Staff:

Mr. Matt DeJong	Principal
Mr. Ethan Ward	Asst. Principal/Athletic and Activities Director
Mrs. Kacie Anglin	Counselor
Mrs. Aneysa Guilliams	Secretary - Administrative Office
Mrs. Chelsea Wiant	Secretary - Student Services

Instructional Staff:

Mr. Ethan Beeman	Vocational Agriculture
Mr. T.J. Blackhurst	Science
Mrs. Amie Bulman	Fine Arts
Mrs. Wendy Chandler	Math
Mrs. Stasi Dale	Special Education/Language Arts
Mrs. Kathy Dodge	Science/PE/Health
Mr. Stacey Graham	PE/Weights
Mr. Ian Martinez-McGraw	Special Education/Math
Mrs. Julie Patterson	Language Arts/Social Studies
Mr. Conner Pigg	Social Studies
Mr. Luis Pineda	Foreign Language
Mrs. Shayla Simpson	Language Arts
Mrs. Anna Snarich	Math
Mr. Tony Vinci	WBL: Technology
Mrs. Erin White	Music

School Support Team:

Mr. Bryce Biefel	ESS Paraprofessional
Mr. Geoffrey Clausen	Food Service Manager
Mr. Adorian Coseriu	Night Custodian
Mrs. Karen Davis	Speech-Language Pathologist
Mrs. Nicole Gibbs	Food Service
Ms. Lottie Indgjer	Food Service
Mrs. Michelle Indgjer	Health Technician
Mr. Brandon Pool	Day Custodian
Ms. Jessica Ragan	ESS Paraprofessional
Mr. Jake Stewart	Groundsman & Maintenance
Mrs. Tina Valdez	School Nurse
Mrs. Cheyenne Vinci	Health Technician
Mr. Tony Vinci	Information Technology Technician
Ms. Vicky Zapien	ESS Paraprofessional
Mr. Paul Vialpando	School Psychologist

Athletics:

Mr. Timothy Spears	Athletic Trainer for All Sports
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Head Coaches:

Mrs. Loree Meyer	Bowling
Mr. Ian Martinez-McGraw	Boys' Golf
Mr. T.J. Blackhurst	Cross Country
Mr. Conner Pigg	Football
Mrs. Holly Tittel	Girls' Volleyball
Mr. Clay Klipfel	Boys' Basketball
Mr. Bruce Walton	Girls' Basketball
Mr. Billy Forell	Wrestling
Mr. Stacey Graham	Baseball
Mrs. Catherine Gallegos	Boys' & Girls' Track
Mrs. Erin Ruiz	Girls' Golf
TBD	Girls' Soccer

District 70 Vision Statement

The vision of Pueblo School District 70 sees our schools as a place where all children and adults are valued, similarities and differences are addressed, individuals are respected, and all children are treated as our most valuable resource and best hope for the future. We see a safe and trusting environment where children and adults are actively engaged in lifelong learning. We see a partnership with our schools and communities that flexibly responds to the educational needs of all learners in an ever-changing world.

Rye High School Vision Statement

Members of the Rye High School community are responsible, balanced, capable, and productive leaders of a global society who engage in life-long learning, compassion, perseverance, and teamwork.

Rye High School Mission Statement

WE BELIEVE... in positive attitudes and challenges,
IN integrity through learning,
THE use of technology and innovation, and the
THUNDERBOLT traditions of school and community.

Accreditation

Rye High School is accredited by the Colorado Department of Education Accreditation process.

Graduation Requirements

Minimum graduation requirements for all students who attend high schools of School District 70 shall be as follows:

1. Twenty- five (25) credits shall be required to graduate from a School District 70 high school.
2. Four years of attendance shall be required unless early graduation or senior release is applied for and approved in keeping with Board and individual school policies.
3. All students will be required to take course work that meets Colorado State Standards in the following areas:
 - English Language – 4 credits (English 1, English 2, English 3, English 4), English must be taken all four years.
 - Mathematics – 3 credits (credits must include course work in Algebra and Geometry. *Four credits in math are recommended for college bound students.)
 - Science – 3 credits (credits must include a life science, physical science and elective science)
 - Social Studies – 3 credits (US History, World History, US Government/Economics)
 - Physical Education – 1.5 credits (one (1) credit must be earned in a physical education class; the other half credit may be earned from participation in athletics or marching band)
 - Health – 0.5 credits
 - Electives – 10 credits

All students are encouraged **but not required** to take at least two years of a foreign language, especially if they plan to go to college.

All Graduates: Career and College Readiness Graduation Requirement (*Beginning with the graduating class of 2021*)

The Colorado State Board of Education has adopted state graduation guidelines that identify Career and College readiness measures in English and Math. The Board has selected its own measures from these state graduation guidelines. Full implementation of these state graduation guidelines went into effect for students graduating in the 2021-22 school year and beyond.

For further information from the Colorado Department of Education, click this [link](#)

Graduation Exercises

Students will not participate in graduation exercises unless they have earned all credits and have satisfied all requirements for graduation as prescribed by the District 70 Board of Education and the State of Colorado Department of Education. Seniors who have outstanding fines will **not** be allowed to participate in graduation ceremonies. Graduating students **must** attend the scheduled graduation practice to participate in the graduation ceremony. This practice is mandatory. Proper graduation attire must be worn, dress pants, shirt and shoes for men and a dress and dress shoes for women.

School Counselor Office

The Rye High School Counseling Program supports the whole child by advocating for the academic, career, and social/emotional success of every student. Through collaboration with families, staff, and the community, we empower Thunderbolts to overcome barriers, discover their strengths, and become responsible, balanced, and productive lifelong learners.

The American School Counselor Association (ASCA) recognizes that counselors help all students in the areas of academic achievement; personal/social development and career development, to ensure today's students become the productive, well-adjusted adults of tomorrow.

Academic Dishonesty

All schoolwork submitted for the purpose of meeting course requirements must represent the efforts of the individual student. Any form of academic dishonesty is prohibited. Academic dishonesty includes, but is not limited to: plagiarism (the use of another person's original ideas or writing without giving credit to the true author), forgery, allowing another person to copy one's own work, doing another person's class work, creating more than one copy of one's work for distribution, unauthorized copying of software, unauthorized use of hard copy or software to develop one's own software. Faculty and building administrators will have the responsibility for monitoring the above actions.

It is the responsibility of all faculty to monitor students' work to avoid any academic dishonesty and to administer consequences for such dishonesty. Students who display academic dishonesty in a class, the teacher is to meet privately with the student to address the dishonesty, give the student a zero for the assignment/test and contact the parent to notify him/her of the dishonesty and zero. For a second offense of academic dishonesty, the student should be given a zero on that assignment/test and be sent to Administration with an Office Referral. Where appropriate, parents shall be contacted as soon as practical to report any alleged academic dishonesty on the part of students.

All teachers will educate students as to what constitutes academic dishonesty and what is acceptable and unacceptable behavior in our schools. The Academic Dishonesty Policy shall be referenced in such education.

Valedictorian / Salutatorian (Class of 2027)

(The Class of 2028 and beyond will be recognized on the Laude model, not Valedictorian/Salutatorian)

To be considered for the Valedictorian and Salutatorian, a student must have the twenty-five credits required for graduation, a minimum of 10 quality points, and have satisfied all requirements for graduation as prescribed by the District 70 Board of Education and the State of Colorado Department of Education. State Testing: Eligible students must have the following scores on the majority of tests administered during the four years of high school:

CMAS Science – Exceeded, Met; PSAT 9 – RW 410, M 450; PSAT 10 – RW 430+, M 480+; SAT – 1020+. Each “exceeded” rating on a CMAS test will earn an additional 1-quality point.

CMAS Science	PSAT 9	PSAT 10	SAT
Exceeded	RW 410	RW 430+	1020+
Met	M 450	M 480+	900+

The person with the highest GPA and the most quality points will be the Valedictorian and the person with the 2nd highest GPA and quality points will be the Salutatorian. If there is a tie in the GPA, quality points will be used to separate/determine the valedictorian and salutatorian. There will be only one valedictorian and only one salutatorian unless GPA and quality points are equal in the valedictorian category and/or salutatorian category. Students enrolled in Early College are eligible for Valedictorian and/or Salutatorian honors. Any change out of Rye High School’s control will be adjusted appropriately, i.e. TCAP, CMAS, PARCC, PSAT9, PSAT10, ACT, SAT changes are state mandated.

Laude Honor System (Class of 2028 and beyond)

The Latin Laude Honors System, which grants students Summa Cum Laude, Magna Cum Laude, and Cum Laude titles based on their grade point average (GPA), allows students who are at or above a clearly defined cumulative GPA to be recognized for their academic achievement.

- Celebrates the achievements of many students, not just the one with the highest GPA. This inclusivity encourages and motivates students to pursue their interests, talents, and passions to achieve post-secondary goals as indicated through their ICAP rather than taking courses solely to increase class rank
- Alleviates the pressure of class rank which can negatively affect students’ social and emotional well-being, contributing to better mental health and well-being for students.
- It encourages a well-rounded education and allows students to take more challenging or diverse courses without the fear of adversely affecting their class rank.
- Less than 20% of colleges consider a class rank as a factor for admission
- Universities/Colleges focus on the rigor of courses taken, test scores, and student involvement in the school and community

Graduating senior transcripts will reflect the cumulative GPA and Laude Honor earned. Students can earn one of three Laude Honors by meeting the following requirements on a 4.0 scale:

- Summa Cum Laude (“with the highest honor”) – students earning a 4.0 or higher GPA
- Magna Cum Laude (“with great honor”) – students earning a 3.75–3.99 GPA
- Cum Laude (“with honor”) – students earning a 3.5–3.74 GPA

Graduation Student Speaker Selection – Class of 2028 and Beyond

Under the Laude Honor System, two graduating seniors will be selected to serve as student speakers at commencement. Students must meet the **Summa Cum Laude GPA requirement** and have earned the **highest number of Honor Points** among eligible graduating seniors.

This selection process recognizes high academic achievement while supporting students in pursuing coursework aligned with their individual interests, career pathways, and post-secondary goals. Honor Points recognize the rigor and achievement associated with a variety of advanced courses, allowing students to pursue challenging coursework within their chosen pathways rather than feeling pressured to select courses solely for the purpose of increasing a weighted GPA.

Honor Points have long been used to recognize academic achievement through the awarding of gold and silver graduation cords. Extending their use to graduation speaker selection provides another opportunity to recognize students for academic excellence while maintaining the goals of the Laude Honor System.

Gold Cord Graduate – *Must meet all requirements below (Class of 2027 Only)*

3.8 or higher Grade Point Average

SAT score – 1020+

State Testing – refer to table above. Eligible students must have the scores listed on the majority of tests administered during the four years of high school.

Quality Points of eight (8) or higher.

Silver Cord Graduate – *Must meet all requirements below (Class of 2027 Only)*

3.45 or higher Grade Point Average

SAT score – 900+

State Testing - refer to table above. Eligible students must have the scores listed on the majority of tests administered during the four years of high school.

Quality Points of eight (8) or higher.

Any student that did not take the SAT, CMAS, PSAT10, PSAT9 has to go through an appeals process to receive any of the above honors. (Appeal process does not include testing opt outs)

Honor Roll

The Honor Roll is published every semester. There are three types of honor roll:

Distinction = 4.0, Academic = 3.6 to 3.99, Honor = 3.25 to 3.59.

Grading System

The grading scale is: 100-90 = A, 89-80 = B, 79-70 = C, 69-60 = D, 59 and lower = F.

Class rank is computed on the basis of the cumulative grade point average and the number of students in the class.

Cumulative grade point average begins with the first semester of the ninth grade and is calculated using the following quality points: A = 4, B = 3, C = 2, D = 1, F = 0. (Note: Weighted classes are on a 5.0 scale.)

Weighted Classes

Advanced Placement (A.P.) classes are the **only** weighted classes (5-point scale) offered by the school. One quality point is received for each AP course completed and passed.

Quality Point Classes

The following classes receive quality points. One point is received for each of these courses completed and passed for valedictorian, salutatorian, gold cord, and silver cord status.

ENGLISH A.P. Language & Composition A.P. Literature English 1 Accel English 2 Accel English 3 Accel English 4 Accel	SCIENCE A.P. Biology A.P. Chemistry A.P. Environmental Science Advanced Placement Physics Anatomy and Physiology
MATH A.P. Statistics A.P. Calculus Algebra 2 Honors Geometry	SOCIAL STUDIES A.P. European History A.P. U.S. History Psychology World Geography
LANGUAGE ELECTIVES Spanish 2 Spanish 3	OTHER ELECTIVES Civil Engineering & Architecture Aero Engineering
AGRICULTURE ELECTIVES Advanced Welding Agricultural Fabrication Agricultural Leadership Food Processing & Safety A Intermediate Vet Science Landscape & Construction Maintenance Metal Fabrication Plumbing and Electrical Installation	SAT COMPOSITE SCORE 1240-1270: 1 quality point 1280-1300: 2 quality points 1310-1340: 3 quality points 1350-1380: 4 quality points 1390-1410: 5 quality points 1420-1440: 6 quality points 1450-1480: 7 quality points 1490-1510: 8 quality points 1520-1550: 9 quality points 1560-1590: 10 quality points 1600: 11 quality points
FINE ART ELECTIVES Animation II Ceramics II Commercial Photography II A Commercial Photography II B Crafts II Digital Media II Foundation of Design II Graphic Design II	CMAS Exceeded: 1 quality point OTHER Concurrent Enrollment Advanced Placement Courses

These classes are subject to change. Classes may be deleted, but additional classes may also be added for quality points. Students can only receive one quality point per class/course title. If courses are repeated under the same title, no additional quality points will be given.

Transfer of Credit from an Accredited School or Home School

Students transferring from an accredited school or home school must show an official transcript in order to receive credits, class ranking and a cumulative grade point average.

Transfer of Credit from a Non-Accredited School

Students transferring from non-accredited educational institutions may or may not meet the district standards established for satisfactory progress and graduation. When a student from a non-accredited school, including a home-based educational program, applies for admission, the process outlined for Rye High School will be followed. Student will be tested and show passed work from previous educational program. State Assessment and SAT results will be taken into consideration. After this process has been completed and the student has been registered and appropriately placed in a District 70 high school, he/she is required to meet graduation requirements from that point on. Once placed in a District 70 school, the student cannot receive home school credits for a partial year without an accredited home school program. Exceptions to this policy may be requested for medical or emergency reasons only.

Leaving School Before End of Grading Period

Students who leave school before the end of a grading period risk losing credit. Students will not be guaranteed an advanced final test, nor will there be any assurance of full credit. We strongly encourage every student to attend all classes for the full grading period.

Class Failure

If a student fails a required class, the student must earn this credit through another source at the student's expense. Credit may be earned at summer school, online or through a correspondence course.

Guidelines for Taking Summer School, Correspondence Classes, Online Classes

1. District 70 students may use summer school, correspondence courses, or on-line courses to make-up deficient credits only; these are classes that have been taken at RHS, completed and failed. Classes that are required and offered at RHS will not be replaced with summer school, correspondence or on-line courses. Students are expected to take all required courses at Rye High School. Algebra 1 credit is available through middle school with the appropriate form. Geometry credit is available for middle school students with the appropriate form who take the class at a District 70 high school.
2. Summer school, correspondence courses, or on-line courses will not be used to replace or remove a previous passing grade for the same class.
3. If a student repeats a class, credit will only be used once toward graduation requirements.
4. Applications for summer school, correspondence classes, and on-line courses must be approved and signed by the counselor.
5. Home school students deciding that they want their diploma from RHS have to take their core courses from RHS.

Schedule Changes

Student schedules may not be changed after the first week of the semester except for **EXTREME EMERGENCIES**. Situations requesting a schedule change after that period will include a conversation with the student, counselor, and admin. Students are expected to make schedule changes with the counselor during the first week of each semester. The counselor will have the add/drop slips available during that time. These forms need to be signed by the teacher, student, and parent, then brought to the counselor for review.

Withdrawals

A student leaving the community or withdrawing from school for any reason should visit the counselor immediately. When the parents or guardians clear the withdrawal request, the student will be issued a Withdrawal Form in the office. This form is to be taken to each teacher, the librarian, food service manager and the ER room for up-to-date grades, returning of books and computer. Payment of financial obligations and final clearance will be handled in the office. This procedure is necessary to ensure that your record at Rye High School will be left in good standing.

Concurrent Enrollment Courses (*college or university courses taken for high school credit*)

These courses adhere to the same drop policy. The one-week drop window for concurrent enrollment starts on the college course's start date, not on the beginning of the high school semester. Regardless of the college's add/drop policy, any course dropped after the school's one-week window will result in a WF on the student's high school transcript, earning 0 GPA points, and it does not award course credit. It is the student's responsibility to notify their high school counselor of any college or university course drops. Failure to do so may result in removal from the concurrent enrollment program for the remainder of the semester.

It is the responsibility of the student to notify their school that courses at Colleges/Universities have been dropped. Failure to notify the school could result in the student being removed from concurrent enrollment courses for the remainder of the semester.

Partial Absence Policy

The staff at Rye High School is committed to providing four years of quality education to its students. We encourage all students to maintain a full schedule to enhance their education. However, a partial absence (PA) is permitted for each semester for **seniors only**. The absence must be taken during the first or last class period. Parent permission is required. Students with a PA must leave campus during that time or be under the supervision of an RHS staff member.

Aide Positions

There are two types of aide positions at the high school. Credit is earned according to the amount of time scheduled. Students receive a satisfactory(S) or unsatisfactory(U) grade. Elementary Aide position is available to sophomores, juniors, or seniors. Teacher and Office Aide positions are available only to juniors and seniors. Teachers are allowed one (1) teacher aide per semester. Space is limited for all aide positions. Elementary aides are limited based on Rye Elementary needs. This number can vary each semester.

Transcripts

Requests for sending transcripts to colleges or prospective employers may be made to the school counselor.

Change of Information

Please report any change of information (i.e. new phone number, different home or mailing address, change of physician) to the office immediately. It is also vital for the school to have the current employer, address, and phone number for both parents and guardians in case of emergency.

Fees, Field Trips, Costs Associated with Courses Offered

Students and their parents/guardians need to be aware that there may be certain costs or fees associated with the different courses offered in District No. 70 schools. These fees are utilized to offset expenses connected with these classes and the activities or materials used to enhance the overall educational component of the specific classes. Any fees connected with the courses will be noted in the course guides from which students select their classes for upcoming semesters. Teachers in those classes will also make known to students the costs of these fees and what they are specifically designed to cover. Should any student experience legitimate difficulty or inability to pay these fees, a process of providing assistance is available. These students may either contact their teacher directly or the principal's office at their school for assistance.

While students are encouraged to participate in either the activities or to benefit from the materials purchased through the payment of these fees, they should also be aware that no academic penalty of any kind may be levied against those students who are unable to pay the fees on time or to pay the fees at all.

Field Trip Disclaimer

A field trip may be associated with a course. In accordance with District No. 70 policy regarding field trips and fees, the cost of this trip may be passed along to the individual students in the class who participate in the field trip. This cost includes the per mile expense of the vehicle used for transportation as well as the per hour cost of the driver. All students are encouraged to participate in the enhanced educational opportunity this trip represents. Should the student be either unwilling or unable to participate in the field trip or to pay for the cost of the trip, alternatives exist regarding assignments as well as payment of the fee. Please see the teacher of the class or the building principal for details.

COURSE DESCRIPTIONS

English Course Offerings

ENGLISH 1 (will satisfy graduation requirement in English)

Prerequisite: None

Grade Level: 9

Credit: 1 credit

Entering students who have demonstrated proficiency in eighth grade course work will study a variety of literary genres including drama, poetry, short stories, essays and novels. They will learn appropriate literary terminology and will write essays and paragraphs. Various types of verbal communications, library sources, and creative writing are also studied in this course. The study of standard rules of grammar and vocabulary will facilitate reading and writing commensurate with ninth grade level. Professionalism is expected of all English 1 students.

ENGLISH 1 ACCELERATED (will satisfy graduation requirement in English)

Prerequisite: Teacher recommendation

Grade Level: 9

Credit: 1 credit

This course is designed for entering students who have demonstrated mastery in eighth grade level skills. Outcomes for this course include mastery of literary critiques using appropriate literary terms, vocabulary mastery at the 9+ grade level, mastery of standards formal grammar usage, ability to lead a discussion in accordance with verbal presentation, mastery of exposition, persuasive, narrative, and descriptive essays as well as limited research topic papers.

ENGLISH 2 (will satisfy graduation requirement in English)

Prerequisite: English 1

Grade Level: 10

Credit: 1 credit

This course is designed for entering students who have demonstrated mastery or proficiency in English 1 outcomes. Students will study a variety of literary genres including drama, poetry, short stories, essays and novels. They will review and learn standard formal grammar as necessary in order to write expository, persuasive, narrative and descriptive essays. Vocabulary study will aid students in reading and writing at the tenth-grade level. Oral presentations and research projects will expand the students' language art skills.

ENGLISH 2 ACCELERATED (will satisfy graduation requirement in English)

Prerequisite: English 1 and Teacher approval

Grade Level: 10

Credit: 1 credit

This course is designed for entering students who have demonstrated mastery in English 1 skills. Students in this course will cover English 2 curriculum material at an accelerated pace. Enrichment reports, essays, creative writing, and classroom leadership as well as advanced vocabulary study will comprise this course. Outcomes for this course include mastery of literary critiques using appropriate literary terms, vocabulary mastery at the 10+ level, mastery of standards of formal grammar usage, ability to lead a discussion in accordance with verbal presentation, mastery of exposition, persuasive, narrative, and descriptive essays as well as limited research topic papers.

ENGLISH 3 (will satisfy graduation requirement in English) NOT NCAA APPROVED

Prerequisite: English 2

Grade Level: 11

Credit: 1 credit

This course is designed for entering students who have demonstrated mastery or proficiency in English 2 outcomes. Students will experience a survey of American Literature. This study includes a variety of literary genres including drama, poetry, short stories, essays & novels. Second semester will include the standard formal research paper with emphasis on demonstrating accuracy of standard formal research documentation methods, rhetoric, and style. They will review and learn standard formal grammar as necessary in order to write expository, persuasive, narrative and descriptive essays. Vocabulary study will aid students in reading & writing at the eleventh-grade level. Oral presentations and research projects will expand the students' language art skills.

ENGLISH 3 ACCELERATED (will satisfy graduation requirement in English)

Prerequisite: English 2 or English 2 Accelerated and Teacher Approval

Grade Level: 11

Credit: 1 credit

This course is designed to meet the needs of juniors with advanced language skills. Through modern and classic American literature, the student will investigate the novel, short story, poetry, play, film, lyric, etc. Twenty-first century literacy skills as well as formal and personal written composition will be emphasized. A research paper is required.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION (will satisfy graduation requirement for English)

Prerequisite: English 2 teacher approval

Grade Level: 11

Credit: 1 credit

Fees: \$97, if the student takes the AP Exam

Students in this course will cover assigned materials at an accelerated pace. Objectives for this course include both written and verbal use of: basic elements of rhetorical strategies, author's purpose, appeal to audience, organization, appropriate literary terms and vocabulary, college level prose and non-fiction materials, mastery of standard formal grammar usage, ability to lead a discussion in accordance with verbal presentation, mastery of exposition, persuasive, narrative, and descriptive essays as well as analysis and synthesis of research topic papers in advanced and specified formats. Emphasis is placed on preparation for the AP testing program for college entrance.

Summer reading/work is required and can be obtained online.

ENGLISH 4 (will satisfy graduation requirement in English) NOT NCAA APPROVED

Prerequisite: English 3

Grade Level: 12

Credit: 1 credit

This course is designed for entering students who have demonstrated mastery or proficiency in English 3 outcomes and wish to master English skills. Students will experience a survey of World Literature. This study includes a variety of literary genres including drama, poetry, short stories, essays and novels. They will review and learn standard formal grammar as necessary in order to write expository, persuasive, narrative and descriptive essays. Vocabulary study will aid students in reading and writing at the twelfth-grade level. Oral presentations and research projects will expand the students' language art skills.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION (will satisfy graduation requirement for English)

Prerequisite: English 3 teacher approval

Grade Level: 12

Credit: 1 credit

Fees: \$97, if the student takes the AP Exam

Students will read, analyze, and evaluate nonfiction selections from an introductory college-level text as well as several auxiliary sources in a program designed to ensure success on the College Board Advanced Placement exam offered for college credit. Writing will include a variety of formal essays, and shorter timed writings. A research paper will extend these skills. Students can take the AP Language exam in the summer.

Summer reading/work is required and can be obtained online.

JOURNALISM

Prerequisite: C grade or better in English

Grade Level: 10, 11, 12

Credit: 1/2 credit (elective)

{Course may be taken for credit for more than 1 year.}

The course covers techniques of layout, copyrighting, photography, and design. Skills learned are immediately applicable to publication production. The makeup and production of the Rye Thunderbolt's yearbook is one of the main functions of the class. Students will be responsible for taking photos for their yearbook page that they will be developing in class. Students also create and write the school newsletter.

SPEECH

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit (elective)

This performance-based course equips students with essential public speaking, critical listening, and interpersonal communication skills required for academic and professional success. Students will explore the communication cycle, work to master delivery, learn public speaking techniques that engage the audience, and build research-backed arguments. Additionally, students will work on professional interview skills to prepare them for college admissions, scholarships, and immediate employment opportunities. A core emphasis is placed on real-world applications.

CREATIVE WRITING 1

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit (elective)

In this course, students will explore a wide range of genres—from fiction and poetry to personal essays and varieties of media—while drawing on their own real-world memories, interests, and unique perspectives to shape their work. Through collaborative workshops, constructive peer feedback, and targeted writing exercises, students will experiment with diverse literary styles, sharpen their storytelling techniques, and assemble a portfolio of original work that reflects who they are.

READING

Prerequisite: Teacher Recommendation

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit (elective)

Designed to meet every reader at their individual level, this course provides targeted, differentiated instruction based on student needs. Depending on where they are in their literacy journey, students will focus on foundational skills—including phonics, basic decoding, and fluency building—or advance to mastering complex comprehension, literary analysis and vocabulary development – through tailored instruction.

MYTHS AND LEGENDS

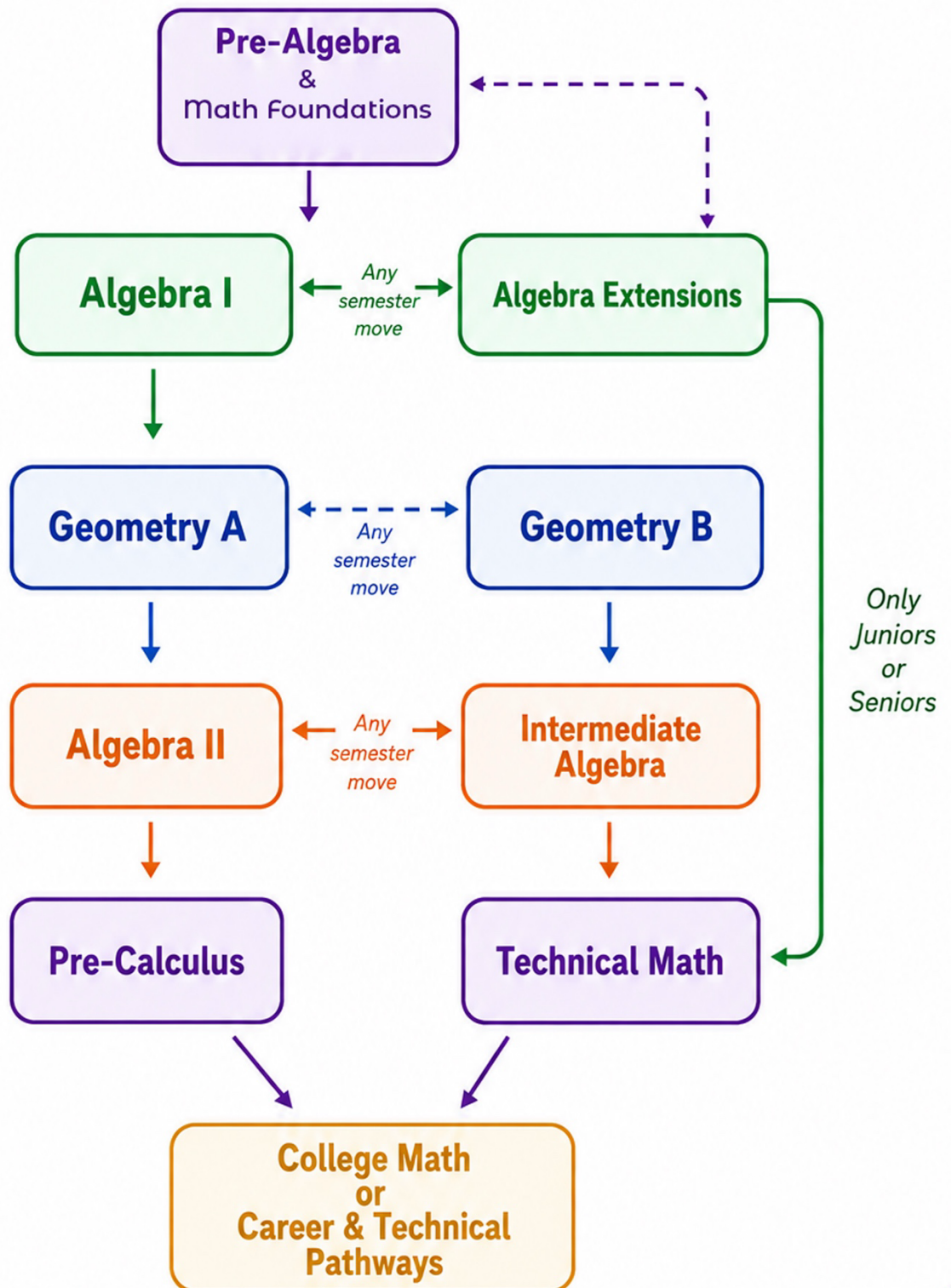
Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit (elective)

Uncover the ancient stories, monster tales, and legendary heroes that shaped human culture—and see how they continue to dominate modern pop culture today! In this interactive course, students explore world mythology, global folklore, and urban legends from Mount Olympus to modern cinema. Perfect for anyone who loves great stories, creative expression, and exploring the unknown!

Mathematics Course Offerings



All math courses require teacher recommendation.

Talk to your counselor or math teacher for help choosing the right path for you!



ALGEBRA EXTENSIONS

Prerequisite: Math Foundations, Pre-Algebra, or 8th grade Math

Grade Level: 9, 10, 11, 12

Credits: 1

Algebra Extensions may be part of the traditional three-year high school program. It is recommended for students who need extra time to complete assignments and understand mathematical concepts. This course follows the basic Algebra 1 curriculum and includes review of fractions, decimals, and simplifying expressions. Then students will strengthen their understanding of algebra topics including functions, graphing, linear, exponential and quadratic equation concepts, and systems of linear equations and inequalities.

ALGEBRA 1

Prerequisite: Math Foundations, Pre-Algebra, or 8th grade Math

Grade Level: 9, 10, 11, 12

Credits: 1 (Math)

This course includes review of basic concepts of fractions, decimals, and simplifying expressions. Then, students will strengthen their understanding of algebra through both problem solving and real-world applications. Topics include functions, graphing, slope and rate of change, writing and solving linear equations with standard algorithms and using algebra tiles, and solving systems of linear equations. Students will also be introduced to exponential growth and decay, sequences, and basic quadratic relationships.

ALGEBRA 2 (will satisfy graduation requirement for algebra)

Prerequisite: Algebra 1

Grade Level: 10, 11, 12

Credit: 1 credit

Algebra 2 completes the traditional three-year high school program. It is recommended for any student planning to attend college. Topics include solving and graphing quadratic, exponential, and logarithmic equations; functions; operations with polynomials and real and complex numbers; transformation geometry, conics, and probability and statistics. A scientific calculator with graphing capabilities is recommended.

AP PRE-CALCULUS

Prerequisite: Algebra 2 or Teacher Recommendation

Grade Level: 11, 12

Credits: 1 Credit

Fees: \$97, if the student takes the AP Exam

This AP course will progress at an accelerated and rigorous pace. It is recommended for students planning to continue their education past high school. AP pre-calculus is designed for those students interested in math/science related fields. Topics include Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric and Polar Functions. Students will use graphing calculators and other technology to better understand these processes and be able to analyze their results more effectively. The school has a limited supply of graphing calculators. Students are strongly encouraged to acquire one of their own. Time outside of the course is needed for successful completion of the workload. Good study habits and attendance will be crucial for student success.

AP STATISTICS

Prerequisite: Advanced Topics, Hon. Alg 2, or Math Analysis (Teacher Recommendation Only)

Grade Level: 12

Credits: 1 Credit

Fees: \$97, if the student takes the AP Exam

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution, patterns and uncertainty, and data-based predictions, decisions, and conclusions. Students will use graphing calculators and other technology to better understand these processes and be able to analyze their results more effectively. The school has a limited supply of graphing calculators. Students are strongly encouraged to acquire one of their own. Time outside of the course is needed for successful completion of the workload. Good study habits and attendance will be crucial for student success.

AP CALCULUS A/B

Prerequisite: AP Pre Calc or Math Analysis (Teacher Recommendation Only)

Grade Level: 11, 12

Credits: 1 Credit

Fees: \$97, if the student takes the AP Exam

This AP course will progress at an accelerated and rigorous pace. It is recommended for students planning to continue their education past high school. AP Calculus is designed for those students interested in math/science related fields. It is a college level course. Subject matter includes limits, the derivative, differentials and integration of functions including polynomials, natural logarithms, and trigonometric functions. Applications are stressed. Time outside of class is needed for successful completion of the workload. Good study habits and attendance will be crucial for student success. AP Calculus is an intense mathematics course, which covers limits, derivatives, definite integrals, indefinite integrals, and applications of those topics.

GEOMETRY

Prerequisite: Algebra 1

Grade Level: 10,11

Credits: 1 (Math)

Recommended for students planning to continue their education past high school. Geometry includes a review and extension of algebra concepts, point-line-plane-angle relationships, polygons, construction, congruence, similarity, quadrilaterals, coordinate geometry, linear equations and inequalities, solving quadratics, probability, transformations, and basic triangle trigonometry. Logical justification of statements is introduced through formal proof.

INTERMEDIATE ALGEBRA

Prerequisite: Algebra 1

Grade Level: 9, 10, 11, 12

Credits: 1 (Math)

Intermediate Algebra may be part of the traditional three-year high school program. It is recommended for students planning on some education or training beyond high school. Topics include solving, graphing and transforming linear, exponential, quadratic, and absolute value equations; functions; systems of equations and inequalities; proportions, percents, and similarity; properties of exponents; and operations on radicals. A scientific calculator with graphing capabilities is recommended.

MATH ENRICHMENT (Elective)

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

This is a supplemental course that provides mathematical support which includes in class work to support math concepts learned within the traditional math classroom and homework time.

MATH FOUNDATIONS

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credits: 1

This class is designed to develop the skills necessary to be successful in Algebra 1 and Geometry. Students will study basic concepts of whole numbers, fractions, decimals, and percent. Students will work basic algebraic expressions and work with concepts involving geometry. Students will problem solve using basic algebra and geometry skills.

PRE-ALGEBRA

Prerequisite: None

Grade Level: 9,10,11,12

Credits: 1

Pre-Algebra is a bridge between arithmetic and algebra. Students learn the operations, add, subtract, multiply, and divide with integers, fractions and decimals. Students will solve and write multi-step equations with variables. They will solve equations with inequalities ($>$, $<$), and work with basic probability and statistics. Students will use critical thinking to recognize problematic aspects of situations, create mathematical models, and present and defend solutions to geometry and its applications.

TECHNICAL MATH

Prerequisite: Geometry or Teacher Recommendation

Grade Level: 11, 12

Credits: 1 credit

Covers material designed for career technical or general studies. Recommended for students who need to study mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs and/or finance. These are presented at an introductory level and the emphasis is on application.

Science Course Offerings

ADVANCED PLACEMENT BIOLOGY (will satisfy graduation requirement for science)

Prerequisite: Biology 1, Chemistry 1

Grade Level: 11, 12

Credit: 1 credit

Fees: A \$25 fee may be charged; in addition, the cost of the AP exam and/or reduced tuition if CSUP credit is desired.

This course is equivalent to a freshman level college biology course. Topics include: the chemistry of life, cell structure and function, heredity, genetics, evolution, biological diversity, animal form and function, and ecology. The course includes a laboratory component. The course will prepare students to take the AP Biology exam, if desired. This course is available for college credit through CSU-Pueblo. The optional college credit has a cost.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (will satisfy graduation requirement in science)

Prerequisite: Biology 1, Chemistry 1

Grade Level: 11, 12

Credit: 1 credit

Fees: cost of the AP exam and/or reduced tuition if CSUP credit is desired.

This course is equivalent to a freshmen level college class. The scientific fields of biology, chemistry, geology, hydrology and ecology will be utilized to explore our planet's environments. Factors influencing life processes and humankind's interrelationship with and impact on the natural environment will also be covered. Students interested in careers in forestry, wildlife biology, environmental engineering and related fields are encouraged to take this class. The course will prepare students to take the AP Environmental Science exam, if desired. This course is available for college credit through CSU-Pueblo. The optional college credit has a cost.

ANATOMY/PHYSIOLOGY (will satisfy graduation requirement for science)

Prerequisite: Biology

Grade Level: 10, 11, 12

Credit: 1 credit

Fees: \$20 lab fee may be charged

Students will explore the parts of the human body and how they function individually and together to promote homeostasis. This class is useful to students who wish to learn more about their own bodies and to those planning careers in the medical and athletic fields. Dissections of specimens will be required as part of the lab component.

ASTRONOMY (will satisfy graduation requirement for science)

Prerequisite: Biology 1

Grade Level: 10, 11, 12

Credit: 1/2 credit

This course is physics-based Astronomy and requires a large amount of math and physics to understand the concepts. This course will give the student knowledge of the astronomy principles and some history of astronomy as a science.

BOTANY (will satisfy graduation requirement for science)

Prerequisite: Biology

Grade Level: 10, 11, 12

Credit: 1/2 credit

This course presents basic concepts of plant biology, focusing on the plant characteristics, unity and diversity, growth, and reproduction. Students discuss current ideas in agriculture, horticulture, medicine, biotechnology, ecology, conservation, and environmental issues.

BIOLOGY 1 (required for graduation)

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1 credit

This required course is designed to teach the living aspects of our world and how these relate to other living and non-living factors in the environment. This course explores core themes in biology, including ecosystems, populations, metabolism, photosynthesis and cellular respiration, cellular transport and homeostasis, genetics, and change through time. Laboratory work is designed to help students understand the concepts. Critical thinking skills are employed as students collect and interpret data. Students will share these findings by writing lab reports.

CHEMISTRY 1 (required for students not taking Physical/Earth Science)

Prerequisite: Biology; Completion of or enrollment in Algebra II is strongly recommended

Grade Level: 10, 11, 12

Credit: 1 credit

Chemistry 1 will cover a variety of chemistry topics including properties of matter, the periodic table, atomic structure, bonding, chemical reactions, biochemistry, and nuclear chemistry. It includes laboratory work and data handling. The course is designed to help students develop higher thinking skills. A significant amount of math is utilized. One year of chemistry is recommended for college bound students.

Forestry and Fire Science (will satisfy graduation requirement for science)

Prerequisite: Earth Science or Chemistry

Grade Level: 11, 12

Credit: 1 credit

Students will explore forestry, natural resource management, wildfire prevention, and fire science. Through hands-on activities, students will learn about forest ecosystems, fire behavior, wildfire safety, fire mitigation, and careers in forestry and emergency services.

GEOLOGY (will satisfy graduation requirement for science)

Prerequisite: Earth Science or Chemistry

Grade Level: 11, 12

Credit: 1/2 credit

This course will focus on physical geology: mineralogy, plate tectonics, geomorphology, geological hazards, planetary evolution, paleontology, sedimentary processes, and economic geology.

PHYSICAL/EARTH SCIENCE (required for students not taking Chemistry)

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1 credit

For one semester students study the characteristics of the earth, weather, solar system, and the water cycle. Thinking skills are improved as students investigate the effects of human activity, scientific advancement, and technology upon the earth's resources and our society.

The second semester focuses on the study of matter and energy, including chemistry and physics. Topics that include matter, the periodic table, elements, mixtures, compounds, chemical reactions, light and electromagnetic spectrum, energy, heat, motion, Newton's laws and momentum. Laboratory work is designed to help students understand the concepts. Critical thinking skills are employed as students collect and interpret data. Students will share these findings by writing lab reports.

ZOOLOGY (will satisfy graduation requirement for science)

Prerequisite: Biology

Grade Level: 10, 11, 12

Credit: 1/2 credit

Fee: \$10 Lab Fee

This class will study the classification, evolutionary history, anatomy and physiology of animals. Dissections will be a significant lab component of this class.

Social Studies Course Offerings

US HISTORY (required for graduation)

Grade Level: 9

Credits: 1 Credit

Students will study and evaluate the economic, social, cultural, diplomatic, and political issues, which have surfaced in our nation's history. Emphasis will be placed on the events relating to the development of the United States through the historical lens-surrounding discovery through recent historical events of our country with an emphasis on the twentieth and twenty-first centuries. This course will be aligned with a student's English classes in order to enhance and encourage the understanding of our historical influence in world affairs as the United States moved from an isolated country, through a period of imperialism and ultimately as a leader in world affairs.

WORLD HISTORY (required for graduation)

Prerequisite: US History

Grade Level: 10, 11, 12

Credit: 1 credit

Beginning with human existence, from prehistory, students will be introduced to basic themes that will help reveal patterns and connections among historical events throughout the ages. Students will explore the past, present and possible future relationship of the United States, its government and people, with the global community.

AMERICAN GOVERNMENT (required for graduation)

Prerequisite: World History and US History

Grade Level: 11, 12

Credit: 1/2 credit

Emphasis will be given to the functions and relationships of the legislative, executive, and judicial branches of the federal and state governments. The role of the United States in international affairs and organizations, current, national, state and local problems confronting the three levels of government will be discussed. The electoral process and the citizen's role in political functions as well as the citizen's role in making democracy work through involvement in the political process will be studied.

ECONOMICS (required for graduation)

Prerequisite: World History and US History

Grade Level: 11, 12

Credit: 1/2 credit

Students will learn about the American economic system emphasizing business and personal decision-making skills. Students will explore career opportunities and come in contact with representatives from the business community.

PSYCHOLOGY

Grade Level: 11, 12

Credits: 0.5 (Social Studies)

Length of Class: Semester

Psychology is a basic course in human behavior that provides students with the opportunity to understand themselves, to investigate similarities and difference among people, to explore ways to fulfill basic needs, to develop communication skills, to understand the thinking process and emotional aspects of behavior, to explore and develop decision making skills, and to explore individual survival and development of his/her well-being. The student will discuss human development, learning theory, the aspects of intelligence, the effect of heredity and the environment on individuals, the role of emotions in our lives, and mental health and illness.

Physical Education Offerings

HEALTH (required for graduation)

Prerequisite: None

Grade Level: 9

Credit: 1/2 credit

The overall goal of the health program is to provide secondary school students with knowledge, skills and understandings that will enable them to act on behalf of themselves and others in health-enhancing ways. The program frames adolescent health tasks and is designed to help students contribute to their own present and future health and well-being, and that of the families, schools, and communities to which they belong. The program emphasizes self-assessment, communication, decision-making skills, health advocacy, and self-management. Class activities and topics will be exciting and upbeat to meet today's teen's needs. Optional \$3.00 fee for CPR card certification.

OUTDOOR RECREATION (will satisfy graduation requirement for Physical Education)

Prerequisite: None

Grade Level: 9th-12th

Credit: 1/2 credit

Outdoor Recreation is a physical education elective designed to promote lifelong wellness through outdoor activities and recreation skills. Students will develop knowledge and practical experience in areas such as camping, tent setup and campsite safety, outdoor equipment selection and care, basic archery fundamentals, hiking techniques, and the physical and mental benefits of outdoor activities. The course will also incorporate a variety of outdoor games and team-building experiences that encourage collaboration, problem-solving, and healthy lifestyles. Through hands-on learning, students will gain the confidence and skills needed to safely enjoy and appreciate the outdoors.

PHYSICAL EDUCATION (will fulfill graduation requirement in PE)

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

This course will be designed to improve student physical fitness. Students will learn about various lifetime and team sports.

SPORTS AND FITNESS (will satisfy graduation requirement for Physical Education)

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

This class is designed to teach total fitness by combining physical activity and nutrition. Throughout the year students will have the opportunity to participate in a variety of different aerobic and body toning activities. By taking the class students will be able to develop healthier lifestyle behaviors that can last a lifetime.

WEIGHT TRAINING (will satisfy graduation requirement for Physical Education)

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

The object of this class is to improve the student's physical endurance, strength, and confidence. Methods of improvement include weight training, agility drills, and information on diet and nutrition.

World Language Offerings

SPANISH 1 (will fulfill college bound foreign language requirement)

Prerequisite: Incoming freshmen must have a C or better in 8th grade Language Arts

Grade Level: 9, 10, 11, 12

Credit: 1 credit

Students will learn basic Spanish language, grammar, and culture. Students will have daily lessons, which will include oral and written skill development.

SPANISH 2 (will fulfill college bound foreign language requirement)

Prerequisite: Incoming students must have a "C" grade or better in Spanish 1

Grade Level: 9, 10, 11, 12

Credit: 1 credit

Students will continue their studies of the Spanish language, grammar, and culture as well as developing oral, written, and listening skills. Spanish will be spoken 50% of the time.

SPANISH 3 (will fulfill college bound foreign language requirement)

Prerequisite: Spanish 2

Grade Level: 10, 11, 12

Credit: 1 credit

Students will continue their studies of the Spanish language and grammar. Spanish III will include additional cultural and literary readings. Spanish will be spoken 100% of the time.

Business Course Offerings

ENTREPRENEURSHIP

Grade Level: 11, 12

Credit: 1/2 credit

In this class students will delved into business ownership. Students will gain exposure to various elements of business ownership including, accounting, payroll, business organization, capital investment, regulatory law, and how to identify and capitalize on opportunity. By the end of the year students will complete a mock business plan that accounts for all relevant concerns related to the business.

ETHICAL LEADERSHIP

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

A class that will examine leadership strategies, styles and your own leadership strengths. Course content will include ethical philosophy, moral judgment, situational role play, speeches, leadership case studies and book studies. By the end of the course students will have developed a better awareness of themselves as a student, leader, and friend as well as the ability to win friends and influence people.

EVENT MARKETING & COMMUNICATION

Grade Level: 10, 11, 12

Credit: 1/2 credit

This project-based course introduces students to aspects in the world of event planning, promotion, and live execution. Students will explore the core functions of marketing through the unique lens of live events, learning how to transform a creative concept into a profitable, well-attended reality. The class will collaborate to pitch, plan, market, and fully implement at least one live, school-wide or community event from scratch. Students will develop critical career skills in project management, budgeting, digital sponsorship creation, public relations, and live operations management. This class will also analyze marketing case studies to evaluate changes over time periods and trends.

INTRO TO BUSINESS

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

Students will explore the fundamentals of business, including entrepreneurship, marketing, finance, management, and workplace skills. This course introduces the business world and helps students develop practical skills for future careers, college, and entrepreneurship.

INTRO TO PC APPLICATIONS

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

This introductory course provides students with the fundamental computer skills needed for success in school, college, and the workplace using Apple MacBooks. Students will learn to navigate the macOS operating system, manage files and folders, use cloud-based storage, and develop proficiency with productivity applications such as word processing, spreadsheets, presentations, and digital collaboration tools. The course also introduces internet safety, digital citizenship, keyboarding, and basic troubleshooting techniques. Emphasis is placed on building confidence, efficiency, and responsible technology use while preparing students for more advanced technology courses and real-world applications.

INTRO TO CODING

Grade Level: 11, 12

Credit: 1/2 credit

This introductory high school course provides students with a foundation in computer programming and computational thinking. Students will learn core coding concepts, including variables, data types, conditionals, loops, functions, and basic problem-solving strategies. Through hands-on projects, students will design, write, test, and debug programs while developing logical thinking and creativity. The course also introduces topics such as algorithms, software development, and careers in computer science.

LEGAL ENVIRONMENT OF BUSINESS

Grade Level: 11, 12

Credit: 1/2 credit

A class that will cover a wide range of topics, starting with the foundations of American law and its common law and constitutional origins. The class will also cover criminal and civil case procedure including rights of the accused, and standards of guilt/ liability. The class will utilize a lecture format with case studies, legal opinions and research projects as a supplement.

PERSONAL FINANCE

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

This course will teach students about personal finance. Students will read articles, watch small videos and play finance literacy games to understand and learn about multiple personal finance topics. Such topics include banking, investing, types of credit and how to manage, insurance, budgeting, taxes and how to become smart consumers.

PRINCIPLES OF MARKETING

Grade Level: 10, 11, 12

Credit: 1/2 credit

Students will be introduced to the world of sales and our free enterprise system. Topics will include, market dynamics, market analysis, branding, identifying consumer needs and the elements of profitable production. Students will look beyond simple advertising and sales to better understand how to build a brand and stay competitive in the ever-changing business environment.

WBL: BUSINESS

Grade Level: 11, 12

Credit: 1/2 credit

This course provides students with hands-on experience applying business skills in a real-world setting. Students will help operate the school store and develop skills in customer service, marketing, sales, inventory management, financial operations, and professional communication. Students are also expected to actively participate in Future Business Leaders of America (FBLA), applying their knowledge and skills through competitive events and chapter activities.

WBL: MARKETING

Grade Level: 11, 12

Credit: 1/2 Credit

Course Fee: \$25 FBLA Registration Fee

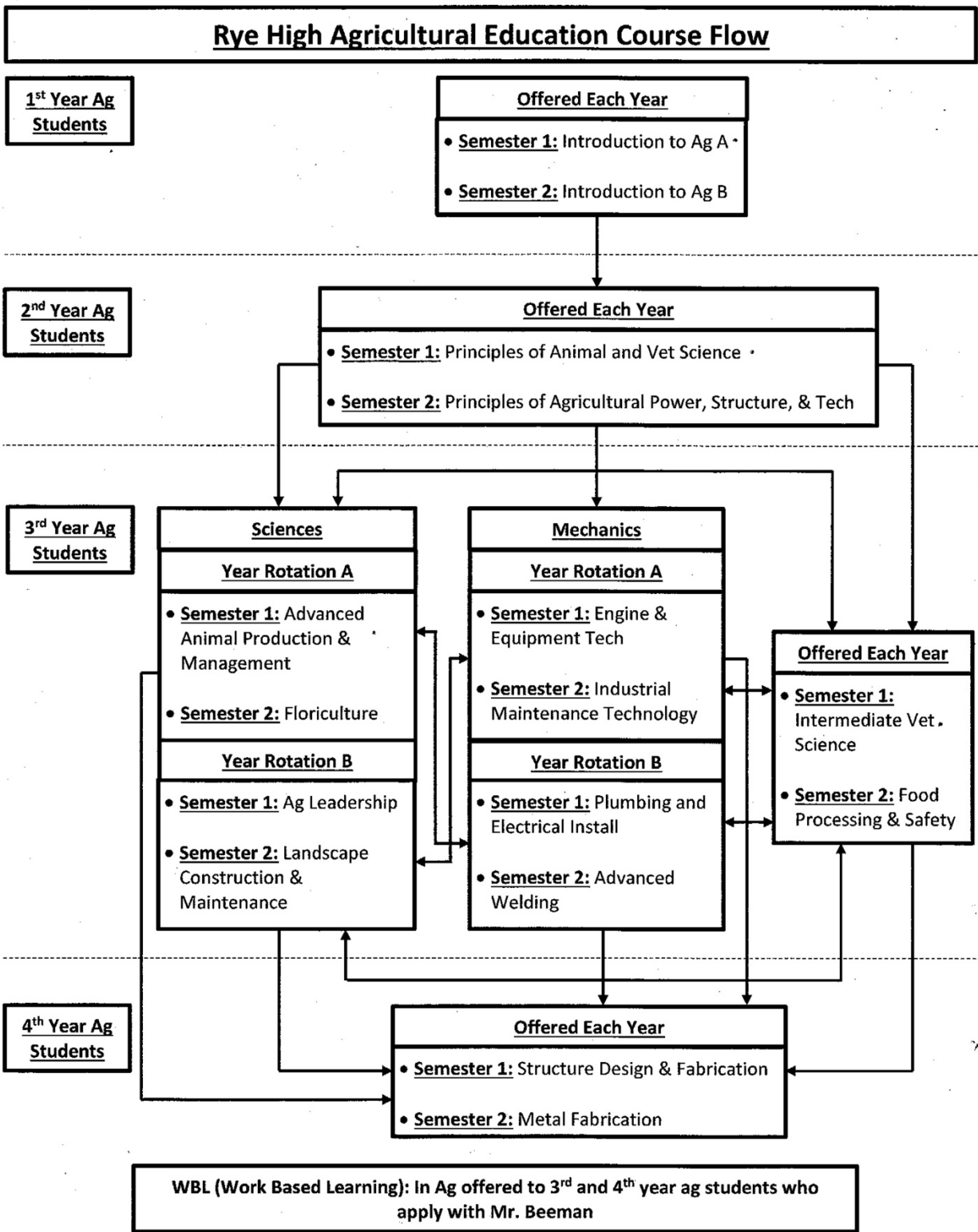
Highlights: Plan, create, and build a project for FBLA, travel to the State FBLA competition, and work with community organizations to support their organization.

WBL: ELECTRONICS

Grade Level: 11, 12

Credit: 1/2 credit

This course provides students with supervised work-based learning experiences in the technology field. Students apply classroom knowledge and technical skills in a real-world workplace while developing professional communication, teamwork, problem-solving, and workplace readiness skills. Emphasis is placed on hands-on experience, career exploration, industry standards, and the successful completion of job-related responsibilities under the guidance of both school and employer mentors. Upon completion, students will demonstrate increased technical competency, employability skills, and career readiness for technology-related occupations.



Years A & B rotate year after year so students can take classes each year
 Example: 2023-2024 = Year B, 2024-2025 = Year A

INTRODUCTION TO AG A (1st semester) & b (2nd semester)

Prerequisite: None

Grade Level: 9th-12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Years A & B

In this class we will be diving into the complex subject of agriculture. Agriculture Education in Colorado is delivered through **seven pathways**: Animal Science, Plant Science, Power Structure and Technical, Natural resources, Food Products and Processing, Agri-Business, and Environmental Service. In this course, we will have the opportunity to touch on all seven of these subjects. By doing so we will be able to determine which pathways will be taught more in depth throughout the next 3 years of the students' Ag-Ed Program.

PRINCIPLES OF ANIMAL & VETERINARY SCIENCE (semester 1)

Prerequisite: Introduction to Ag A & B

Grade Level: 10th-12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Years A & B

Agricultural Education in Colorado is delivered through seven pathways: Animal Science, Plant Science, Power Structure and Technical, Natural Resources, Food Products and Processing, Agri-Business and Environmental Service. Students will be touch on all seven of these subjects with an in depth look at Animal Science and Plant/Soil Science. Students must have this class to go further into higher level Ag or Mechanics classes.

PRINCIPLES OF AGRICULTURAL POWER STRUCTURE & TECH A (semester 2)

Prerequisite: Introduction to Ag A & B

Grade Level: 10th-12th

Credit: 1 credit

Class Fee: **Class fee from semester 1 covers semesters**

Offered: Years A & B

Agricultural Education in Colorado is delivered through seven pathways: Animal Science, Plant Science, Power Structure and Technical, Natural Resources, Food Products and Processing, Agri-Business and Environmental Service. Students will be touch on all seven of these subjects with an in depth look at Power Structure and Technical. Students must have this class to go further into higher level Ag or Mechanics classes.

ADVANCED ANIMAL PRODUCTION & MANAGEMENT A (semester 1)

Prerequisite: Introduction to ag A & B, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 10th-12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Year A

This class will be diving into the complex subject of agriculture and animal production. This course, we will focus on animal science heavily, Ag business and management of a ranch, and advanced animal systems and care. We will also focus on the leadership aspects within the Ag Ed program here at Rye High as the need arises.

FLORICULTURE A (semester 2)

Prerequisite: Introduction to ag A & B, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 10th-12th

Credit: 1 credit

Class Fee: **Class fee from semester 1 covers semesters**

Offered: Year A

In this class we will be diving into the complex subject of Floriculture. This course, we will focus heavily on aspects floriculture design, flower production within the greenhouse, business management, and other aspects of agriculture pertinent to this class. We will also focus on the leadership aspects within the Ag Ed program here at Rye High as the need arises.

AGRICULTURAL LEADERSHIP (semester 1)

Prerequisite: introduction to ag a & b, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 10th-12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Year B

In this class we will be diving into the complex subject of Agricultural Leadership and animal production. This course, we will focus heavily on the leadership aspects within the Ag Ed program here at Rye High, speaking, FFA, and program planning. We will also further dive into animal science and plant science.

LANDSCAPE & CONSTRUCTION MAINTENANCE (semester 2)

Prerequisite: introduction to ag a & b, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 10th-12th

Credit: 1 credit

Class Fee: **Class fee from semester 1 covers semesters**

Offered: Year B

In this class we will be diving into the complex subject of Agricultural Leadership and animal production. This course, we will focus heavily on aspects of landscape design and construction, students will learn how to draw plans for landscapes. We will also further dive into animal science and plant science.

ENGINE AND EQUIPMENT TECH A (semester 1)

Prerequisite: Introduction to ag A & B, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 11th-12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Years A

In this class we will be diving into the complex subject of agriculture mechanics. We will cover skills from Engines, to equipment, to use of said equipment within the shop. We will learn how to properly disassemble and assemble machinery and engines. We will also advance skills in construction, welding, and fabricating.

INDUSTRIAL MAINTENANCE TECHNOLOGY (semester 2)

Prerequisite: Introduction to Ag A & B, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 11th-12th

Credit: 1 credit

Class Fee: **Class fee from semester 1 covers semesters**

Offered: Years A

In this class we will be diving into the complex subject of agriculture mechanics. We will cover skills from Engines, to equipment, to use of said equipment within the shop. We will learn how to properly troubleshoot and repair equipment. We will also advance skills in construction, welding, and fabricating.

PLUMBING & ELECTRICAL INSTALL (semester 1)

Prerequisite: Introduction to Ag A & B, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 11th-12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Year B

Students will utilize welding skills and other skills learned earlier in Ag Ed courses. Students will learn the basis of structural mechanics as well as personal project production. Skills covered include plumbing, electrical, construction, metalworking, engine systems, some welding and tool use.

ADVANCED WELDING (semester 2)

Prerequisite: Introduction to Ag A & B, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 11th–12th

Credit: 1 credit

Class Fee: **Class fee from semester 1 covers semesters**

Offered: Year B

This course builds on the welding fundamentals of the first two years in ag. Students will study safety, maintenance and the fundamentals of operation and calibration of basic farm machinery. Students will acquire advanced welding skills including SMAW, Oxy, GMAW, GTAW and plasma cutting. Students will choose a project with teacher approval and complete a daily journal on the plans and progress of the project.

INTERMEDIATE VET SCIENCE (semester 1)

Prerequisite: Introduction to Ag A & B, principles of animal & veterinary science, principles of agricultural power structure & tech A

Grade Level: 11th–12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Years A & B

Agricultural Education in Colorado is delivered through seven pathways: Animal Science, Plant Science, Power Structure and Technical, Natural Resources, Food Products and Processing, Agri-Business and Environmental Service. Students will be introduced to all seven of these subjects. Students will do so by performing hands on skills found within the Agricultural Industry. This may include skills that some students cannot handle due to graphic nature or physical labor. Neither of these will excuse students from the activity. If a student decides they are not capable they will be required to write a minimum five-paragraph report on the skill explaining why, with participation, this has the potential to be a very enjoyable and memorable class, due to the fact that it is hands on.

FOOD PROCESSING & SAFETY A (semester 2)

Prerequisite: Introduction to Ag A & B, PRINCIPLES OF ANIMAL & VETERINARY SCIENCE, PRINCIPLES OF AGRICULTURAL POWER STRUCTURE & TECH A

Grade Level: 11th–12th

Credit: 1 credit

Class Fee: **Class fee from semester 1 covers semesters**

Offered: Years A & B

Agricultural Education in Colorado is delivered through seven pathways: Animal Science, Plant Science, Power Structure and Technical, Natural Resources, Food Products and Processing, Agri-Business and Environmental Service. Students will be introduced to all seven of these subjects. Students will do so by performing hands on skills found within the Agricultural Industry. This may include skills that some students cannot handle due to graphic nature or physical labor. Neither of these will excuse students from the activity. If a student decides they are not capable they will be required to write a minimum five-paragraph report on the skill explaining why, with participation, this has the potential to be a very enjoyable and memorable class, due to the fact that it is hands on.

STRUCTURE DESIGN AND FABRICATION (semester 1)

Prerequisite: 3 complete years in the ag program

Grade Level: 12th

Credit: 1 credit

Class Fee: \$25.00

Offered: Years A & B

Students will develop a large-scale project. Students will draw up blueprints for this project, develop a bill of materials, and build it. Students will be able to use any tool that is available to them within the shop after they receive the correct training. This project can be metal, wood, or a combination of the two. The project will have to be paid for up front by the student so as to acquire supplies and materials. The project can be as large as a full-size trailer, down to home furniture. The bigger the project, typically the more expensive. If the one project takes the entire time a student has to build throughout the 2 semesters that is great. Students will be graded on diligence and work attitude. Students will be given a goal to reach every day. Students will be graded on their ability to reach the goal. If a student chooses to build multiple small projects, blueprints and bills of materials will be developed for each project.

METAL FABRICATION (semester 2)

Prerequisite: 3 complete years in the ag program

Grade Level: 12th

Credit: 1 credit

Class Fee: **Class fee from semester 1 covers semesters**

Offered: Years A & B

Students will develop a large-scale project. Students will draw up blueprints for this project, develop a bill of materials, and build it. Students will be able to use any tool that is available to them within the shop after they receive the correct training. This project can be metal, wood, or a combination of the two. The project will have to be paid for up front by the student so as to acquire supplies and materials. The project can be as large as a full-size trailer, down to home furniture. The bigger the project, typically the more expensive. If the one project takes the entire time a student has to build throughout the 2 semesters that is great. Students will be graded on diligence and work attitude. Students will be given a goal to reach every day. Students will be graded on their ability to reach the goal. If a student chooses to build multiple small projects, blueprints and bills of materials will be developed for each project.

Visual and Performing Arts Offerings

ANIMATION 1 A

Grade Level: 10, 11, 12

Credit: 1/2Credit

Highlights: Create flipbooks, use clay in stop motion animation, and create digital animations using Adobe Animate. Students will develop 2-dimensional animated shorts, using traditional animation fundamentals. They will use Adobe Animator and contemporary animation tools and software to create finished animations. Students will create digital portfolios to showcase their animations and apply their knowledge to career related activities.

BAND

Prerequisite: Previous playing experience preferred, but not required

Grade Level: 9, 10, 11, 12

Credit: 1/2 or 1 credit

Course Fee: \$50

Students will learn and perform various styles of music and will focus on the development of instrumental musical skills. Performances outside of school will be required. The band will perform at all home football games (fall semester) and all home basketball games (spring semester) as well as concerts and festivals.

CAPSTONE: DESIGN AND MULTIMEDIA ARTS A (PAINTING 2)

Prerequisite: Foundations of Design A

Grade Level: 11, 12

Credit: 1/2 Credit

Course Fee: \$50

Highlights: Learn new to use new mediums and painting techniques, decide what you want to make and what you want to use to make it using planning techniques, and create a professional level portfolio for college or career. Students will create finished artwork that reflects professional standards in current Design and Multimedia. They will create self-developed paintings based on experience and practiced technique. Students will create digital portfolios to showcase their paintings and apply their knowledge to career related activities.

CERAMICS 1

Grade Level: 9, 10, 11, 12

Credit: 1/2 Credit

Course Fee: \$50

Highlights: Create a custom stamp that you can use on multiple projects, hand build a jewelry box, use the wheel to create bowls and cups, and learn how to glaze pottery. Students will use hand building techniques to create functional pottery. They will create food safe and watertight finished pottery with professional glazes and firing. Students will create digital portfolios to showcase their pottery and apply their knowledge to career related activities.

CERAMICS 2

Prerequisite: Ceramics 1

Grade Level: 9, 10, 11, 12

Credit: 1/2 Credit

Course Fee: \$50

Highlights: Learn new pottery techniques, decide what you want to make and what techniques you want to use with planning techniques, and create a professional level portfolio for college or career. Students will use hand building techniques to create functional pottery. They will create food safe and watertight finished pottery with professional glazes and firing. They will self-select processes, techniques, and projects using design planning processes. Students will create digital portfolios to showcase their pottery and apply their knowledge to career related activities.

COMMERCIAL PHOTOGRAPHY II A

Grade Level: 10, 11, 12

Credit: 1/2 Credit

Course Fee: \$10

Highlights: Work with professional cameras, create the school yearbook, and develop a quarterly newsletter. Students will learn how to distinguish compositional schemes in photography to include the rule of thirds, geometric balance, and picture planes. They will use fundamental and technical practices to produce digital photographs. Students will create digital portfolios to showcase their photography and apply their knowledge to career related activities.

COMMERCIAL PHOTOGRAPHY II B

Prerequisite: Commercial Photography II A

Grade Level: 11, 12

Credit: 1/2 Credit

Course Fee: \$10

Highlights: Work with professional cameras, create the school yearbook, and develop a quarterly newsletter. Students will use the principles of commercial photography to include working with clients, interpreting client instructions, and developing production schedules. They will communicate meaning and tell stories using photographs. Students will create digital portfolios to showcase their photography and apply their knowledge to career related activities.

CONCERT CHOIR

Prerequisite: Previous vocal experience preferred.

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

Students will learn and perform various styles of choral music and will focus on the development of vocal skills to include warm-ups, sight singing, music notation, rhythm and performance. Participation in concert performances is required.

COOKING

Prerequisite: None

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

Course Fee: \$50

This course will teach students about the basics in cooking and baking, students will learn everything from what supplies they need for getting started to reading recipes and planning meals. Students will be provided with a basic understanding of what it means to be in the kitchen and sources for additional information to foster a lifetime of culinary growth. Students will also learn how to budget for food and plan meals for families.

DIGITAL MEDIA A

Grade Level: 9, 10, 11, 12

Credit: 1/2 Credit

Course Fee: \$10

Highlights: Work in Photoshop, use social media to share a message, explore short video formats and create your own podcast or video. Students will create and improve digital products by applying the appropriate design and layout principles. They will use professional level software to include Adobe Photoshop and Illustrator. Students will create digital portfolios to showcase their digital work and apply their knowledge to career related activities.

DIGITAL MEDIA B

Prerequisite: Digital Media A

Grade Level: 9, 10, 11, 12

Credit: 1/2 Credit

Course Fee: \$10

Highlights: Work in Photoshop, use social media to share a message, explore short video formats, create your own podcast or video, and use digital media techniques to plan and create your own projects. Students will create and improve digital products by applying the appropriate design and layout principles. They will use professional level software to include Adobe Photoshop and Illustrator. Students will create digital portfolios to showcase their digital work and apply their knowledge to career related activities.

DRAMA

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

This course will develop artistic perception, creative expression, and aesthetic valuing; to develop the ability to connect and apply what is learned in drama to other art forms, subjects, and careers. In this course, students will learn theatre terminology for the stage, acting, directing, and technical aspects of production. Much of the course content will be studied through active, hands-on projects. Students will learn to do acting warm-ups, improvisations, monologues, and two-, three, and four-person scenes. Students will read and analyze scenes and plays. Finally, students will research artists in the theatre and attend and review at least one live performance and one movie per semester. Students will also participate in the Drama class production.

FOUNDATIONS OF DESIGN A (PAINTING 1)

Grade Level: 9, 10, 11, 12

Credit: 1/2 Credit

Course Fee: \$50

Highlights: Learn to paint using different techniques and supplies, create artwork using printmaking, and make artistic choices about what you create. Students will create using watercolor, acrylic, and various painting mediums. They will create artwork using visual elements and principles of design. Students will create digital portfolios to showcase their paintings and apply their knowledge to career related activities.

GRAPHIC DESIGN

Grade Level: 10, 11, 12

Credit: 1/2 Credit

Course Fee: \$50

Highlights: Learn drawing techniques to make you successful as an artist, learn how to use different supplies to include pencil, colored pencil, charcoal, and pastel, and make artistic choices about what you create. Students will apply the design process to complete projects of increasing complexity and use varying applications. They will create using graphite, colored pencil, charcoal, and pastel. Students will create digital portfolios to showcase their drawings and apply their knowledge to career related activities.

MARCHING BAND

Prerequisite: Permission by Instructor/audition

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

Marching Band provides students with a balanced comprehensive study of music and is a support system to help build school spirit and pride while maintaining musical integrity and physical conditioning. The semester consists mostly of physical marching activities and is concluded with a winter concert at the end of the semester providing a smooth transition to the spring semester. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. All members of the marching band program are required to participate in the Concert Band class during the spring semester unless special arrangements are made with the director. The sections of the Marching Band include but are not limited to Drum Major, Pit, Drum line, Horn line and Color Guard. Extra rehearsals are scheduled on an arranged basis with a minimum of 5 extra hours of rehearsal scheduled outside of the school day each week during the marching season as scheduled by the director (Monday, Wednesday from 4-6; Friday 8-12). All members of the band are encouraged, but not required, to study privately. Attendance is required at all rehearsals, performances and competitions unless excused by the Director as they are used as assessment tools. Membership in the marching band as instrumentalists is open to all students with previous band experience in grades 9-12 or by permission of the director. An audition for placement may be required. Preliminary chair placement as well as specific assignments and positions in the show will be made periodically throughout the semester at the discretion of the director. The marching band typically performs for all home football games, away football games when funding is available, at pep assemblies, and other regional marching contests or performances as determined by the director. Fees will be determined by the teacher as explained in the band handbook.

MUSIC TECHNOLOGY

Grade Level: 9, 10, 11, 12

Credit: 1/2 credit

This is an introductory course in the principles of audio sound recording. Topics include sound waves, acoustics and the audio spectrum, console and signal flow, equalization and compression, microphones and their placement, effects, digital audio formats and MIDI basic concepts. Students' digital literacy and technical abilities will be advanced through collaborative projects. 21st Century job market opportunities: film scoring, commercial advertising, media production, acoustic engineering, TV/radio production, e-media/web production, electronic systems design, music composing and arranging. Students will: record and arrange songs, create podcasts, add music/sound effects to movies, mix music, create their own instrumental recordings, with Apple loops. They will learn about audio equipment such as, microphones, wires, connectors, amps, stomp boxes, soundboards. Students will discover and explore introductory concepts used in music sequencing, notation and recording, effects of stagecraft, such as, audio work on live musical/play/drama presentation/music concerts as well as lighting.

WORK BASED LEARNING

Grade Level: 11, 12

Credit: 1/2 Credit

Course Fee: \$25 TSA Registration Fee

Highlights: Plan, create, and build a project for Technology Student Association, travel to the State TSA competition, and work with community organizations to create digital and physical artworks to support their organization. Students will work with service based, community, organizations to create digital and physical products to support organizational goals. They will work with photography and digital media in professional settings. Students will participate in and compete at the State level through Technology Student Association. Students will create digital portfolios to showcase their work and apply their knowledge to career related activities.

Other Course Offerings

COLORADO STATE UNIVERSITY-PUEBLO

Prerequisite: Accuplacer/ACT/SAT, Concurrent Enrollment Request Forms, COF, sufficient credits, approval of counselor, contract and parent permission

Grade Level: 11, 12

Credit 1 credit high school and CSU-Pueblo credits

Fall applications due the 1st Friday of May/Spring applications due the 1st Friday of December

If you are interested in this program, please see the counselor for more information.

ELEMENTARY TEACHER AIDE

Grade Level: 12

Credit: 1/2 Credit (Elective)

Special Requirements: (This is a Pass/Fail course...no letter grade is given).

Students must provide their own transportation, have and maintain a cumulative GPA of 2.0 or higher, be in good standing with PCHS staff, meet dress code standards, have good attendance, maintain confidentiality, and be a positive role model always.

This is a full year course in Peer Mentoring at one of the district's elementary or middle schools. Students are to provide their own transportation. There will be a screening process as to the selection of mentors.

OFFICE AIDE

Grade Level: 11, 12

Credit: 1/2 Credit (Elective)

Prerequisite: None (This is a Pass/Fail course...no letter grade is given)

Students desiring this class will be chosen by the office secretaries. Responsibility and dependability are most essential. Those students chosen to work in the main office will earn 1/2 credit toward high school graduation upon completion of the school year; however, the credit will not apply toward class rank. Students working in the main office serve a vital role in the efficient operation of the school. They are available to the office staff for errands, delivering messages & doing any other task asked of them by office staff.

PUEBLO COMMUNITY COLLEGE

Prerequisite: Accuplacer/ACT/SAT, Concurrent Enrollment Request Forms, COF, sufficient credits, approval of counselor, contract and parent permission

Grade Level: 11, 12

Credit: 1 credit high school and Pueblo Community College credits

Fall applications due the 1st Friday of May/Spring applications due the 1st Friday of December

If you are interested in this program, please visit the school counselor for more information.

TEACHER AIDE

Grade Level: 12

Credit: 1/2 Credit (Elective)

Special Requirements: None (This is a Pass/Fail course...no letter grade is given)

To be eligible to become a student aid for an instructor, a student must be a senior in good standing. An instructor must give permission for the student to be an aide. A student will not receive a letter grade for being a student aide, but will be awarded a satisfactory or unsatisfactory grade, plus credit for each semester of satisfactory work.

WORK STUDY

Prerequisite: Must have a job and approval of the counselor

Grade Level: 12

Credit: 1/2 Credit or 1 Credit

Credit is given for work outside the school. Work 135 hours in a semester (average 7.5 hours per week) equals 1/2 credit. Work 270 hours in a semester (average 15 hours per week) equals 1 credit. See counselor for details.

NONDISCRIMINATION STATEMENT

Pueblo County School District 70 does not unlawfully discriminate on the basis of race, creed, color, sex, sexual orientation, gender identity/expression, marital status, national origin, religion, age, disability, need for special education services, genetic information, pregnancy or childbirth status, or other status protected by law in admission or access to, or treatment, or employment in its education programs or activities. Additionally, a lack of English language skills is not a barrier to admission or participation in activities. Inquiries about ADA, Section 504, Title VI, and Title IX may be addressed to the Superintendent of Schools, 301 28 th Lane, Pueblo, Colorado 81001. 719-295-6548 or krein@district70.org

DECLARACIÓN DE NO DISCRIMINACIÓN

El Distrito Escolar 70 del Condado de Pueblo no discrimina ilegalmente por motivos de raza, credo, color, sexo, orientación sexual, identidad/expresión de género, estado civil, origen nacional, religión, origen nacional, edad, discapacidad, necesidad de servicios de educación especial, información genética, estado de embarazo o parto, u otro estado protegido por la ley en la admisión o acceso, tratamiento o empleo en sus programas o actividades educativas. Además, la falta de habilidades en el idioma inglés no es una barrera para la admisión o participación en actividades. Las consultas sobre ADA, Sección 504, Título VI y Título IX pueden dirigirse al Superintendente de Escuelas, 301 28th Lane, Pueblo, Colorado 81001. 719-295-6548 o krein@district70.org