

Rock Canyon High School

Academic Planning Guide

25-26 School Year



OUR MISSION

To Empower, To Explore, To Encourage and To
Excel in Education

OUR VISION

Our student-centered culture practices
collaborative decision making and continuous
improvement in a safe, supportive environment.

Rock Canyon High School

We are very excited to work with you in an ongoing partnership at one of the best comprehensive high schools in the state of Colorado!

We have prepared this guide to help you plan and continue your high school academic program. Included is information for you to use while you plan for the upcoming school year and the remainder of your high school career.

Students and parents should work together to develop a four-year plan for a successful high school experience, or use this guide to continue your plan from last year.

In addition, students should work with their current teachers in Mathematics, English, Social Studies, World Languages and Science to assure that they will register for courses that meet their skill levels and post-high school plans. All courses are available to every student based on student interest, performance and teacher recommendation.

You should consider the following:

1. Learn and know the Douglas County high school graduation requirements.
2. Consider your plans for college entrance criteria and career requirements.
3. Before selecting a course, check the course description to be sure that the course fits your academic needs, interest, and abilities. Some courses require a prerequisite course or teacher approval before registration. Please pay attention to fees and materials that may need to be purchased. If you have any questions, please contact your counselor.

The courses you choose will have a direct effect on the classes we schedule for next year, so please pay careful attention to your selections. Once courses are selected there will be limited opportunities to make changes.

We look forward to working with you and your family to create an outstanding high school experience. Remember, we are here to help you! If you have any questions, please call us at (303) 387-3000.

Respectfully,

Andy Abner

Principal



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All photos in the course guide are courtesy of
the Black and Gold Yearbook



Definitions

Advanced Placement (AP): The Advanced Placement program is a national academic program sponsored by the College Board. All Advanced Placement courses have weighted grades.

Credit (high school unit of credit): A measure of credit earned in a course. One unit of credit equals two successfully completed semesters of work. A 0.5 credit equals one semester of successfully completed work.

Cumulative GPA: A student's earned Grade Point Average over time.

GPA: A student's earned Grade Point Average for one semester or one year.

Grades, Regular: Courses which award the student 4 points for an A, 3 points for a B, 2 points for a C, 1 point for a D, and 0 points for an F (no credit given).

Grades, Weighted: At this time, the following courses have weighted grades: All Advanced Placement classes. Weighted courses award 5 points for an A, 4 points for a B, 3 points for a C, 1 point for a D, and 0 points for an F.

The weighting of Honors and Current Enrollment classes is currently under review by the DCSD Board of Education.

Prerequisite: A course that must be successfully completed before taking another course.

High School Policies

Availability of Classes: While every effort will be made to provide the classes a student has selected during registration, some classes may not be available due to student enrollment numbers, staffing, and budget.

Course Credit Deadline: No credit can be earned if a student enters a class after the tenth day of the semester, unless transferring from a similar class.

Course Load: All Douglas County School District high school students are required to complete 24 credits for graduation. RCHS will operate on a 7-period schedule. 9th graders are guaranteed 7.0 credits, and 10th – 12th graders are guaranteed 6.0 credits. Students wishing to take more classes than the guaranteed minimum will be enrolled in their alternates on a class space-available basis.

Schedule Correction Process: For returning students, all schedule corrections will happen in May after schedules are released. For incoming students, all schedule changes will happen in August, prior to the first day of school. Please pay attention to announcements about procedures for changing classes. This includes changes for 2nd semester.

Policy for Dropping a Class:

- Days 1-10: Follow established class system (see “Schedule Corrections” on pg. 6). Students will not be penalized if a course is dropped for an off hour within the first ten (10) days of a semester. The student’s counselor, teacher, and parent must approve all schedule changes. AP Drop forms are submitted to the assistant principal and will be accepted any time during the two-week period, but will not be addressed until Days 8-10.
- Any courses dropped after the 10th school day will be recorded permanently on the student’s transcript as an F and will be factored into a student’s GPA.

Early Graduation: Students planning to complete their high school course work in less than eight semesters should develop an early graduation plan with their counselor and parents. An early graduation form is available in the Counseling Center and must be approved by the principal. A student who plans to graduate early must complete all requirements set by the State Board of Education and the Douglas County Board of Education. Early graduation forms must be submitted by October 1st.

Enrollment: Students enrolling in RCHS that have withdrawn from a previous school must enroll three weeks prior to the end of a semester in order to receive credit from Rock Canyon for the semester (Note: Students who have not been in attendance at a school during a semester may not receive credit at RCHS if they enroll 3 weeks after the semester begins.). If a student is over 17, alternatives for earning credit during the semester will be presented. If a student is not yet 17, the student will be enrolled and attend a full schedule, but credit may not be granted if courses start after the first 10 days of a semester. Student situations are considered separately.

Fees: (Subject to revision by the Board of Education)

- Activity Ticket-Student (optional): \$40.00
- Athletics - Participation per season: \$200.00
- Instructional Materials Fee: \$40.00
- Testing Fees: \$20.00 (PSAT), \$99.00 (AP Exams)
- Field Trips - Students will be charged a transportation fee for all field trips.

Course Fees - As per Board of Education policy, where additional charges are required for specific courses; the costs will be noted in the course description. The fee may vary with each student and each project to cover individual needs. Fees are also subject to change.

Graduation: To participate in the graduation ceremony, the student must present evidence of meeting the diploma requirements (including transcripts from approved correspondence and out-of-school coursework) 48 hours prior to the graduation ceremony. A student must also wear the designated cap and gown to the graduation ceremony and pay the Board approved graduation fee of \$30.00. There will also be a \$20.00 off-site graduation fee.

Counseling

The Rock Canyon Counseling Department is a team of service-oriented professionals building positive relationships while applying effective communication and practices to meet the needs of our community.

Counselors:

Mackenzie Carson (A-BRE)
Julie Burns (Helper)
Elias Solis (BRF-DAN)
Lauren Donofrio(DAO-GE)
Leah Thomsen (GH-H)

Mike Sullivan (I-LAR)
Lexi DiLacqua (LAS-MIL)
Tonia Miller (MILL-PE)
Katerina Casas (PF-SCH)
Mark Kroll (SCO-TO)
Crystal Metzger (TR-Z)

Registrar:

Danielle VanNatta

Counseling Secretaries:

Gina Dermody (Post Grad)
Erika Andrews (Helper Helper)

Counseling services are available to all Rock Canyon High School students. Students are assigned a counselor based on their last name. Counselors meet with students about a variety of issues including educational, personal, emotional, social, academic, career, vocational and technical training. Counselors provide support to families including community resources to help address a variety of concerns that might be better addressed outside of the school setting.

Scheduling an Appointment:

We encourage any student who wants to meet with their counselor to schedule an appointment. To schedule an appointment, students must simply contact the Counseling Office secretaries and they will schedule an appointment. We recommend students make appointments with the secretaries during an off period or a class period they can afford to miss. Meetings can also be scheduled during lunch or Access. Teachers do have the right to withhold a pass if a test is being administered or if they feel the student cannot miss the classroom activities.



Schedule Corrections:

All schedule corrections will be done in May when schedules are released for the upcoming year.

Please understand that there are only certain types of schedule change requests that can be accommodated.

Changes that will be considered:

- Switching electives for the same period (pending availability)
- Dropping a class for an off period
- Filling an off period with a class (pending availability)
- Picking up a TA (pending approval)

Changes that will not be considered:

- Choosing off periods
- Moving class periods
- Switching to a new teacher
- Choosing lunch periods/moving classes around lunch schedule
- Joining a class that is already at capacity

Online Courses for Initial Credit: All RCHS graduates are advised to meet their 24 credit requirements by taking in-person courses at Rock Canyon High School. In unique circumstances, students may seek approval to take an online course for initial credit. The following guidelines must be followed for credit to be awarded for any courses taken outside of Rock Canyon High School:

3. Prior approval to take the course must be obtained from the student's administrator and counselor
 - a. [eDCSD approval](#)
 - b. [non-DCSD approval](#)
4. The course needs to be completed with an accredited institution

Please keep in mind that board policy limits the number of credits that can be on a student's transcript from institutions other than their home high school. Any costs associated with online

classes are the responsibility of the student and their family.

College Entrance Requirements

If your plans after graduation from high school include college, check individual colleges and university websites, or talk directly with an admission counselor. Carefully consider some of the major factors most colleges use for admissions:

Curriculum (the courses a student takes in high school): Colleges take into consideration the level of courses taken, the overall strength of the student's curriculum, and the broad-based foundation needed to undertake college work. Most colleges are looking for students who have consistently challenged themselves academically by selecting rigorous courses while in high school.

Grades: Grades are still the best predictor of academic success in college, and most colleges check high school grades carefully before admitting students. Note: some colleges do not recognize/accept Ds. Check with the college/university of choice to verify.

College Entrance Tests: Students who challenge themselves academically by selecting rigorous courses in high school consistently score higher on college entrance tests such as the ACT and SAT. These tests measure student knowledge in academic areas and help indicate their level of achievement in core classes. Colleges use these test scores as one predictor of academic success in college.

Student Activities: Involvement and participation in school, community, and religious activities such as: clubs, athletics, music, and student government. Work and volunteer projects are also important for college admission. The critical point is not how many activities you joined, but how meaningfully you have participated and fulfilled your responsibilities.

Recommendations: Most colleges ask for personal recommendations from your teachers, coaches, employers, and counselors. Your chances for admission will be enhanced by comments from those who know you well. Recommendations often include information about personal traits such as: integrity, judgment, reliability, motivation, initiative, leadership, and character.

Community Service Hours: DCSD requires completion of 20 hours of community service and the required documentation (to be submitted in full to the Counseling Secretary prior to April 1st) in order to graduate. In addition, many colleges look favorably on community service hours done beyond the required 20. Often colleges look beyond the number of hours to see depth of involvement.

Higher Education Admissions Requirements

Colorado has recently established Higher Education Admissions Requirements for students who plan to attend any of Colorado's public, four-year colleges or universities. Private colleges and universities set their own admissions standards, so you should contact those institutions directly for information regarding their enrollment policies. Public two-year colleges have open enrollment policies, meaning that students applying to these schools do not need to meet the following admissions requirements.

Students planning to attend a four-year college or university in Colorado (Adams State College, Colorado School of Mines, Colorado State University, Colorado State University—Pueblo, Fort Lewis College, Colorado Mesa University, Metropolitan State University of Denver, University of Colorado at Boulder, University of Colorado at Colorado Springs, University of Colorado at Denver, University of Northern Colorado, Western State Colorado University) will need to complete the following classes in order to fulfill the Higher Education Admissions Requirements. Additionally, you will need to find out from the colleges to which you are applying what GPA and ACT or SAT scores they require and if there are other courses outside of the Higher Education Admissions Requirements that must also be completed for admission. The Higher Education Admissions Requirements have been established in addition to the Admissions Eligibility Index <https://catalog.coloradomesa.edu/undergraduate-admission-information/colorado-public-hear/>.

ACADEMIC AREA	HS GRADUATES 2010+
ENGLISH	4 units
MATHEMATICS (Algebra I level and higher)	4 units
NATURAL/PHYSICAL SCIENCES (2 units must be lab-based)	3 units
SOCIAL SCIENCES (at least 1 unit of U.S. or world history)	3 units
FOREIGN LANGUAGE	1 units of same language
ACADEMIC ELECTIVES*	2 units
TOTAL	17

Note: One unit is equal to one full year of credit in a specific subject.

* Acceptable Academic Electives include additional courses in English, mathematics, natural/physical sciences and social sciences, foreign languages, art, music, journalism, drama, computer science, honors, Advanced Placement, and International Baccalaureate courses. Approved career and technical education courses with content comparable to courses meeting Colorado's Model Content Standards and industry specific/CTE standards are counted as academic electives beyond the minimum years listed above.

The CCHE has further described the types of courses that meet their requirements by indicating that they need to be "sufficiently challenging to be college-preparatory" and that they need to fit "in a logical sequence of courses leading to higher and more rigorous coursework."

HB 05-1057

Enacted in 2005, HB 05-1057 requires districts to provide to parents a list of courses the district has available that satisfy the CCHE's

Higher Education Admission Guidelines. The following Douglas County courses meet those criteria:

ENGLISH

50300 English I
50310 English I Honors
50330 English II
50340 English II Honors
50360 English III
50440 English IV
50442 10th Grade Am Lit
50375 Adv Jr English
50385 American Lit
50444 Amer Tapestry
50390 AP Lang & Comp
50400 AP Lit & Comp
50579 British Lit/Comp
50580 British Lit/Comp
50522 Coll Prep Rdg/Rs
50510 Coll Prep Wrtg
50620 Coll Read/Write
50461 Cont Lit/Comp
50475 Crt Wrt/Cont Lit
50470 Creative Wrtg
50430 Dramatic Lit
50560 Early Am Lit
50490 Elem of Wrtg
50910 Global Lit/Comp
50530 Grammar & Comp
50712 Humanities
50715 Humanities
50370 Jr. Pre-AP Eng
50455 Lit & Diversity
50669 Poetry Lit/Comp
50610 Sci Fi & Fantasy
50571 World Lit & Comp
50570 World Literature
70745 Literature of Film
70747 Lit of Film II
All IB English courses
50720 Comp Speech§
50725 Comp Speech§
50710 Debate§
50700 Public Speaking§

MATHEMATICS

60380 Alg I Pt. 1 (.5 only)
60385 Alg I Pt. 2 (.5 only)
60400 Algebra I
60410 Algebra II
60510 Algebra II
60590 Algebra II/Trig
60550 Algebra II Honors
60740 Algebra III
60625 AP Calculus AB
60617 AP Calculus AB-F
60626 AP Calculus AB-S
60650 AP Calculus BC
60653 AP Calculus BC-2
60801 AP Statistics
60525 App. Geometry ✓
60674 Calculus A
60675 Calculus A
60660 Calculus III
60570 College Algebra
60750 College Math
60800 Discrete Math
60475 Geometry
60450 Geometry Honors
60753 Honors PreCalc
60752 Hon Trig/PreCalc
60515 Int Algebra II H
60470 Int Math I
60480 Int Math II
60490 Int Math III
60610 PreCalculus
60684 Pre-IB/AP 9Math
60685 Pre-IB/AP 10Math
60775 Probability – Stats
60802 Statistics
60340 Top. Alg/Geo/Tr✓
60335 Topics Geo/Pro✓
60611 Trig/PreCalc
60600 Trigonometry
All IB Math courses

SCIENCE

80525 Anat/Phys 1
80526 Anat/Phys 2
80365 AP Biology
80400 AP Chemistry
80370 AP Env Science
80656 AP Physics I
80657 AP Physics II
80655 AP Physics C
80475 Aquatic Biology
80600 Astronomy
80555 Bacterio/Genet
80360 Applied Biology✓
80350 Biology
80356 Biology Honors
80510 Botany
80455 Chem Comm
80460 Chem Comm
80375 Chemistry
80385 Chemistry Honors
80325 Earth/Environ Science
80420 Forensic Science
80550 Genetics
80575 Geology
80624 Global Science
80625 Global Science
80650 Meteorology
80310 Phys Scien Prin ✓
80300 Physical Science
80315 Phys Science Hon
80430 Physics
80464 Physics, Concept.
80500 Zoology
80525 Human Anatomy/Physiology
80347 Intro to Biotech
80373 Organic Chemistry
All IB Science courses

SOCIAL SCIENCE

85780 American Issues
85325 Ancient Civ
85322 Ancient Civ Honors
85361 AP Econ Macro
85360 AP Econ Micro
85500 AP Euro History
85905 AP Human Geo
85760 AP Psychology
85720 AP U.S. Gov't
85625 AP U.S. History
85626 AP U.S. History
85731 Archaeology
85725 Colorado History
85745 Cont Wrlld Issues
85655 Early U.S. History
85868 Geog: Regional
85869 Geog: RegionalS2
85834 Geography
85865 Geography Global
85837 Geography Honors
85460 Hist of East Asia
85833 Hon/Pre-IB Geo
85880 Hon/Pre-IB US Hist
85882 Hon/Pre-IB W Hist
85875 Hum Geog & Fut
85350 Medieval History
85465 Mod Asian Hist
85375 Mod Euro Hist
85377 Mod Euro Hist
85380 Mod World Hist
85340 AP World History
85855 Political Geog
85302 Psychology
85410 Rise Nat St – Eng
85420 Rise Nat St – Ger
85430 Rise Nat St – Rus
85770 Sociology
85674 SocST: Conf/Chan
85700 U.S. Government
85650 US 1865 – Pres
85552 US 1865 – Pres H
85800 US Economics
85550 US Hist 1865-1945
85527 US Hist 1865 –Pres
85580 US Hist 1950/60s
85575 US Hist Since '45
85835 World Geography
85302 World History
85326 World Hist Hon
85300 World History I
85301 World History II
85870 World Religions

FOR LANG

95400 French I
95410 French II
95420 French III
95435 French IV
95436 French V
95440 AP French Lang
95490 AP French Lit
95500 German I
95510 German II
95520 German III
95541 German IV
95540 AP German Lang
95550 AP German Lit
95600 Spanish I
95610 Spanish II
95620 Spanish III
95631 Spanish IV
95660 Spanish V
95725 Spanish III Honors
95640 Spanish Lang
95685 AP Spanish Lit
95640 AP Spanish Lang
95730 Chinese I
95731 Chinese II
95732 Chinese III
95733 Chinese IV
95302 Amer Sign Lang II
95303 Amer Sign Lang III
95304 Amer Sign Lang IV
95750 Japanese I
95751 Japanese II
95752 Japanese III
95753 Japanese IV
95754 Japanese V
All IB Foreign Language

ENGLISH

50300 English I
50310 English I Honors
50330 English II
50340 English II Honors
50360 English III
50440 English IV
50442 10th Grade Am Lit
50375 Adv Jr English
50385 American Lit
50444 Amer Tapestry
50390 AP Lang & Comp
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60626 AP Calculus AB-S
60650 AP Calculus BC
60653 AP Calculus BC-2
60801 AP Statistics
60525 App. Geometry ✓
60674 Calculus A
60675 Calculus A
60660 Calculus III
60570 College Algebra
60750 College Math
60800 Discrete Math
60475 Geometry
60450 Geometry Honors
60753 Honors PreCalc
60752 Hon Trig/PreCalc
60515 Int Algebra II H
60470 Int Math I
60480 Int Math II

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80526 Anat/Phys 2
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80400 AP Chemistry
80370 AP Env Science
80656 AP Physics I
80657 AP Physics II
80655 AP Physics C
80475 Aquatic Biology
80600 Astronomy
80555 Bacterio/Genet
80360 Applied Biology✓
80350 Biology
80356 Biology Honors
80510 Botany
80455 Chem Comm
80460 Chem Comm
80375 Chemistry
80385 Chemistry Honors
80325 Earth/Environ Science
80420 Forensic Science
80550 Genetics
80575 Geology
80624 Global Science
80625 Global Science
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80310 Phys Scien Prin ✓
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85500 AP Euro History
85905 AP Human Geo
85760 AP Psychology
85720 AP U.S. Gov't
85625 AP U.S. History
85626 AP U.S. History
85731 Archaeology
85725 Colorado History
85745 Cont Wrlld Issues
85655 Early U.S. History
85868 Geog: Regional
85869 Geog: RegionalS2
85834 Geography
85865 Geography Global
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85460 Hist of East Asia
85833 Hon/Pre-IB Geo
85880 Hon/Pre-IB US Hist
85882 Hon/Pre-IB W Hist
85875 Hum Geog & Fut
85350 Medieval History
85465 Mod Asian Hist
85375 Mod Euro Hist

FOR LANG

95400 French I
95410 French II
95420 French III
95435 French IV
95436 French V
95440 AP French Lang
95490 AP French Lit
95500 German I
95510 German II
95520 German III
95541 German IV
95540 AP German Lang
95550 AP German Lit
95600 Spanish I
95610 Spanish II
95620 Spanish III
95631 Spanish IV
95660 Spanish V
95725 Spanish III Honors
95640 Spanish Lang
95685 AP Spanish Lit
95640 AP Spanish Lang
95730 Chinese I
95731 Chinese II
95732 Chinese III
95733 Chinese IV
95302 Amer Sign Lang II
95303 Amer Sign Lang III

50455 Lit & Diversity
50669 Poetry Lit/Comp
50610 Sci Fi & Fantasy
50571 World Lit & Comp
50570 World Literature
70745 Literature of Film
70747 Lit of Film II
All IB English courses
50720 Comp Speech§
50725 Comp Speech§
50710 Debate§
50700 Public Speaking§

60490 Int Math III
60610 PreCalculus
60684 Pre-IB/AP 9Math
60685 Pre-IB/AP 10Math
60775 Probability – Stats
60802 Statistics
60340 Top. Alg/Geo/Tr✓
60335 Topics Geo/Pro✓
60611 Trig/PreCalc
60600 Trigonometry
All IB Math courses

80315 Phys Science Hon
80430 Physics
80464 Physics, Concept.
80500 Zoology
80525 Human Anatomy/Physiology
80347 Intro to Biotech
80373 Organic Chemistry
All IB Science courses

85377 Mod Euro Hist
85380 Mod World Hist
85340 AP World History
85855 Political Geog
85750 Psychology
85410 Rise Nat St – Eng
85420 Rise Nat St – Ger
85430 Rise Nat St – Rus
85770 Sociology
85674 SocST: Conf/Chan
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85650 US 1865 – Pres
85552 US 1865 – Pres H
85800 US Economics
85550 US Hist 1865-1945
85527 US Hist 1865 –Pres
85580 US Hist 1950/60s
85575 US Hist Since '45
85835 World Geography
85302 World History
85326 World Hist Hon
85300 World History I
85301 World History II
85870 World Religions
All IB Social Studies

95304 Amer Sign Lang IV
95750 Japanese I
95751 Japanese II
95752 Japanese III
95753 Japanese IV
95754 Japanese V
All IB Foreign Language

Colleges and
universities may
have institutional
admissions
requirements that
go beyond these
course requirements.
Work closely with the

ENGLISH NOTES:

§ They also meet Higher Education Admission Requirements under English as long as students also acquire at least two of the required four units through coursework emphasizing writing, grammar, and composition skills.

MATH NOTES:

✓ When this course is taken as part of a logical sequence leading to higher and more rigorous college-preparatory coursework (e.g. when Applied Geometry leads to Algebra II), it may be interpreted at certain institutions as meeting the requirements. When Algebra I content is extended beyond one year (e.g. Algebra I, Part 1 and Algebra I, Part 2), only one Carnegie unit of the pre-collegiate requirements is met.

SCIENCE NOTES:

✓ When this course is taken as part of a logical sequence leading to higher and more rigorous college-preparatory coursework (e.g. when Principles of Physical Science and Applied Biology lead to Chem Comm and Conceptual Physics or Chemistry), it may be interpreted at certain institutions as meeting the requirements.

When a student's transcript shows that this course follows (but does not substitute for) prerequisites like Physical Science, Biology, and/or Chemistry, it may be interpreted as meeting the requirements.

FREQUENTLY ASKED QUESTIONS

Q: Will completion of the pre-collegiate course requirement as part of finishing my high school requirements guarantee my admission to a four-year college or university in Colorado?

A: No. The pre-collegiate course requirement is an addition to the CCHE Admissions Standards Policy for public higher education institutions. All four-year public institutions in Colorado have selective admission requirements articulated in the Admissions Standards Policy. Colleges and universities may have institutional admissions requirements that go beyond the pre-collegiate courses and the selective admissions standards established for each institution. Students are advised to work closely with the admissions staff at the college/university of choice for complete information about admission requirements. Keep in mind that all two-year colleges in Colorado have open admissions policies. The pre-collegiate admissions requirements do not apply to students entering a community college.

Q: I have a disability. Will I have to complete the pre-collegiate Admissions Requirements?

A: Yes. The pre-collegiate course requirements and the selective admissions standards will be factors in the admission decision for all students, even if an identified disability has resulted in a modified high school curriculum. In accordance with Section 504 of the Rehabilitation Act of 1973 (Section 504) and Title II of the Americans with Disabilities Act of 1990 (Title II), Colorado's collegiate institutions do not discriminate on the basis of the presence of a disability. However, to qualify for academic accommodations at a postsecondary institution, students with disabilities must first meet the institution's "essential admissions requirements." The pre-collegiate curriculum constitutes an essential admission requirement. For more information about the federal guidelines regarding students with disabilities in the college/university setting, go to <http://www.ed.gov/about/offices/list/ocr/transition.html>.

Q: Who do I contact if I'm unsure if a course will fulfill a pre-collegiate requirement?

A: Contact the counseling office at your school for specific course advice. Also check the CCHE website periodically for an expanded list of courses that will meet the pre-collegiate criteria.

Q: What are some other things I should do while I'm in high school to prepare me for college?

A: Do your best in your classes. Keep in mind that most colleges give preference to students who challenge themselves throughout high school over those who take easier classes and get a higher grade point average. Explore whether you want to take Advanced Placement courses. You may also want to enroll for dual credit classes that allow you to earn college credit while in high school through the Post-Secondary Enrollment Options Program. Your school counselor can provide you with details on each of these opportunities. Get involved in activities such as clubs, music, sports, and/or volunteer work. When you have an opportunity, try some leadership roles in these activities.

Douglas County School District
Graduation Requirements for Graduates

From the Board of Education policy IKF.

To receive a diploma and graduate from a Douglas County high school, a student must earn a minimum of 24 credits. One credit (1.0) is equal to one course lasting the full year. One-half credit (0.5) is equal to one course lasting one-half year.

The 24 credits must include the following 16.0 core courses:

Language Arts	4.0	Four English credits.*
Social Studies	3.0	Three Social Studies credits.* The required credits for RCHS include: 1.0 credit of American History, 0.5 credit of World History, 0.5 credit of Geography, 0.5 credit of U.S. Government, and 0.5 credit of Economics.
Mathematics	3.0	Three Math credits, one of which must be Algebra I or a higher level of math. The district Algebra I end-of-course exam is a part of the final Algebra I grade.*
Science	3.0	Three Science credits.*
Practical Arts	1.0	Practical Arts courses are found in the subject area of Computer Science, Technology, and Business; Newspaper and Yearbook; Levels III, IV, V of World Languages; Health; Intro to Biotechnology; and Career and Technical Education courses.
Fine Arts	1.0	Fine arts courses are found in the subject areas of Art; Level III, IV, V of World Languages; Music (instrumental or vocal); and Theater Arts.
Physical Education	1.0	0.5 credit of Health can be used to meet one-half of this requirement.
(Subtotal Core Credits)	16.0	
Elective Credits	8.0	General Elective Credits
Minimum total credits	24.0	

- Document a minimum of 20 hours of community service while enrolled as a high school student.

* To earn credit in a class, students must demonstrate proficiency on the Content Standards embedded in the course. Documentation that these standards have been achieved will be through teacher judgment based on District assessments, end-of-course tests or other measurements as well as meeting other stipulated course expectations. Students who do not achieve these standards will be enrolled in courses or programs as prescribed by the school principal and faculty.

- Graduation Requirements for the Class of 2021 and Beyond
 - Earn 24 Credits: 16 credits in the following CORE Curricular Areas as follows:
 - i. Language arts 4.0
 - j. Mathematics 3.0*
 - k. Science 3.0
 - l. Social Studies 3.0**
 - m. Practical Arts 1.0
 - n. Fine Arts 1.0
 - o. Physical Education 1.0

*At least one of the three credits of mathematics must include Algebra

**At least 0.5 credits must include Civics/US Government

p. 8 Credits in Electives Board Policy IKF—Graduation Requirements

- Perform Community Service: Students must document a minimum of twenty hours of community service while enrolled as a high school student. Board Policy IKF—Graduation Requirements
- Demonstrate competence in English and Math: Finally, students must demonstrate college and career readiness in both Mathematics and English by meeting or exceeding the required level of readiness in one of the following methods:

	ENGLISH	MATH
Accuplacer	62 on Reading Comprehension or 70 on Sentence Skills	61
ACT	18	19
ACT WorkKeys	Bronze+	Bronze+
Advanced Placement	2	2
(ASVAB)	31	31
Concurrent Enrollment	Passing Grade	Passing Grade
International Baccalaureate	4	4
SAT	470	500
District Capstone	Individualized	Individualized
Industry Certificate	Individualized	Individualized

Superintendent File: IKF-R-3-Graduation Competencies

NCAA

To register for NCAA Division I and Division II:

Refer to the NCAA website at www.eligibilitycenter.org

4. Create an Account or log-in
5. Rock Canyon's High School Code is 060748 and is listed under Lone Tree.
6. Please complete your registration after junior year is complete by requesting an official transcript to be sent to the NCAA (Division I and II). The student will fill out the Transcript Request form in the Counseling Office.

The following steps should be completed:

- 4) Put the NCAA Eligibility Center in Naviance's "colleges I'm applying to" section
- 5) Submit a Transcript Request Form to the Counseling/Post Grad Center
- 6) Submit your ACT/SAT test scores via ACT.org or Collegeboard.com (test code: 9999)





THE ADVANCED PLACEMENT PROGRAM

Advanced Placement (AP) is a program of college-level courses and exams that gives high school students the opportunity to earn credit, advanced placement, or both for college while still in high school. AP classes are the most rigorous courses offered at Rock Canyon HS and will receive a weighted grade for grades of "C" or better.

Open Enrollment Framework

Rock Canyon believes all students benefit from the rigor of an AP course and thus maintains an open enrollment policy. There are a few qualifying factors to ensure proper placement when a student enrolls in an AP course. Check the description of each AP course for which ones apply.

- Teacher Conference – Students are strongly encouraged to discuss plans with a current teacher in the same content area.
- Prerequisites – some AP courses require the successful completion of an appropriate foundational class. (Example: completion of Spanish IV before enrollment in AP Spanish).
- Proficiencies – many of the academic departments suggest minimum proficiencies from prerequisite courses or standardized exams (Example – completion of Algebra II/Trig with a recommended "B" or higher when enrolling in AP Statistics).

Stipulations of Taking AP Course Work

A student enrolled in an AP course is choosing a curriculum that goes beyond the basic high school graduation requirements. The pacing, difficulty, skill development, and content of such courses revolve around the expectation of student completion of the College Board AP Exam in May. With this understanding comes the commitment to a year-long course that demands some of the following elements from its participants.

- Course Registration Contract – every student who signs up for one or more AP courses will be required to have a signed contract that confirms their understanding of the commitment to the course and academic rigor.
- Examination – RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. There is a cost of *\$99 for each AP exam taken. *Subject to change with College Board cost increases. This charge, per AP course, will be included in the student fees at the beginning of the school year.
- Fees & materials – there are additional costs accrued for participation in several AP courses. Many courses request that students purchase their textbook in the summer prior to the beginning of the school year so they can be highlighted and written in. Other AP classes may have additional materials such as workbooks or lab fees.
- Time commitment – weekends, long breaks, and "Access" time will systematically be used to stay on schedule with content information. Students can expect daily homework commensurate with the time frame. Additionally, courses have the ability to assign summer work to be completed before the start of the school year.
- Drop Policy – AP courses are yearlong commitments. All drop requests are reviewed by a school administrator. Students should be aware that, due to teachers' schedules and classrooms being close to or at their maximum, AP course drops to a regular level course are very difficult to accommodate.

Weighting of Grades of AP Courses

- All AP courses are weighted. (A= 5.0, B= 4.0, C=3.0, D=1.0, F=0.0)
- All Rock Canyon students take the AP exam(s) in May for every AP course in which they are enrolled during the school year. In most cases it is considered the final exam for the course.
- If a student drops an AP course at semester, the weight for the first semester will remain on the transcript.

Advantages of Taking AP Course Work

- AP courses and exams represent the beginning of the journey through college-level academic challenges.
- Collegiate institutions recognize that applicants with AP experience are much better prepared for the demands of college courses.
- Tuition savings are realized for students whose AP performance earns them college credit.
- Earning AP credit allows students to move into upper-level courses in their field of interest by exempting them from required introduction courses. In addition, students have the opportunity of completing their degree early.
- More than 1,400 collegiate institutions award a full year's credit (Sophomore Standing) to students presenting satisfactory grades on a specific number of AP Exams.
- Gaining credit or advanced standing in college can give you time for other interests: time abroad, extra classes, independent studies, and internships.
- Weighted GPA
- AP students are eligible for honors and other special programs in college.

AP Scholar Awards

Each year, the College Board recognizes high school students who have demonstrated college-level achievement through multiple AP courses and exams. Some of the awards and their requirements are as follows:

- AP Scholar: Granted to students who earned scores of 3 or higher on three or more AP Exams.
- AP Scholar with Honor: Granted to students who earned an average grade of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.
- AP Scholar with Distinction: Granted to students who earned an average grade of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

AP Courses Offered at RCHS:

AP Language and Composition
AP Human Geography
AP Literature and Composition
AP Psychology
AP European History
AP Statistics
AP World History
AP Calculus AB
AP U.S. History
AP Calculus BC
AP Microeconomics

AP French Language
AP Physics C
AP Chinese (Mandarin)
AP Computer Science A
AP Music Theory
AP Computer Science Principles
AP Studio Art: 3D Design (Ceramics)
AP Seminar
AP Research
AP Studio Art: 2D Design (Drawing)
AP Studio Art: 3D Design (Sculpture)
AP Studio Art: 2D Design (Graphic Design)

AP Studio Art: 2D Design (Photography)

Source: AP Bulletin for Students and Parents published by the College Board.

RCHS Advanced Placement Enrollment Contract

***To be completed by any student seeking to register for an AP course.**

As a student enrolling in an AP course you are choosing a curriculum that goes beyond the basic high school graduation requirements. The pacing, difficulty, skill development, and content of such courses revolve around the expectation of student completion of the College Board AP Exam in May. It is with this understanding that you are making a commitment to a year-long course that demands some of the following elements from its participants:

1. Time Commitment – weekends, long breaks, and “Access time” will systematically be used to stay on schedule with content information. Expect daily homework commensurate with the time frame.
2. Participation – means being prepared along with displaying a willingness to actively take part in classroom discussions, simulations, and group work.
3. Work Ethic – those who are willing to use the best of their abilities to stay on course will find success. Anyone who lacks the discipline to meet the rigorous demands these courses present may encounter trouble.
4. Summers – courses have the ability to assign summer work to be completed before the start of the school year.
5. Examination – RCHS students are expected to take the AP exam, and it is a major focus of the course content and instruction. It also often serves as a final exam for the course. There is a cost of *\$94 for each AP exam taken. *Subject to change with College Board cost increases.
6. GPA-students will only receive a weighted grade if they receive a “C” or higher in the AP course AND take the AP exam in May
7. Fees & Materials – there are additional costs accrued for participation in several AP courses. Many courses request that students purchase their textbook so they can be highlighted and written in. Other AP classes may have additional materials such as workbooks or lab fees.

Student and Teacher: Signed Statement of Participation

By signing on the line below you are in agreement with the guidelines set forth by the RCHS academic departments, school administration, and counseling department for enrollment and participation in an Advanced Placement course. Please initial next to each below, indicating your understanding.

- I have read the above outline and understand the obligations required in a typical AP course environment. _____
- I forego the immediate availability of dropping into a standard level course during the school year. _____
- I recognize the type of academic rigor associated with an AP course offering. _____
- I expect to be challenged and experience learning that prepares one for higher levels of education. _____
- I understand that I will only get a weighted grade if I get a “C” or higher in the course AND take the AP exam in May. _____

Student: please fill in everything below, listing every AP Course you are registering for. You may obtain the teacher signature from either your current teacher in that subject area or from the AP teacher of the course(s) you have listed. When complete, please turn in to your counselor.

STUDENT NAME (PRINT) _____ GRAD YEAR _____

Course _____ Current Teacher _____

Course _____ Current Teacher _____

Course _____ Current Teacher _____

Course _____ Current Teacher _____

Course _____ Current Teacher _____

Course _____ Current Teacher _____

Student Signature _____ Date _____

Parent Signature _____ Date _____

[Download AP Contract for Printing](#)

AP Course Offerings For RCHS

Art

AP STUDIO ART: 3D ART AND DESIGN CERAMICS		Course #	Credit	Level	Prerequisites/Skill	CCHE	Fee
		15479S1 15479S2	1.0	11-12	<i>"C" or better in Successful completions of Ceramics III Creativity and work ethic (senior) or Ceramics IV (junior or senior) with a "B" or better.</i>	No	\$80 Course Fee \$99.00 AP Exam Fee
<p>Meets Graduation Requirements in:</p> <p>FINE ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Sculpture Ceramics. This course is designed for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board’s criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures the student’s engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, and Revision, along with Communication and Reflection.</p> <p>Skills: Creativity and work ethic</p>					
AP STUDIO ART: 2D DRAWING		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15476(S1) 15476(S2)	1.0	11-12	<i>Prerequisites: /Skill: Successful completion of Drawing and Painting III (senior) or Drawing and Painting IV (junior or senior) with a "B" or better.</i>	No	\$80 Course Fee \$99.00 AP Exam Fee
<p>Meets Graduation Requirements in:</p> <p>FINE ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Drawing and Painting. This course is designed for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board’s criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures the student’s engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, and Revision, along with Communication and Reflection.</p> <p>Skills: Self discipline</p>					

AP STUDIO ART: 2D GRAPHIC DESIGN	Course #	Credit	Level	Prerequisites/Skill	CCHE	Fee
	15477S1 15477S2	1.0	11-12	Successful completion of <i>Graphic Design III (senior) or Graphic Design IV (junior or senior) with a "B" or better Self-discipline. Self-discipline.</i>	No	\$80 Course Fee \$99.00 AP Exam Fee
<p>Meets Graduation Requirements in:</p> <p>FINE ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Graphic Design. This course is designed for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board’s criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures the student’s engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, and Revision, along with Communication and Reflection.</p> <p>Skills: Self discipline</p>					

AP STUDIO ART: PHOTOGRAPHY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15478S1 15478S2	1.0	11-12	Successful completion of <i>Photography III (senior) or Photography IV (junior or senior) with a "B" or better.</i>	No	\$80 Course Fee \$99.00 AP Exam Fee
<p>Meets Graduation Requirements in:</p> <p>FINE ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Photography as a 2D Fine Art medium. This course is for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board's criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for Scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures students' engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, Revision, Communication, and Reflection.</p>					

COMPUTER SCIENCE

AP COMPUTER SCIENCE PRINCIPLES		Course #	Credit	Level	Prerequisite	CCHE	Fee
		30506S1 30506S2	0.5 0.5	10-12	<i>Intro to Computer Science</i>	No	\$99.00 cost for AP Exam
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This yearlong course AP Computer Science Principles course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. This course will help students prepare to be successful on the AP Computer Science Principles assessments which consist of two parts: completion of through-course performance tasks and the end-of-course AP Exam. Skills: Students must have knowledge of basic algebra and experience in problem solving.</p> <p>Recommended purchase of a class textbook.</p>					
AP COMPUTER SCIENCE A		Course #	Credit	Level	Prerequisite	CCHE	Fee
		30505S1 30505S2	1.0	10-12	<i>Computer Science Principles Students must have knowledge in basic algebra and experience in problem solving. & Basic Algebra "C" or better in Introduction and</i>	N/A	\$99.00 cost for AP Exam
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This yearlong course emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a Computer Science I & II college course. It also includes the study of data structures, logical expressions, class design, input/output operations, and abstraction. Instruction includes preparation for the AP Computer Science A Exam. RCHS students are expected to take the AP exam, and it is a major focus of the course content and instruction. This course requires intensive computer work inside and outside of class. Students are committed to AP classes for the entire school year and cannot change classes at semester. Skills: Students must have knowledge of basic algebra and experience in problem solving.</p> <p>Recommended purchase of a class textbook.</p>					

ENGLISH

AP LANGUAGE & COMPOSITION	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	50390S1 50390S2	1.0	11	<i>Teacher's Recommendation Application & "B" or better in high school English courses.</i>	Yes	\$99 for cost of AP Exam plus recommended purchase of a class textbook (approximately \$60)
<p>This college-level, yearlong writing course prepares students for the Advanced Placement Language and Composition exam in May, through the study of rhetorical modes, from argument to analysis to expository essays. The writing is done using a process approach as well as a large number of timed, in-class essays. The class emphasizes college-level reading and writing experiences, including researched arguments. RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. Time: We read approximately two longer works (novel, play or nonfiction piece) per semester, as well as numerous shorter essays and excerpts each week. Students should expect to write an average of two essays per week. Reading often extends over holiday breaks, and students must be comfortable with a serious workload. Skills: Students must be proficient in all Language Arts Standards.</p> <p>Students must be proficient in all Language Arts Standards. Students complete summer reading of at least two books.</p>						
AP LITERATURE & COMPOSITION	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	50400S1 50400S2	1.0	12	<i>Teacher's Recommendation Application & "B" or better in high school English courses.</i>	Yes	\$99 for cost of AP Exam Recommended purchase of books that the class is using
<p>This accelerated, yearlong course prepares students for the AP Literature and Composition exam by focusing on reading and analysis of literature. Students use both a writing-process approach and a timed-writing approach in order to build fluency, control, and effectiveness in their writing. RCHS students are strongly encouraged to take the AP exam, which is a major focus of the course content and instruction. The approximate time commitment is usually two novels or plays each semester with a concurrent writing load. Additionally, students will complete summer reading of at least two books . . . Time management should not be an issue and . . . Skills: Students must be proficient in all Language Arts Standards. Students must be proficient in all Language Standards students should know how to manage a workload. Students must be proficient in all Language Standards. Students are committed to AP classes for the entire school year and cannot change classes at Complete summer reading of at least two books.</p> <p>Time: the semester. .</p>						

MATHEMATICS

	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>AP STATISTICS</p> <p>60801S1 60801S2</p> <p>1.0</p> <p>11-12</p> <p><i>Algebra II/Trig</i> <i>Students must achieve an 90% or higher in Algebra II/Trig or College Algebra semester 1 to register for this course and maintain respective percentages or better through semester 2. A strong language arts grade is recommended.</i></p> <p>Yes</p> <p>\$99 for cost of AP Exam. Students are required to have a graphing calculator with statistical capabilities.</p>	<p>Advanced Placement Statistics is a college-level course designed to 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; (Observing patterns and departures from patterns), Planning a Study; (Deciding what and how to measure), Anticipating Patterns; (Producing models using probability and simulation,) and Statistical Inference; (Estimating parameters and testing hypotheses). RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester.</p> <p>isSkills: Students should have successfully completed Algebra II/Trig. Students must be willing to commit to 30-40 minutes of study per night. Students must access class websites on a regular basis to view assignments, supplemental websites and course materials.</p>					
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Course #</p> <p>Credit</p> <p>Level</p> <p>Prerequisite</p> <p>CCHE</p> <p>Fee</p>					
<p>AP CALCULUS AB</p> <p>60625S1 60625S2</p> <p>1.0</p> <p>10-12</p> <p><i>Trig Pre/Calc or Honors Trig Pre/Calc</i> <i>Students must achieve an 80% or better at the end of both semesters of Trig/Pre must achieve an 80% or better at the end of both semesters of Trig/Pre Calculus to register for this course.</i></p> <p>Yes</p> <p>\$99 for the AP Calculus AB exam. Recommended that students purchase a graphing calculator.</p>	<p>This is a rigorous advanced placement course for highly motivated students. This course is a comprehensive study of 1st semester college Calculus, including the study of derivatives, integrals, and their applications. Students will be prepared to sit for the AP Calculus AB exam, which allows for the student to test out of one semester of college Calculus. Students need to have a solid foundation in all levels of mathematics, from Algebra 1 to Pre-Calculus. RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester.</p> <p>Time: Skills: Students need to have a complete and comprehensive understanding of all math skills from Algebra 1 to Pre-Calculus.</p>					
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>						

AP CALCULUS BC	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60650S1 60650S2	1.0	10-12	<i>Honors Trig Pre/Calc or AP Calc AB Students must achieve an 85% or better at the end of both semesters of Honors Trig/Pre Calculus or an 80% or better at the end of both semesters of AP Calculus AB to register for this course.</i>	Yes	\$99 for cost of AP Exam. Students are required to have a graphing calculator.
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>AP Calculus BC is a college level course covering limits, derivatives, integrals, infinite series, and the calculus of parametric and polar equations. Extensive use of graphing calculator technology. Students are expected to enter the course with knowledge of algebra, geometry, trigonometry, analytic geometry, and elementary functions. After completing this course, students should be able to work with functions represented in a variety of ways (graphical, numerical, analytical, and verbal), and understand the connections among these representations. The objectives of this course are to cultivate a basic understanding of the concepts of calculus, to provide experience in the use of calculus methods, and to show how calculus methods may be applied to practical applications. RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester.</p>					

MUSIC

AP MUSIC THEORY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70659S1 70659S2	1.0	10-12	<i>Formal music instruction for a minimum of 4 years</i>	No	\$99.00 cost for AP exam. Purchase of textbook/ workbook (approx. \$120.00).
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>	<p><u>Prerequisite: Student must have at least 4 years of music/instrument study.</u></p> <p>The AP Music Theory course is designed for students who are passionate about music, and who participate in formal music instruction, such as choir, orchestra, band, or private music lessons. The class is equivalent to one year of college level music theory. This music theory course develops a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a piece of music. AP Music Theory will foster fluency in sight-singing, music dictation, listening, analyzing, discussing and describing, and composing music through study of music pre-1750. Building on this foundation, the course will progress to include more creative tasks, such as harmonizing a melody, composing and analyzing two-voice and four-voice counterpoint, and realizing figured-bass notation.</p>					

SCIENCE

	Course #	Credit	Level	PrerequisiteS	CCHE	Fee
AP BIOLOGY	80365S1	1.0	11-12	<i>Teacher's Recommendation: Completion of Biology and Chemistry Current Science Teacher Signature , Completion of Biology and Chemistry ("C" or higher in both).</i>	Yes	\$99.00 for cost of AP Exam. \$15.00 for lab supplies. Purchase of textbook and review guide.
	80365S2					
<p>Meets Graduation Requirements in: Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course is designed to be comparable to a first year college Biology course. Topics include: biochemistry, cell biology, genetics, cell communication, gene expressions, evolution and ecology. RCHS students are strongly encouraged to take the AP exam and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. Time involved is approximately 3-5 hours per week to complete notes, labs, and review outside of class. Skills: Students should have successfully completed both Biology and Chemistry transcribed classes, have a strong work ethic, scientific reading, and critical thinking skills. A summer assignment is assigned and due the first day of class.</p>					

	Course #	Credit	Level	PrerequisiteS	CCHE	FeCCHeE
AP CHEMISTRY	80400S1	1.0	11-12	<i>Teacher's Recommendation: Completion of Chemistry Current Science Teacher Signature. Completion of Chemistry (recommended "B" or higher).</i>	Yes	\$99.00 cost for AP Exam. \$25 for lab supplies.
	80400S2					
<p>Meets Graduation Requirements in: Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course is designed to be the equivalent of a first year college Chemistry course. Topics that will be covered in depth are: stoichiometry, bonding, kinetics, gasses, equilibrium, acids & bases, thermochemistry, electrochemistry, and nuclear chemistry. Students are expected to take the AP exam and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. Students should commit to approximately 6 hours a week to homework and lab write-ups. Students should also expect to spend approximately 0.5-1 hours outside of class each week in problem solving sessions either with other students or with the instructor. Skills: Students will be developing higher order abstract reasoning and problem-solving skills. Students must be able to persevere through difficult problems and seek assistance often. This requires a mature work ethic, scientific reading, writing and computational (Algebra II/Trig) skills and a comprehensive understanding of the chemistry concepts covered in the first-year class. Students are required to complete a summer assignment that is a review of first-year chemistry concepts. These concepts include: nomenclature, equation balancing and types, stoichiometry, and gas laws. Students are also expected to participate in extra study sessions and practice exams in the month prior to the AP Exam in May.</p>					

AP ENVIRONMENTAL SCIENCE		Course #	Credit	Level	PrerequisiteS	CCHE	Fee
		80370S1 80370S2	1.0	10-12	<i>Teacher's Recommendation Current SSscience TTteacher SSsignature. ; Completion of Honors or General Biology, completed/concurrently enrollment in chemistry or have completed a Chemistry course.</i>	Yes	\$99.00 cost for AP Exam. \$5.00 for lab supplies, \$15 for online resources. Purchase of a textbook.
<p>Meets Graduation Requirements in: Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This yearlong course is designed to be the equivalent of a one-semester introductory college course in Environmental Science and is the only AP Science class open to sophomores, juniors and seniors. This is an interdisciplinary course that includes the subjects of biology, chemistry, earth science, and geography. RCHS students are expected to take the AP exam. Thus, preparing for the exam and learning how to study for a college class is a major focus of the course content and instruction.</p> <p>Purchase of AP Environmental Science textbook. Environmental Science for the AP Course 3rd Edition. Friedland and Reya Students are expected to spend a minimum of 2-3 hours a week outside of class working on course content. This includes reading one chapter from the textbook each week, labs, preparation for tests, and working within a study group. Students must also access the instructor's Canvas Site weekly for assignments and calendar planning.</p> <p>Skills: Students should have successfully completed a Biology course concurrently enrolled in or have completed a Chemistry course. Organization and critical thinking and study skills will be developed in this class. Students will need to purchase the book and complete the summer assignment, which is due the first day of class.</p>					

AP PHYSICS I / AP PHYSICS II		Course #	Credit	Level	PrerequisiteS	CCHE	Fee
		80656 80657	S1 & S2 1.0 / S1 & S2 1.0 (2.0)	11-12	<i>Teacher's Recommendation Current Science Teacher Signature, completion of Chemistry, and concurrent enrollment in Honors Trig/Pre-Calculus.</i>	Yes	\$99.00 cost for each AP Exam. \$45.00 cost for supplies/online homework service (fee subject to change).
<p>Meets Graduation Requirements in: Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>AP Physics I is an Algebra/Trig based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, and conservation. Including: Mechanics (Kinematics, Forces, Energy, Momentum) and Fluids.</p> <p>AP Physics II is an Algebra/Trig based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. Including: Light, Optics, Sound, Waves, Thermodynamics, Electricity, Magnetism, and Nuclear Topics.</p> <p>This course meets everyday meaning it takes 2 course spots in a student's schedule. These courses provide a good foundation for students going into life sciences, pre-medicine, other applied sciences as well as other fields outside of science. Students are committed to AP classes for the entire school year and cannot change at semester. This course has a summer assignment as well as self-study information over winter break and spring break. Textbook: Physics 6th Ed by Giancoli.</p>					

	Course #	Credit	Level	Prerequisite	CCHE	Fee
AP PHYSICS C: MECHANICS	80655S1	1.0	12	<i>Teacher's Recommendation Current Science Teacher Signature, Completion of Physics (recommended "C" or higher), Honors Physics or AP Physics I & AP Physics II, and Concurrent enrollment in AP Calculus AB or BC.</i>	Yes	\$99.00 cost for AP Exam. \$22.00 for lab supplies/online homework service (fee subject to change)
	80655S2					
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	AP Physics C: Mechanics is a calculus-based physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like change, force interactions, fields and conservation. Including: Kinematics, Forces, Energy, Momentum, Rotation, Simple Harmonic Motion, Gravitation, Torque. Textbook: Fundamentals of Physics 7th Ed by Halliday, Resnick, Walker.					

SOCIAL STUDIES

	Course #	Credit	Level	Prerequisite	CCHE	Fee
AP COMPARATIVE GOVERNMENT	857203	0.5	11-12	<i>None</i>	Yes	Fees: \$99 for cost of AP Exam. Recommended purchase of a textbook. Supplemental text may also be used as part of this course.
	<p>This course is offered in the Spring and introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. Topics covered will include: an introduction to comparative politics; sovereignty, authority, and power; political institutions; citizens, society, and the state; political and economic change; and public policy. There are no prerequisite courses for AP Comparative Government and Politics. Students should be able to read a college level textbook and write grammatically correct, complete sentences. Although not required, prior experience studying U.S. Government will be beneficial in this course. This course does not fulfill the social studies requirement for U.S. Government, but rather counts toward elective credit in social studies.</p> <p>Recommended purchase of a textbook.</p> <p>Supplemental text may also be used as part of this course. The Free Response Question skills are the same for AP U.S. Government and AP Comparative Government.</p>					
Meets Graduation Requirements in: Social Studies Elective <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.						

AP EUROPEAN HISTORY		Course #	Credit	Level	PrerequisiteS	CCHE	Fee
		85500(S1) 85500(S2)	1.0	10-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>AP European History is a college prep course that provides students with an academic experience equivalent to a college level freshman survey of western history. This course examines European history from the time of the Renaissance and Reformation up to the present day. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. The amount of class participation is higher than in most regular classes. There are additional study sessions leading to the AP Exam. Students are expected to be able to participate in class discussions daily, as well as actively participate in historical simulations throughout the year. Students are required to complete a summer assignment. Year-long course: 1.0 credit (0.5 World History, 0.5 Elective Credit).</p>					
AP HUMAN GEOGRAPHY		Course #	Credit	Level	Prerequisites	CCHE	Fee
		85905(S1) 85905(S2)	1.0	9-12	Current Social Studies Teacher SignaturNone	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>AP Human Geography is a college prep course that provides students with an academic experience equivalent to a college level freshman course. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Concepts to be explored will include: patterns of human settlement, especially urbanization, the economic uses of the earth, political organizations of space, patterns of language, religion, other cultural traits around the globe, and the dynamics of human population growth and movement. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester.</p>					

AP MACROECONOMICS	Course #	Credit	Level	Prerequisites	CCHE	Fee
	85631	.5	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course will be offered in the Spring. Advanced Placement Economics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. Macroeconomics emphasizes basic economic concepts; measurements of economic indicators and stabilization policies; economic growth and productivity; and international trade and finance. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students should expect, on average, 30 minutes of concentrated reading and note taking, usually 3 nights per week, and 30 minutes of problem solving 1-2 days a week. Unit and Final exams will cover multiple chapters and significant amounts of material, requiring several days. Mathematical reasoning, reading comprehension and work ethic are the most important skills for this class. Students are expected to take lecture and reading notes, participate actively in class discussions, and be accustomed to a quicker pace than normal. There is a degree of overlap between the Micro and Macro courses. Either AP Micro or Macro will satisfy the economics graduation requirement for DCSD. However, many universities require both.</p>					

AP MICROECONOMICS	Course #	Credit	Level	Prerequisites	CCHE	Fee
	85630	.5	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course will be offered in the Fall. Advanced Placement Economics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. Microeconomics emphasizes basic economic concepts; the nature and function of product markets; factor markets; and market failure and the role of government. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students should expect, on average, 30 minutes of concentrated reading and note taking, usually 3 nights per week, and 30 minutes of problem solving 1-2 days a week. Unit and Final exams will cover multiple chapters and significant amounts of material, requiring several days. Mathematical reasoning, reading comprehension and work ethic are the most important skills for this class. Students are expected to take lecture and reading notes, participate actively in class discussions, and be accustomed to a quicker pace than normal. There is a degree of overlap between the Micro and Macro courses. Either AP Micro or Macro will satisfy the economics graduation requirement for DCSD. However, many universities require both.</p>					

AP PSYCHOLOGY	Course #	Credit	Level	Prerequisites	CCHE	Fee
	85760S1 85760S2	1.0	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook and supplementary text.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course is designed to be comparable to a first year college course in Introduction to Psychology. Topics covered include: brain structure and function, history of psychology, research methods, abnormal psychology and treatment methods, altered states of consciousness, child development, learning, memory, personality and social psychology. It is the expectation of the RCHS Social Studies Department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes and cannot change classes at semester. Students can expect Nightly reading and unit journal assignments, work over weekends and breaks, quizzes, projects, unit and final assessments. Study skills are a must. In addition, writing is a major part of the course and the ability to read critically and summarize data is necessary. Participation in class discussion and debate is also a major part of the course.</p>					

AP U.S. GOVERNMENT	Course #	Credit	Level	Prerequisites	CCHE	Fee
	85720(S1)	.5	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course is offered in the Fall and provides students with an analytical perspective on government and politics in the United States. It involves the study of general concepts used to interpret U.S. institutions, groups' beliefs and ideas that constitute U.S. politics. This is a college level course with potential for college credit, thus extensive college level reading and writing is required. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction.. An interest in politics, reading comprehension and work ethic are the most important skills for this class. Students will be expected to maintain an ongoing knowledge of current events and present a debate to the class covering one topic in American government. Historically, given that AP Government is offered in the fall and the AP exam is not until May, students who are also taking AP Comparative Government in the spring are able to draw larger connections within the 2 courses and are able to do more frequent review of and preparation for both AP eExams. The Free Response Questions skills are the same for both AP U.S. Government and AP Comparative Government.</p>					

AP U. S. HISTORY		Course #	Credit	Level	Prerequisites	CCHE	Fee
		85625S1 85625S2	1.0	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>Advanced Placement United States History is a chronological survey course covering the period from Colonial America (1607) to contemporary America (1990's). The Advanced Placement program in United States History is designed to provide you with analytic skills and factual knowledge to deal critically with the problems and issues in United States History. The course prepares students for intermediate and advanced college courses by making demands on you equivalent to those made by a full year introductory college course. Students will learn to assess historical materials; their relevance to a given interpretive problem, their reliability, and their importance. Students will also be prepared to weigh the evidence and interpretations presented in historical scholarship. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes and cannot change classes at semester. Time expectation is 4 - 6 hours per week to complete reading notes, and vocabulary terms. Assignments are laid out one month in advance and quizzed weekly. Students must be willing to commit to >1 hour of study per night. Students must be able to organize their time effectively, read and differentiate between primary sources and secondary sources, analytical and persuasive writing, and the ability to know and synthesize large amounts of complex historical evidence.</p>					
AP WORLD HISTORY		Course #	Credit	Level	PrerequisiteS	CCHE	Fee
		85340(S1) 85340(S2)	1.0	10-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of AP textbook.
<p>Meets Graduation Requirements in: Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>The purpose of the AP World History course is to provide the opportunity for students to develop greater understanding of key ideas, people, and events of the past, which have shaped our world. This year long survey course investigates the time period from 1200 to the present. Students will study themes that involve, interaction between humans and the environment, development and interaction of cultures, state-building, expansion, and conflict, economic systems, and social structures. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their cause and consequences, as well as comparisons among major societies. Focus will be placed upon historical analysis methods such as change and continuity, and writing skills. A great deal of time will be spent arranging the information into: comparative, across time, document-based essays, and multiple choice questions. This course covers much content in a limited amount of time, but will give the student the information and skills necessary to better understand the world and their relationship to it. Summer assignment is required.</p>					

World Language

AP FRENCH LANGUAGE		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95440S1 95440S2	1.0	10-12	<i>French IV & Teacher's Recommendation</i>	Yes	\$99.00 for cost of AP Exam. A Workbook fee will be required.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>AP French Lang. is a course for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. This course is designed to give intensive practice at an advanced level in French and to prepare for the Advanced Placement exam in French Language. AP French Language is equivalent to courses taught at the fifth and sixth semesters at the college level. The four skills areas in second language learning are: reading, writing, listening, and speaking. These skills will be practiced in an integrated fashion, such that reflects how they will be presented on the AP exam. Students are strongly encouraged to take the AP exam and will receive extensive preparation for the exam. Students are committed to AP classes for the entire school year and cannot change classes at semester. Prerequisites include Ssuccessful completion of French IV and/or obtaining a signature from a Ccurrent Fforeign Llanguage Tteacher. This course will be conducted exclusively in French, per College Board requirement.</p>					
AP SPANISH LANGUAGE		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95640S1 95640S2	1.0	11-12	<i>Spanish IV & Teacher's Recommendation</i>	Yes	\$99.00 for cost of AP Exam, \$70 for AP workbook.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>AP Spanish Language is a course for students who wish to develop proficiency and integrate their language skills using authentic materials and sources. This course is designed to give intensive practice at an advanced level in Spanish and to prepare for the AP exam in Spanish Language. The four skills areas in second language learning are: reading, writing, listening, and speaking. These skills will be practiced in an integrated fashion, such that reflects how they will be presented on the AP exam. RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. This course will be conducted exclusively in the Spanish language per College Board requirement. Summer homework is required.</p>					
AP CHINESE (MANDARIN)		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95734S1 95734S2	1.0	10-12	<i>Chinese IV & Teacher's Recommendation</i>	Yes	\$99.00 for cost of AP Exam.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>The AP Chinese and Culture course is a full-year course that covers the equivalent of a second-year (or the fourth semester) college/university courses in Mandarin Chinese. It is designed to provide students with authentic Chinese materials and sources to further develop and achieve language proficiencies, explore both contemporary and historical Chinese culture, and apply their language skills and cultural knowledge across the three communicative modes (Interpersonal, Interpretive, and Presentational). Students will receive intensive practice at an advanced level in Mandarin Chinese and prepare for the AP exam in Chinese Language Culture. Students are strongly encouraged to take the AP exam. Students are committed to AP classes for the entire school year and cannot change classes at semester. Time involved is Aapproximately five hours per week. Work will be given over weekends and holidays. This course will be conducted exclusively in the Chinese language per College Board requirement. Summer homework is required.</p>					

AP CAPSTONE PROGRAM

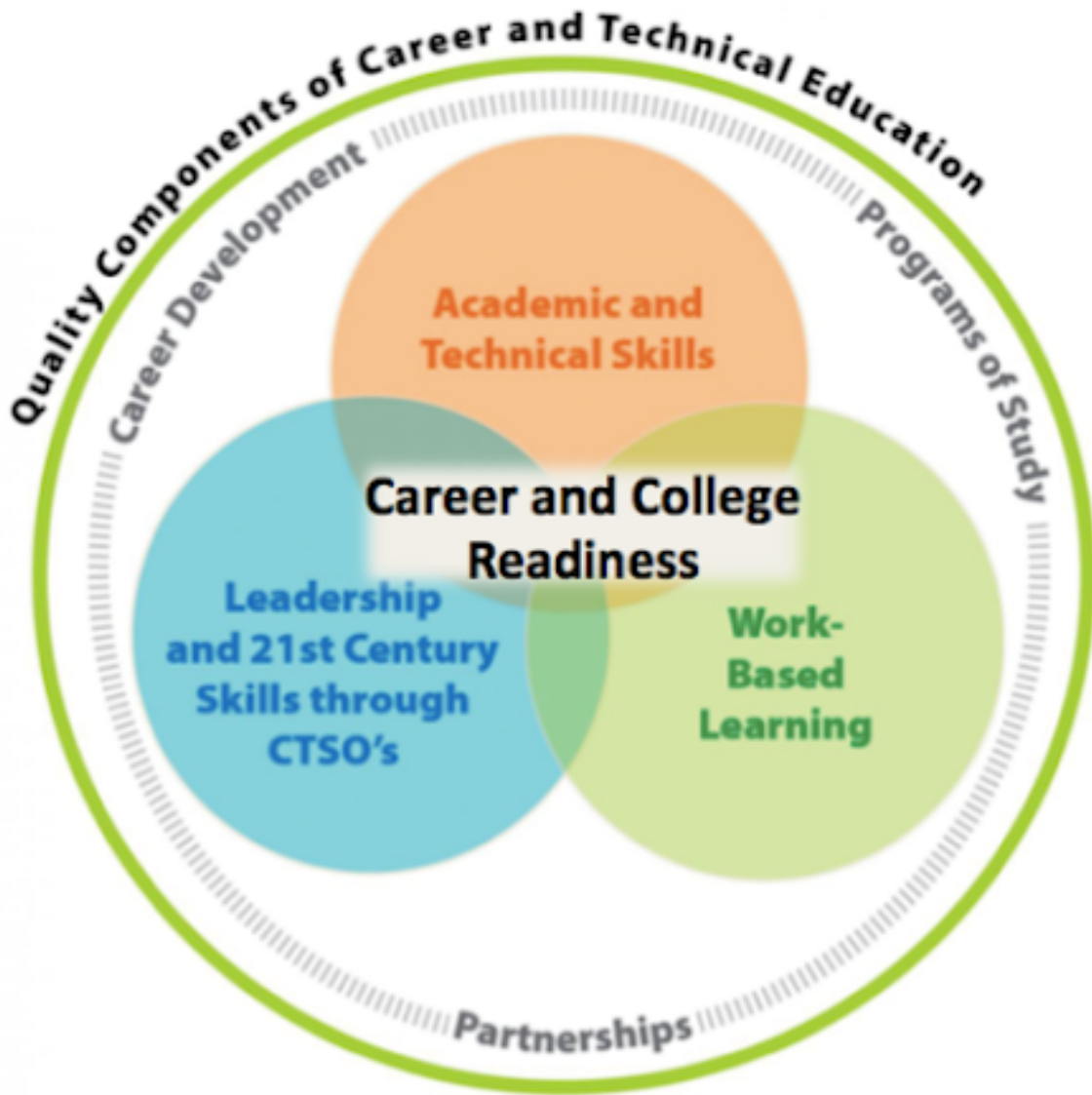
Beginning with the 2019-20 School Year, Rock Canyon became an AP Capstone school, allowing students to receive an AP Capstone Diploma if they complete AP Seminar (11th grade) and AP Research (12th grade) and achieve a passing score on FOUR other AP courses throughout their high school career. For more information, visit:

<https://apcentral.collegeboard.org/courses/ap-capstone>.

	Course #	Credit	Level	Prerequisite	CCHE	Fee
AP SEMINAR	22110S1 22110S2	1.0	11	<i>None; Please conf. with your English Teacher</i>	Yes	\$145 cost of AP Exam
<p>Meets Graduation Requirements in: Elective</p> <ul style="list-style-type: none"> <input type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit 	<p>AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.</p>					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
AP RESEARCH	22112S1 22112S2	1.0	12	<i>AP Seminar</i>	No	\$145 cost of AP Exam
<p>Meets Graduation Requirements in: Elective</p> <ul style="list-style-type: none"> <input type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit 	<p>AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. (Note: AP Seminar is a prerequisite for AP Research. Completing AP Seminar and all its required assessment components is necessary for students to develop the skills to be successful in AP Research.)</p>					

Concurrent Enrollment, Career & Technical Education, and Work Based Learning are all subject to change during the school year. New Legislation, policies, and applications are expected.

CONCURRENT ENROLLMENT CAREER & TECHNICAL EDUCATION WORK BASED LEARNING



The vision of the Career & Technical Education and Concurrent Enrollment Department is for DCSD to become a premier leader in CTE that inspires students to gain real-world knowledge, occupational experience, and 21st Century Skills to be the best business and community leaders possible.

We are fortunate to offer various ways for our students to take concurrent enrollment courses. Many of the CE courses we offer are taught here at RCHS by certified instructors. If there is a course that students want to take that we do not offer at RCHS, they can work with their counselor to apply for the course at another location.

Legacy Campus

The Legacy Campus is a secondary and postsecondary facility that is accessible for high school and college students. The Legacy Campus will provide real-world, entrepreneurship learning experiences in which students are afforded the opportunity to earn industry certifications in the trades and explore, experience, and deepen their learning in focused pathways that give them a competitive advantage in the world of work, the military, technical and trade schools, colleges and additional postsecondary opportunities.



@RCHS/ACC Concurrent Enrollment Courses

**This is for RC students taking classes AT RCHS during the school day

As a high school student enrolling in an ACC (Arapahoe Community College) course, you are choosing to take a college-level course. Please note that students must receive a C or better in the course in order to receive college credit. It is the responsibility of the student to request college transcripts directly from ACC. To register for these courses, students must complete an [ACC student application](#) and fulfill all pre-requisite requirements.

Arapahoe Community College (MOU) courses

COURSE	Course #	Credits	Pre-Reqs	Special Notes
English Composition	ENG 121	3	3.0 GPA OR SAT English 470 OR ACT English 18 OR Accuplacer Next Gen Writing 246	12 th grade only- take with LIT 115
Intro to Literature	LIT 115	3	3.0 GPA OR SAT English 470 OR ACT English 18 OR Accuplacer Next Gen Writing 246	12 th grade only – take with ENG 121
Principles of Business	BUS 115	3	No Pre-Req	Available to 9-12th grade students
Principles of Marketing	MAR 216	3	BUS 115 and HSB Economics	Available to 10-12th grade students
Principles of Management	MAN 226	3	BUS 115, Economics, Marketing (MAR 216)	*HSB Business Strategies Sem 2 to receive credit. Available to 11-12th grade students
Intro to Criminal Justice	CRJ 110	3	3.0 GPA OR ACT English 16 OR SAT English 430	*Take with CRJ 125. Available to 10-12th grade students.
Intro to Policing Systems	CRJ 125	3	3.0 GPA OR ACT English 16 OR SAT English 430	*Take with CRJ 110. Available to 10-12th grade students.
Judicial Functions	CRJ 135	3	3.0 GPA OR ACT English 16 OR SAT English 430. Must have completed CRJ 110 and 125 first.	*Take together with CRJ 145 Sem 2. Available to 10-12th grade students.
Correctional Process	CRJ 145	3	3.0 GPA OR ACT English 16 OR SAT English 430. Must have completed CRJ 110 and 125 first.	*Take together with CRJ 135 Sem 2. Available to 10-12th grade students.
Principles Criminal Law	CRJ 205	3	3.0 GPA OR ACT English 16 OR SAT English 430. Must have completed CRJ 135 and CRJ 145	Available to 11-12th grade students.
Calculus III (Sem 1)	MAT 2431	5	3.0 GPA AND MAT 202 OR AP score of 4 or 5 on Calculus BC	
Differential Equations(Sem 2)	MAT 2560	3	3.0 GPA AND MAT 202 OR AP score of 4 or 5 on Calculus BC	
Physics: Algebra-Based I With Lab	PHY 1111	5	Either SAT Math Score of 620 or Accuplacer Math score of 280	

Physics: Algebra-Based II With Lab	PHY 1112	5	ACC-PHY 1111 C or better	
US History to Reconstruction	HIS 1210	3	HS GPA 3.0 or SAT 470 English or Accuplacer: Writing 246+	
US History since the Civil War	HIS 1220	3	HS GPA 3.0 or SAT 470 English or Accuplacer: Writing 246+	
Fundamentals of EMT	EMS 121	3	12th grade students who will turn 18 prior to the end of their senior year and have completed English III with a C or better.	This course is scheduled in the fall semester. Students must register for all 5 EMT courses.
EMT Medical Emergencies	EMS 122	4	12th grade students who will turn 18 prior to the end of their senior year and have completed English III with a C or better.	This course is scheduled in the fall semester. Students must register for all 5 EMT courses.
EMT Trauma Emergencies	EMS 123	2	12th grade students who will turn 18 prior to the end of their senior year and have completed English III with a C or better.	This course is scheduled in the spring semester. Students must have completed EMS 121 & EMS 122
EMT Special Considerations	EMS 124	2	12th grade students who will turn 18 prior to the end of their senior year and have completed English III with a C or better.	This course is scheduled in the spring semester. Students must have completed EMS 121 & EMS 122
EMT Clinical	EMS 170	1	12th grade students who will turn 18 prior to the end of their senior year and have completed English III with a C or better.	This course is scheduled in the spring semester. Students must have completed EMS 121 & EMS 122

Requirements for Taking an ACC Concurrent Enrollment course

1. Apply to ACC to get your S# (ACC Student Number) and create account
*If you have already taken an ACC concurrent enrollment class in the past you do not have to apply again. If you forgot your S#, you can retrieve it here: https://erpdnssb.cccs.edu/PRODCCCS/cccsemail_reminder.cccs_get_snumb
2. Click on the link below and then click on "Create an Account" and fill out the information. Do NOT use your DCSD school Gmail account (use a personal email account)
3. New applicants: Create an account here: <https://arapahoe.elluciancrmrecruit.com/admissions/pages/welcome.aspx>
4. ACTIVATE YOUR ACCOUNT: Find your account activation email and click "Confirm email now". If you can't find the email, check your Spam folder
5. APPLY: Once your account has been activated, login and click "my account". Scroll down to "Start an application" Use this [STEP by STEP ACC Application Guide](#) *In order to apply, you will need your social security number.
*If you need assistance with your application, contact ACC Admissions @ (303) 797-4222
6. RECEIVE YOUR S#/ACC STUDENT NUMBER: When you 'Submit' your application and have a checkbox next to
7. 'Complete an Application' then...scroll back up to the top of the login page and you should see your S# to the right of your name under 'Student ID' (if your Student ID (S#) is not generated immediately, you will receive a welcome email from ACC within 3 days of submitting your application)
8. Submit the [ACC S# \(Student Number\) Verification](#)

*Please note that students must receive a C or better in the course in order to receive college credit. It is the responsibility of the student to request college transcripts directly from ACC.

*For more information regarding Concurrent Enrollment at Arapahoe Community College, please visit their web-

College Campus Concurrent Enrollment

Courses are offered on a college campus and taught by college faculty.

Must be a course not offered in DCSD.

Must fulfill a graduation requirement, be a component of completing a certification or degree program. Tuition is paid by DCSD at the CURRENT Community College rate and will ONLY BE PAID IF a student has been granted permission to take the course and a completed, signed application is on file by the approved deadline. Students approved to take online courses will be responsible for all tuition costs over the IN SEAT Community College rate.

Student/Parent/Guardian is responsible for payment of tuition not paid by the District, as well as fees and classroom materials.

Student Responsibilities:

- Must see their counselor to receive and complete the required ACC application, remembering to get parent and counselor signatures.
- High School counselor will submit an application to the CE Department for review and approval. See below for deadlines.

Application Deadlines for College Campus Concurrent Enrollment:

For Fall semester:

- District applications due to the CE Office by approved deadline. This must be completed with a RCHS Counselor.
- Notification will be given to counselors from the district.
- Students will be contacted immediately after notification to allow ample time for registration at the college campus.

For Spring semester:

- Applications due to the CE Office by approved deadline.
- Notification will be given to counselors.
- Students will be contacted immediately after notification to allow ample time for registration at the college campus.

Review Important MUST Do's:

- Must provide own transportation to any of the programs/courses listed
- Must visit certain programs prior to enrollment
- Must have parental support and permission
- Must be enrolled in a DCSD high school as a full-time student
- Must have a sufficient number of credits to graduate from high school on time

Must stay in the program for the entire term (or reimburse DCSD)

Application Deadlines for College Campus Concurrent Enrollment:

- Must have parental support and permission
- Must be enrolled in a DCSD high school as a full-time student
- Must have a sufficient number of credits to graduate from high school on time
- Must stay in the program for the entire term (or reimburse DCS the cost of the program)

Sample Course Interpretation

Careful planning is essential to a successful and rewarding experience at Rock Canyon High School. Parents, teachers, counselors, and administrators should all be involved in assisting you to develop a comprehensive plan allowing for variety, specific interests, and special preparation for the future. Although there are a variety of resource people to assist you, the final responsibility for your educational experience rests on you and your willingness to study and become a part of the school community.

This guide has been designed as a planning tool for the coming year. A close look at department overviews, course descriptions, graduation requirements, and prerequisites will give you important information for the planning process.

Below is a sample course in the format found throughout this guide. Carefully read the comments provided.

.5 credit = 1 course for 18 weeks = 1 semester
 1.0 credit = 1 course for 36 weeks = 2 semesters

Course Title:

Titles are for reference only. Read the entire description and talk to teachers, counselors, and parents before deciding whether a particular course meets your needs, interests, and abilities.

Course Number:

Course numbers are listed for registration purposes.

Course Credit:

Lists the credit upon successful completion.

Level:
 Lists the grades that may enroll in this course.

Prerequisite:

States what must be successfully completed before enrolling in this course.

CCHE:

States whether the course meets the requirements of CCHE.

Course Title	Course #	Credit	Level	Prerequisite	CCHE	Fee
GEOLOGY	80575	0.5	9-12	Teacher Signature	Yes	lab supplies
Meets Graduation Requirements in: SCI, ELE ___ May be taken more than once for credit _X_ May be taken only once for credit	This lab based course includes the study and identification of rocks and minerals, geologic structures, weathering and erosion, glacial processes, coastal processes, natural disasters, Colorado geology, and the use of topographic and geologic maps. 9th graders may only take this course with concurrent enrollment in Honors Biology.					

Description:

The intent of the class, possible types of class activities, content, and instruction.

Fee:

Additional cost for material not provided by school budget.



Art

Department Chair: Kennetha Miller

Course Offerings

Grade	Courses Offered
9	Ceramics I, II Drawing and Painting I, II Digital Arts I, Graphic Design II Digital Arts I, Photography II Sculpture I, II
10	Ceramics I, II, III, IV Drawing and Painting I, II, III, IV Digital Arts I, Graphic Design II, III, IV Digital Arts I, Photography II, III, IV Sculpture I, II, III
11	Ceramics I, II, III, IV Drawing and Painting I, II, III, IV Digital Arts I, Graphic Design II, III, IV Digital Arts I, Photography II, III, IV Sculpture I, II, III
12	Ceramics I, II, III, IV AP 3-D Art & Design: Ceramics AP 2-D Art Design (Graphics) Drawing and Painting I, II, III, IV AP Drawing (Studio Art: 2D) Digital Arts I, Graphic Design II, III, IV Digital Arts I, Photography II, III, IV Sculpture I, II, III AP 2D Art & Design (Photography)

Registration for each course requires a signature from the current art teacher, unless stated otherwise, and passing the prerequisite course with a "C" or better. AP and Level IV "B" or better.

Registration for Advanced Placement (AP) classes can be found under the Advanced Placement Course Section.

All Advanced Placement (AP) classes require a teacher signature.

Art Course Descriptions

Ceramics I		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15425	0.5	9-12	<i>none</i>	No	\$40
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		Ceramics I is an introductory clay course that focuses on hand-building techniques. This class requires a positive attitude and an open mind. Students will think critically to solve artistic problems and create unique pieces of art. Students will explore different ways to use this medium as well as glazing and finishing techniques. This class is designed for all students, whether they consider themselves artists or not!					
Ceramics II		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15430	0.5	9-12	<i>Ceramics I with a "C" (or better).</i>	No	\$40
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		Ceramics II is a second level clay course which focuses on mastering hand-building techniques and introducing wheel throwing. Ceramics II builds on the concepts learned in Ceramics I. Students in this course will learn higher-level processes for glazing and finishing work. This class requires a positive attitude, an open mind, and students must be comfortable in this environment to give and take constructive criticism.					
Ceramics III		Course #	Credit	Level	"C" Prerequisite	CCHE	Fee
		15435	0.5	10-12	<i>Ceramics II with a "C" (or better).</i>	No	\$40
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		Ceramics III is for the serious art student who wants to continue designing, challenging, and improving their wheel throwing skills/techniques. Students will create a variety of functional wheel thrown forms, while learning new surface decorating techniques. Emphasis will be placed on mastering these advanced skills as a means of self-expression.					
Ceramics IV		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15440	0.5	10-12	<i>Ceramics III with a "B" (or better).</i>	No	\$40
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		Ceramics IV students will continue to master their wheel throwing and handbuilding skills and techniques. Students will create individual goals and plans for advanced projects with an emphasis on portfolio development. Guidance through this process will be given as needed. Students may take advantage of the opportunity to really challenge themselves, their abilities, and independent goal setting and work skills.					

AP STUDIO ART: 3D ART AND DE- SIGN CERAMICS		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15479S1 15479S2	1.0	12	<i>Ceramics III (senior) with a "B" (or better).</i>	No	\$80 Course Fee \$99.00 AP Exam
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Sculpture and Ceramics. This course is designed for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board’s criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures the student’s engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, and Revision, along with Communication and Reflection.</p>					
DRAWING AND PAINTING I		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15500	0.5	9-12	<i>none</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>Students will work with various drawing and painting media, as they create fantastic designs and drawings, while discovering the secrets of the art elements and design principles. Completion of Drawing and Painting I and II will fulfill the requirements for your fine arts credit for any in state or out of state college.</p>					
DRAWING AND PAINTING II		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15505	0.5	9-12	<i>Drawing and Painting I with a "C" (or better).</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This course is an extension of Drawing and Painting I. Students will focus on a more intense involvement in drawing and painting media, techniques, and artistic styles. More individual expression and artistic awareness will be encouraged. Realistic drawing will be emphasized using skills that are acquired.</p>					
DRAWING AND PAINTING III		Course #	Credit	Level	Prerequisite	CCHE	Fee
		15510	0.5	10-12	<i>Drawing and Painting II with a "C" (or better).</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This course focuses on developing your own drawing and painting techniques. Students will select and work with various drawing and painting media, embellishing their work with the elements of art and principles of design. The serious art student will further develop skills, ideas, personal philosophy, and creativity in their works of art.</p>					

DRAWING AND PAINTING IV	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15515	0.5	10-12	<i>Drawing and Painting III with a "B" (or better).</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Students will have the advantage of improving their work ethics, independent goal setting, and work skills through creating their own individual educational plans and goals for advanced projects with an emphasis on portfolio development. A serious art student will be their own "boss" while exploring and inventing new and unique ways to challenge their own ideas, skills, techniques, and self-selected media. Guidance through this process will be given as needed.</p>					
AP STUDIO ART: 2D DRAWING/ PAINTING	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15476(S1) 15476(S2)	1.0	12	<i>Drawing and Painting III (senior) with a "B" or better.</i>	No	\$80 Course Fee \$99.00 AP Exam
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Drawing and Painting. This course is designed for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board's criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures the student's engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, and Revision, along with Communication and Reflection.</p> <p>Skills: Self discipline</p>					
DIGITAL ARTS I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15470	0.5	9-12	<i>none</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This combination course will introduce students to various tools, techniques, and concepts employed by both Photographers and Graphic Designers. Students will develop the skills necessary for basic camera control, the use of Adobe Photoshop and Lightroom CC for editing and creativity while building a foundation of Photography and Graphic Design vocabulary. Emphasis will be placed on developing these basic skills as a means of self-expression. Completion of this course can be a prerequisite for either Photography II or Graphic Design II.</p>					
GRAPHIC DESIGN II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15455	0.5	9-12	<i>Digital Arts I with a "C" or better.</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>In this course, students will continue developing their technical skills using Adobe Photoshop and Illustrator CC for creativity while building a foundation of visual communication through typography, photography, iconography, and illustration. Students will gain experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic communications. Emphasis will be placed on developing these skills as a means of self-expression.</p>					

GRAPHIC DESIGN III	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15460	0.5	10-12	<i>Graphic Design II with a "C" or better</i>	No	\$40
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	In this advanced course, students will continue to build their technical skills using Adobe Photoshop, Illustrator, and InDesign CC for creativity while building a foundation of visual communication through typography, photography, iconography, and illustration. Students will gain experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic communications. Emphasis will be placed on mastering these visual communication skills as a means of self-expression.					
GRAPHIC DESIGN IV	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15465	0.5	10-12	<i>Graphic Design III with a "B" or better.</i>	No	\$40
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	In this course, students will create a personalized educational plan with goals to expand their knowledge of advanced Graphic Design concepts. Students will demonstrate mastery of their communication design skills using Adobe Photoshop, Illustrator, and InDesign CC to create an exceptional art portfolio in preparation for enrollment in the AP Studio Art: 2D and for use in college applications and scholarships. Emphasis will be placed on mastering these advanced visual communication skills as a means of self-expression.					
AP STUDIO ART: 2D GRAPHIC DESIGN	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15477S1 15477S2	1.0	12	<i>Graphic Design III (senior) with a "B" or better.</i>	No	\$80 Course Fee \$99.00 AP Exam
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Graphic Design. This course is designed for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board's criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures the student's engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, and Revision, along with Communication and Reflection. Skills: Self discipline					
DIGITAL ARTS I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15470	0.5	9-12	<i>none</i>	No	\$40
Meets Graduation Requirements in: Fine Arts or Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This combination course will introduce students to various tools, techniques, and concepts employed by both Photographers and Graphic Designers. Students will develop the skills necessary for basic camera control, the use of Adobe Photoshop and Lightroom CC for editing and creativity while building a foundation of Photography and Graphic Design vocabulary. Emphasis will be placed on developing these basic skills as a means of self-expression. Completion of this course can be a prerequisite for either Photography II or Graphic Design II.					

PHOTOGRAPHY II	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p data-bbox="61 247 350 331">Meets Graduation Requirements in: Fine Arts</p> <p data-bbox="61 363 370 422"><input type="checkbox"/> May be taken more than once for credit.</p> <p data-bbox="61 451 358 510"><input checked="" type="checkbox"/> May be taken only once for credit.</p>	15480	0.5	9-12	<i>Digital Arts I with a "C" or better.</i>	No	\$40
PHOTOGRAPHY III	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p data-bbox="61 686 350 770">Meets Graduation Requirements in: Fine Arts</p> <p data-bbox="61 802 370 861"><input type="checkbox"/> May be taken more than once for credit.</p> <p data-bbox="61 890 358 949"><input checked="" type="checkbox"/> May be taken only once for credit.</p>	15460	0.5	10-12	<i>Photography II with a "C" or better.</i>	No	\$40
PHOTOGRAPHY IV	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p data-bbox="61 1146 350 1230">Meets Graduation Requirements in: Fine Arts</p> <p data-bbox="61 1262 370 1320"><input type="checkbox"/> May be taken more than once for credit.</p> <p data-bbox="61 1350 358 1409"><input checked="" type="checkbox"/> May be taken only once for credit.</p>	15585	0.5	10-12	<i>Photography III with a "B" or better.</i>	No	\$40

AP STUDIO ART: 2D GRAPHIC DESIGN	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15478S1 15478S2	1.0	12	<i>Photography III (senior) with a "B" or better.</i>	No	\$80 Course Fee \$99.00 AP Exam
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>In this year-long course, highly-motivated and disciplined art students will pursue a rigorous and productive study in Photography as a 2D Fine Art medium. This course is for the advanced student who wishes to seek AP credit by submitting a portfolio of artwork to the AP College Board—students must meet the College Board's criteria to earn the AP credit. The portfolio can also be used to enter college programs and apply for Scholarships. Students are required to complete a considerable amount of work outside of class. This course will be graded using the AP College Board Rubric, which measures students' engagement in the creative process: Inquiry and Investigation, Making Through Practice, Experimentation, Revision, Communication, and Reflection.</p>					
SCULPTURE I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15550	0.5	9-12	<i>none</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts or Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Sculpture I is designed to give the students an introductory experience in sculpture techniques and three dimensional forms. Students should have an open mind, positive attitude and good work ethic as we explore additive, subtractive, abstract and realistic sculpting techniques. Students will be using professional sculpting tools to help aid their creative process. Projects and materials used in this class may include cardboard, wire, clays, wood, and stones for carving.</p>					
SCULPTURE II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15555	0.5	9-12	<i>Sculpture I with a "C" or better.</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Sculpture II is an extension of Sculpture I. Students will expand their sculptural processes to express their artistic styles using new materials and applying the Principles of Design. Exploration with various materials and techniques will focus on artistic expression and meaning making within projects. Materials used in this class may include: recycled materials, clays, wood, plaster, fibers, glass fusing, wire, and beginning jewelry techniques.</p>					
SCULPTURE III	Course #	Credit	Level	Prerequisite	CCHE	Fee
	15560	0.5	10-12	<i>Sculpture II with a "C" or better.</i>	No	\$40
<p>Meets Graduation Requirements in: Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course offers the student the opportunity to continue their interest in sculpture but with more individualized project planning. The artistic processes of creative thinking, planning, and construction will be emphasized utilizing a wide range of materials and creative solutions. Materials used may include: recycled objects, fibers, clay, plaster, wood, glass fusing, various metals and stone.</p>					

Business

- ACC BUS 115 Principles of Business (HSB #1)
- CTE Business Economics (HSB #2)
- ACC MAR 216 Principles of Marketing (HSB #3)
- CTE Principles of Finance (HSB #4)
- ACC MAN 226 Principles of Management (HSB #5)
- CTE Business Strategies (HSB #6)

Engineering

- CTE Principles of Engineering & Technology (#1)
- CTE Intro to Engineering (#2)
- CTE Applied Engineering Design (#3)
- CTE Robotics & Auto Systems (#4)

Digital Media

- CTE Digital Media & Communications (#1)
- CTE Digital Media & Communication - TV (#2)
- CTE Digital Media & Communication - AVI (#3)
- CTE Digital Media & Communication - AVII (#4)

Computer Science, Technology, and Business

Department Chair: Janna Robinett

Required District Computer Competency Guidelines:

Students will be assessed on their abilities in Word Processing, Spreadsheets, Databases, Presentation, Technology Fundamentals, Terminology, Online Research, Multimedia Communication, and Technology Ethics. Successful completion of a technology course will count as .5 credits towards the 1.0 Practical Arts graduation requirements.

High School of Business Order of Progression:

(1) Principles of Business, (2) Business Economics, (3) Principles of Marketing, (4) Principles of Finance, (5) Principles of Management, (6) Business Strategies

Course Offerings

Grade	Courses Offered
9	Intro to Computer Science (CTE) CTE Principles of Engineering & Technology Technology Lab I (CTE) ACC-BUS 115 Principles of Business (CTE/CE) (HSB Course #1) CTE HSB Business Economics (HSB #2) CTE Digital Media and Communications Foundations (Formerly Multimedia) CTE Digital Media and Comm - TV Productions CTE - Game Design
10	Courses listed above Plus: AP Computer Science Principles (CTE) Intro to Engineering Design Accounting I - 1.0 ACC-MAR 216 Principles of Marketing (CTE/CE) (HSB #3) CTE HSB Principles of Finance (HSB #4) CTE Digital Media and Comm - AV 1 (RCTV) CTE Filmmaking 1 CTE Intro to Entrepreneurship (ACE Print Shop) CTE Entrepreneurship (ACE Print Shop) CTE - Game Design
11	Courses listed above Plus: AP Computer Science A - 1.0 (CTE) (CTE) Applied Engineering Design OR CTE Robotics & Auto Systems CTE Digital Media and Comm -- AV II (DCTV) CTE Filmmaking II (Intermediate Film Production) CTE - Game Design
12	Courses listed above Plus: CTE HSB Business Strategies (HSB #6) ACC-MAN 226 Principles of Management (CTE/CE) (HSB #5) Video/TV Production CTE Engineering & Tech Work Based Learning CTE Digital Media and Comm WBL CTE - Game Design

Concurrent Enrollment (CE) and Career & Technical Education (CTE) registration information. Concurrent Enrollment Courses are for High School credit and college credit. Applications are needed for these courses.

Registration for Advanced Placement (AP) classes can be found under the Advanced Placement Course Section.

Registration for each course requires a signature from the current computer science/ technology/ business teacher, unless stated otherwise, and passing the prerequisite course with a "C" or better is recommended.



Business Course Descriptions

ACCOUNTING I		Course #	Credit	Level	Prerequisite	CCHE	Fee
		25450S1 25450S2	1.0	10-12	Teacher's Recommendation	No	\$33.00 for workbook.
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>Students will learn the steps in the accounting cycle, which includes analyzing source documents, journalizing, posting, trial balance, multi-column worksheet, income statement, statement of changes in owner's equity, balance sheet, and post-closing trial balance. Check writing and bank reconciliation, as well as, income tax preparation are included. This valuable course will give students life-long skills for personal record keeping, prepare them for advanced studies of business and accounting, and provide a solid background for entry level job opportunities. This course is a must for business.</p>					
ACC-BUS 115 PRINCIPLES OF BUSINESS (HSB #1)		Course #	Credit	Level	Prerequisite	CCHE	Fee
			0.5	9-12	ACC/CE Contract & ACC Application To be taken in conjunction with Business Economics (see above).	N/A	
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This is a Concurrent Enrollment course and requires the ACC/CE Contract and Arapahoe Community College application.</p> <p>This is a project-based business course, develops student understanding and skills in such areas as business law, economics, financial analysis, human resources management, information management, marketing, operations, and strategic management. Through the use of three projects, students acquire an understanding and appreciation of the business world. They develop a business analysis report, conduct an environmental scan of the local business community, and investigate business activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course.</p>					
CTE HSB BUSINESS ECONOMICS (HSB #2)		Course #	Credit	Level	Prerequisite	CCHE	Fee
			0.5	9-12	Principles of Business to be taken 1st Semester followed by Business Economics 2nd Semester	N/A	
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This is a project-based business course, students expand their understanding that businesses are influenced by external factors that are often beyond their control. Consumer spending, government policies, economic conditions, legal issues, and global competition are addressed through practical, current applications to everyday societal and business life. Students develop their knowledge and skills in areas such as economics, entrepreneurship, and professional development.</p>					

ACC-MAR 216 PRINCIPLES OF MARKETING (HSB #3)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69216S1	0.5	10-12	<i>ACC/CE Contract & ACC Application/Principles of Business/ Business Economics & Teacher's Recommendation</i>	N/A	\$15
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This is a Concurrent Enrollment course and requires the ACC/CE Contract and Arapahoe Community College application.</p> <p>This is a project-based business course that develops student understanding and skills in the functional areas of channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Students acquire an understanding and appreciation of each of the marketing activities.</p>					
CTE HSB PRINCIPLES OF FINANCE (HSB #4)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	79062301	0.5	10-12	<i>Teacher's Recommendation / Principles of Business/ Business Economics/ Principles of Marketing</i>	N/A	\$15
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p><u>Prerequisite:</u> Principles of Business, Business Economics, Principles of Marketing & Teacher Recommendation</p> <p>Principles of Finance furthers student understanding of two specific business activities—accounting and finance—that were introduced in an earlier High School of Business course, Principles of Business. Through team activities and a semester-long corporate investment project, students make connections between accounting and finance. Students acquire an understanding of financial statements, calculate financial ratios, and make corporate financial management decisions based on their analysis of that financial data. In addition, students apply the concepts of operating and overhead costs, internal accounting controls, and budgets to their class business. Lastly, cost/benefit analysis is introduced as an element of financial planning and decision-making.</p>					

ACC-MAN 226 PRINCIPLES OF MANAGEMENT (HSB #5)	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: PRACTICAL ARTS <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	69039	0.5	12	ACC/CE Contract & ACC Application / Principles of Business/ Business Economics/ Principles of Marketing/ Finance/ Teacher's Recommendation	N/A	\$15
This is a Concurrent Enrollment course and requires the ACC/CE Contract and Arapahoe Community College application. This is a yearlong course that consists of two courses Principles of Management & Business Strategies. This course furthers student understanding of management that was introduced in an earlier High School of Business™ course, Principles of Business. Through individual and team activities and a semester-long project, students make connections between management and business success. Students acquire an understanding of legal and ethical issues associated with management; initiate, plan, implement and control, and close a project; motivate team members; delegate work; develop a chain of command; coordinate work efforts; and interpret statistical findings.						
CTE HSB BUSINESS STRATEGIES (HSB #6)	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: PRACTICAL ARTS <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.	69042	0.5	12	Principles of Business/ Business Economics/Principles of Marketing/ Finance/ Management/Teacher's Recommendation	N/A	
CTE BAM WBL (Work Based Learning) Business_ 'double Schedule w/ CTE HSB Business Strategies	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: PRACTICAL ARTS <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.	79069999S2	0.5	10-12	Principles of Business/ Business Economics/Principles of Marketing/ Management/ Finance Management/ Teacher's Recommendation Currently enrolled in Business Stratgies	N/A	
Students who are in the prerequisite course will automatically be registered in the WBL class.						

	Course #	Credit	Level	Prerequisite	CCHE	Fee
CTE INTRO TO ENTREPRENEURSHIP (ACE Print Shop)	79061400	0.5	10-12	-	N/A	\$30

Meets Graduation Requirements in:

PRACTICAL ARTS

May be taken more than once for credit.

May be taken only once for credit.

This course allows students to apply firsthand the procedures and techniques needed to operate a student -run business. It emphasizes the development of creativity, innovation, interpersonal skills, and entrepreneurial leadership. They will learn to operate the most up to date equipment and process jobs while learning customer service skills, teamwork, motivation and the importance of attendance in the work environment as it relates to 21st century skills. Processes learned will include: screen printing, wide format printing, sublimation, and engraving. Quality control is always emphasized as a key component of our business. (Note: Students will not receive compensation in any form for business participation).

	Course #	Credit	Level	Prerequisite	CCHE	Fee
CTE ENTREPRENEURSHIP (ACE Print Shop)	79061401	0.5	10-12	-	N/A	\$30

Meets Graduation Requirements in:

PRACTICAL ARTS

May be taken more than once for credit.

May be taken only once for credit.

This course allows students to apply firsthand a more managerial role as it relates to operating a student run business. Students will learn about the financial and management aspects of the business. They will be given a job, assign duties and follow through the job until it is completed with complete customer satisfaction. This course will continue to emphasize the development of creativity, innovation, interpersonal skills, and entrepreneurial leadership as it relates to 21st century skills. Processes learned will include more advanced: screen printing processes, wide format printing, sublimation, and engraving. Embroidery will be introduced to students in the course. Quality control is always emphasized as a key component of our business. (Note: Students will not receive compensation in any form for business participation).

Computer Science & Technology

Course Descriptions

INTRO to COMPUTER SCIENCE	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		0.5	9-12	<i>none</i>	No	
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	30700	0.5	9-12	<i>none</i>	No	\$50.00
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>The course is designed to help students: 1) Develop logical thinking and problem solving skills; 2) Introduce them to the state-of-art technology and its applications; 3) Enter technology fields; and 4) Enable them to apply technology in a variety of careers. Students will have an introduction to robotics, video production, science and math simulations, manufacturing and production technology (including electronics, pneumatics, computer-aided design/drafting (CAD), and product design), and data acquisition for analysis. Students will also learn about programming, graphics design, and desktop publishing.</p>					

AP COMPUTER SCIENCE PRINCIPLES	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	30506S1 30506S2	1.0	10-12	<i>Intro to Computer Science</i>	No	\$99.00 cost for AP Exam
<p>This yearlong course AP Computer Science Principles course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. This course will help students prepare to be successful on the AP Computer Science Principles assessments which consist of two parts: completion of through-course performance tasks and the end-of-course AP Exam. Skills: Students must have knowledge of basic algebra and experience in problem solving.</p> <p>Recommended purchase of a class textbook.</p>						
AP COMPUTER SCIENCE A	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	30505S1 30505S2	1.0	10-12	<p><i>AP Computer Science Principles Students must have knowledge in basic algebra and experience in problem solving.</i></p> <p><i>"C" or better in Introduction to Computer Science and students must have knowledge of basic algebra and experience in problem solving.</i></p>	N/A	\$99.00 cost for AP Exam
<p>This yearlong course emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a Computer Science I & II college course. It also includes the study of data structures, logical expressions, class design, input/output operations, and abstraction. Instruction includes preparation for the AP Computer Science A Exam. RCHS students are expected to take the AP exam, and it is a major focus of the course content and instruction. This course requires intensive computer work inside and outside of class. Students are committed to AP classes for the entire school year and cannot change classes at semester. Skills: Students must have knowledge of basic algebra and experience in problem solving.</p> <p>Recommended purchase of a class textbook.</p>						

CTE PRINCIPLES OF ENGINEERING & TECHNOLOGY (#1)	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>			9-12	none	No	
CTE INTRO TO ENGINEERING DESIGN (#2)	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	79140201	0.5	10-12	<i>CTE Principles of Engineering & Technology</i>	No	\$50
CTE APPLIED ENGINEERING DESIGN (#3)	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	79140301	0.5	11-12	<i>CTE Principles of Engineering & Technology & CTE Introduction to Engineering Design</i>	No	\$50
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course offers students the opportunity to practice engineering concepts in a 3D modular lab design. Students will complete short introductory rotations on 3D modules designed to provide hands-on experience with engineering applications. These applications include 3D modeling of: mechanical, geotechnical, civil, landscaping, hardscaping, aerospace, and many others. The focus is on developing skills that the students can apply towards engineering classes in college and to motivate students to continue their learning in math and science.</p>					

CTE ROBOTICS & AUTO SYSTEMS (#4)	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: PRACTICAL ARTS <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	79140302	0.5	11-12	<i>CTE Principles of Engineering & Technology, CTE Introduction to Engineering Design</i>	No	\$50
CTE ENG & TECH WBL (Work Based Learning)	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: PRACTICAL ARTS <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	79149999	0.5	12	<i>CTE Applied Engineering Design or CTE Robotics & Auto Systems</i>	No	
Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education, as deemed developmentally appropriate.						

Multimedia Course Descriptions

CTE - Game Design	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: PRACTICAL ARTS <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	79121303	0.5	9-12		No	\$35.00
Students will move beyond the introductory level of electronic media for students to learn intermediate skills in video gaming. Gaming will introduce computer program design using concepts of structured programming. It will develop your own computer games, apps, and cover variables, data structures, looping, breaks, and arrays.						

CTE DIGITAL MEDIA AND COMMUNICATIONS	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	7903003	0.5	9-12	None	No	\$35.00
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>(Formerly Multimedia 1) This course for computer literate students focuses on using a variety of different software to develop multimedia productions. Students will create professional multimedia presentations that incorporate text, graphics, video and sound. One of the major outcomes of this course will be that students will be able to effectively maneuver through cyberspace, research, collect information, and be able to output that information in a professional, media-rich manner. Students will have the opportunity to apply these skills while using state of the art advanced hardware and professional software. Students will be introduced to graphic/web design, video/audio production, and animation.</p>					
CTE DIGITAL MEDIA AND COMM - TV PRODUCTIONS	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	7903105	0.5	9-12	<i>Teacher's Recommendation Prerequisite to Video Production (RCTV)</i>	No	\$35.00
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course covers the basics and advanced processes of TV and video production. Students will learn all aspects of video production including camera techniques, editing, directing, lighting, and sound. Students will have the opportunity to create video projects including professional reports, commercials, documentaries, and short film productions. Students enrolled in this course are expected to complete work requiring a high degree of independence and responsibility.</p>					
CTE DIGITAL MEDIA AND COMM - AV I (RCTV)	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	7903112 (S1,S2)	1.0	10	Prerequisite Successful completion CTE DIGITAL MEDIA AND COMM - TV PRODUCTIONS	No	\$30.00
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course demands a high level of creative ability and rigorous analytical skills. The focus of the course is two-fold: 1) the intensive study of television and film production techniques and 2) the hands-on production of a daily television news show RC-TV broadcast to the school along with producing short-films/field reports for the broadcasts. Students will be responsible for learning in a variety of ways: the production of television broadcasts and segments and television segments or shows.</p>					

CTE DIGITAL MEDIA AND COMM - AV II (2nd Level RCTV)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	7903208 (S1,S2)	1.0	11-12	<i>Teacher's Recommendation CTE DIGITAL MEDIA AND COMM - AV I</i>	No	\$30.00
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>The 2nd level RCTV class offers students who have a high interest in TV broadcast communication and Film Production to put together content rich television programs and short films that will be shown in the Douglas County and the Rock Canyon community. Writing, organizing, making contacts outside of school, and building sets are all areas worked on in the class. Students will work in groups to create short film and broadcast segments using high-end technical equipment such as camcorders, microphones, and editing equipment that will be used to film, edit, and export their show to viewing capabilities.</p>					
CTE DIGITAL MEDIA AND COMM - WBL (S2)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	79032999	0.5	11-12	<i>Multimedia II Video Production, or Mr. McClurg's Approval</i>	N/A	\$30.00
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Senior video production students will build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education, as deemed developmentally appropriate in conjunction with their CTE-Dig Media & Comm - AV II class.</p>					
CTE FILMMAKING I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	7903108S1 7903108S2	1.0	10-12	<i>CTE Digital Media & Comm - TV Production</i>	No	\$30
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Students learn how to use digital video editing software to create, edit, and save movies. Students create movies using digital video clips, digital photos and music. The basics of shooting good video, capturing video from a camera to a computer, creating movies for the web, and creating a finished product will be covered.</p>					

CTE ANIMATION II	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	7903207	0.5	10-12	Mr. McClurg's Approval	No	\$35
<p>Students will move beyond the introductory level of electronic media for students to learn skills in 3-D Modeling, Animation, and Motion Graphics. Using programs like Cinema 4D, Flash, After Effects, and other industry standard applications students will get advanced skills in these 3D modeling, animation, and 2D motion graphics areas.</p>						
CTE Filmmaking II (Intermediate Film Production)	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>PRACTICAL ARTS</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	7903203S1 7903203S2	Year: 1.0 Elective Credit	10-12	Mr. McClurg's Approval Fees: \$30 Prerequisite: Students must earn a grade of C or higher in Filmmaking I or get teacher approval	No	\$30
<p>This course will reinforce the fundamentals of video production taught in the Introduction to Filmmaking course and will expand in scope to include more advanced principles, mechanics, and processes of the video production process. Students will learn more advanced sound recording, lighting techniques, production scheduling and will begin using industry standard film editing software for their original films. In addition, students will work on submissions for film festivals.</p>						

English

Department Chair: Mary Burnham Course Offerings

All students must take a full-year English core course each of their four years at RCHS. It is highly recommended that students choose several of the semester-long electives we offer as a way to explore new possibilities and expand on language arts skills.

Grade	Core Courses	Electives	
9	English I or English I Honors*	Creative Writing I Creative Writing II* ^Journalism/Digital Media Literature of Film I Mass Media & Comm Photojournalism Public Speaking	SciFi & Fantasy
10	English II or English II Honors*	Creative Writing I Creative Writing II* ^Journalism/Digital Media Literature of Film I Mass Media & Comm	^Newspaper* Photojournalism Public Speaking SciFi & Fantasy ^Yearbook*
11	English III or College Prep Reading/Writing AP Language and Composition*+	Creative Writing I Creative Writing II* ^Journalism (Digital Media) Literature of Film I Mass Media & Comm	^Newspaper* Photojournalism Public Speaking SciFi & Fantasy ^Yearbook*
12	English IV or AP Literature and Composition*+ Senior Studies* ACC-ENG 121 English Composition (ACC/CE)* / ACC-LIT 115 Intro to Literature (ACC/CE)*	Creative Writing I Creative Writing II* ^Journalism/Digital Media Literature of Film I Mass Media & Comm	^Newspaper* Photojournalism Public Speaking SciFi & Fantasy ^Yearbook*

^Meets Graduation Requirements in Practical Arts

Concurrent Enrollment (CE). Concurrent Enrollment Courses are for High School credit and college credit. Applications are needed for these courses.

Registration for Advanced Placement (AP) can be found under the Advanced Placement Course Section beginning on page 90.

*Registration for each course requires a signature from the current language arts teacher, unless stated otherwise, and passing the prerequisite course with a C or better is recommended.

Department Summary

For all Language Arts students:

All grade levels (beginning with entering 9th graders, and extending through seniors); will receive summer reading assignments in May of each year. These will vary by course you will be entering, but must be completed prior to the beginning of the new school year. All books assigned will be accessible enough that they can be found in local libraries, online or through local bookstores.

Department policy is that students may switch levels (e.g. from English II to English II Honors, or vice versa) only at the semester, and only after students, parents and instructors determine such a change is best for students.

Grade 9

Prerequisite for English I Honors = must be Advanced or Proficient in reading and writing – 7th grade, plus at least a B average in English 8 and a B average in Work Habits.

Grade 10

Prerequisite for English II Honors = must be Advanced or Proficient in reading and writing – 8th grade, plus at least a B average in English I or English I Honors.

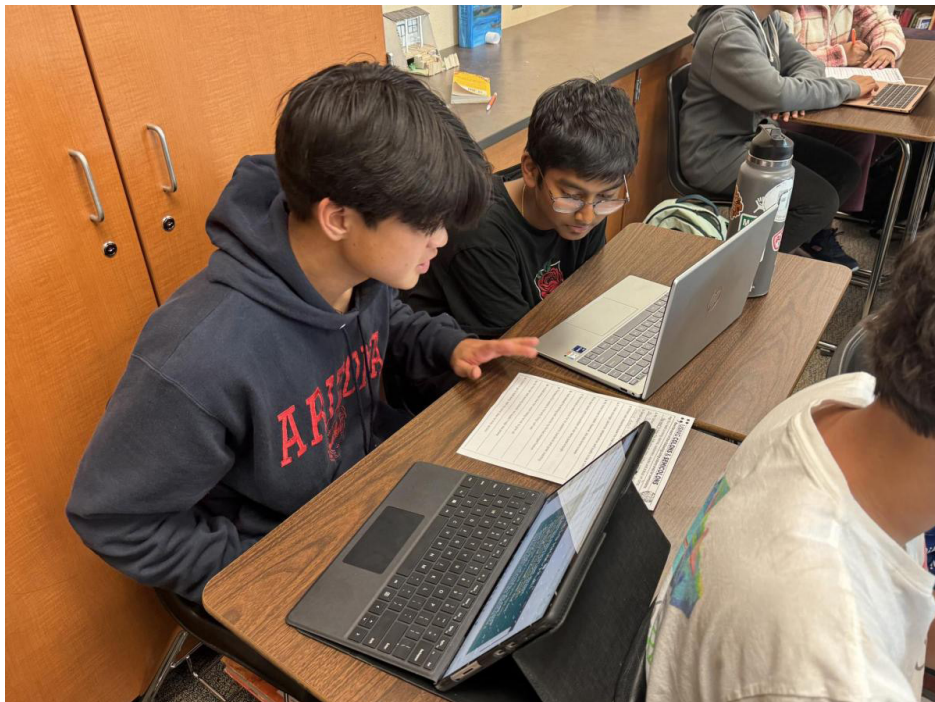
Grade 11

Prerequisite for AP Language and Composition = must be Advanced or Proficient in reading and writing – 9th grade, plus at least a B average in English II or English II Honors.

Grade 12

Prerequisite for AP Literature and Composition = must be Advanced or Proficient in reading and writing – 10th grade, plus at least a B average in English III or AP Language and Composition.

Prerequisite for CE Courses = must meet minimum test scores and be accepted to Arapahoe Community College



Language Arts

Course Descriptions

ENGLISH I		Course #	Credit	Level	Prerequisite	CCHE	Fee
		50300S1 50300S2	1.0	9	None	Yes	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		This yearlong course is designed to help students' transition to the high school English program by refining and strengthening reading, writing, and communication skills. It gives students the opportunity to develop an understanding and appreciation of world literature. Students will study literature through the genres of novel, drama, short story nonfiction, and poetry, as well as through common themes. Students are evaluated using the DCSD reading and writing standards and proficiencies are reported at the end of the year. The study of grammar, vocabulary, usage and mechanics will be integrated with the students' writing. Homework plays an essential role in the course along with the study of vocabulary.					
ENGLISH I HONORS		Course #	Credit	Level	Prerequisite	CCHE	Fee
		50310S1 50310S2	1.0	9	Teacher's Recommendation	Yes	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		The yearlong, accelerated course includes the literature and writing experiences of English I at an accelerated level. The course is intended for students capable of a challenging curriculum, and it provides a strong foundation for subsequent Honors and Advanced Placement English classes. In Honors English I, students will be expected to handle a greater amount of assigned reading than in English I and will compose more sophisticated essays, including the critical analysis essay and persuasive essay. Honors English I students will also study vocabulary. Homework is an essential part of the course, and students will be expected to complete summer reading in preparation of the school year. Students are evaluated using DCSD reading and writing standards.					
ENGLISH II		Course #	Credit	Level	Prerequisite	CCHE	Fee
		50330S1 50330S2	1.0	10	None	Yes	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		English II is a yearlong course intended to help students strengthen their writing, reading, and communication skills. Students will study a variety of themes, using the genres of novel, short story, nonfiction, poetry, essay, speeches and drama from world authors. In addition, students will be expected to successfully compose a major research paper; multi-paragraph, thesis-driven essays; critical analysis essays; essay tests; nature writing; and first person, narrative accounts. Homework plays an essential role in the course, along with the study of vocabulary. Students are evaluated using DCSD reading and writing standards.					

ENGLISH II HONORS	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	50340S1 50340S2	1.0	10	<i>Teacher's Recommendation</i>	Yes	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This yearlong, accelerated course includes much of the literature, vocabulary study, and writing experiences of English II, but at an accelerated level (reading assignments, homework, and complexity of writing will be augmented). This course is intended for students capable of a challenging curriculum and provides a strong foundation for subsequent Advanced Placement English classes. In addition, the study of grammar, usage, and mechanics will be integrated with the students' writing. Students will also be given the opportunity to meet several district reading and writing standards. In addition to the increased homework load, Honors English II students will be expected to complete a summer reading component in preparation for this upcoming school year.					
ENGLISH III	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	50360S1 50360S2	1.0	11	<i>None</i>	Yes	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This course will emphasize the diverse literary and cultural traditions that coincide with the economic, geographic and government developments in American History from Puritan writers to the present. Readings will include novels, poetry, plays and nonfiction texts.					
COLLEGE PREP READING/ WRITING	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	50515S1 50515S2	1.0	11	<i>None</i>	Yes	
	This course teaches the college-bound student to write clearly and effectively for a variety of college situations, regardless of the student's major field of study. In addition, the course emphasizes vocabulary building and broadens critical thinking skills through reading and language activities. This course is designed to help students prepare for the demanding reading requirements in college. Students will learn and practice skills to improve their reading speed and comprehension. They are also expected to write a literary research paper. Students will increase their vocabulary and learn other valuable skills to help make the transition to college a smooth one.					

AP LANGUAGE & COMPOSITION

Course #	Credit	Level	Prerequisite	CCHE	Fee
50390S1 50390S2	1.0	11	<i>Teacher's Recommendation Application & "B" or better in high school English courses.</i>	Yes	\$99 for cost of AP Exam plus

Meets Graduation Requirements in:

Language Arts

May be taken more than once for credit.

May be taken only once for credit.

This college-level, yearlong writing course prepares students for the Advanced Placement Language and Composition exam in May, through the study of rhetorical modes, from argument to analysis to expository essays. The writing is done using a process approach as well as a large number of timed, in-class essays. The class emphasizes college-level reading and writing experiences, including researched arguments. RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. Time: We read approximately two longer works (novel, play or nonfiction piece) per semester, as well as numerous shorter essays and excerpts each week. Students should expect to write an average of two essays per week. Reading often extends over holiday breaks, and students must be comfortable with a serious workload. Skills: Students must be proficient in all Language Arts Standards. Students complete summer reading of at least two books.

ENGLISH IV

Course #	Credit	Level	Prerequisite	CCHE	Fee
50440S1 50440S2	1.0	12	None	Yes	

Meets Graduation Requirements in:

Language Arts

May be taken more than once for credit.

May be taken only once for credit.

The senior-level, yearlong course is designed for college-bound students to better understand the world through its literature – past and present. Composition, interwoven throughout the study of diverse literature, will be designed to help students write with clarity and effectiveness to better prepare them for a variety of college writing situations. The building of vocabulary will also be incorporated with the wide-ranging scope of literature. Out-of-class work is an essential component of the course.

AP LITERATURE & COMPOSITION	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	50400S1 50400S2	1.0	12	<i>Teacher's Recommendation Application & "B" or better in high school English courses.</i>	Yes	\$99 for cost of AP Exam
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	40420S1/S2 & 40419S1/ S2	2.0	12	<i>Application and Teacher's Recommendation</i>	Yes	
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Senior Studies is a two-credit, two-period class that combines language arts, social studies, and service-learning. The first semester offers an interdisciplinary approach to thematic units such as – Induction, Writing, History,, Social Responsibility, relative issues, and Personal Expression. The class provides students more experiential learning opportunities through community outings, panel discussions, long-term service projects, and group work. During the second semester, students partake in an independent project of their own design. Projects include internships, service projects, academic research, and select reading. At the end of the semester students present their work to a committee of adults and peers, as well as to a larger audience during a Community Presentation. 50 hours of community service are required each semester. *Students will need access to a reliable form of transportation.</p>					

ACC-121 ENGLISH COMPOSITION (ACC/CE)	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	69025S1	0.5	12	<p><i>ACC/CE Contract & ACC Application</i> <i>This is a concurrent enrollment course and requires the CE application with Arapahoe Community College, COF application, ACT Eng 18 or SAT English score of 470 or Accuplacer writing 246, and Eng III, (S2)'B' or better and a 3.0 overall GPA.</i></p>	Yes	cost of textbooks and novels
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This class is the first semester class and must be followed by Introduction to Literature I (69027S2). This class 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.</p>					
ACC-115 INTRODUCTION TO LITERATURE (ACC/CE)	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	69027S2	0.5	12	<p><i>ACC/CE Contract & ACC Application</i> <i>(Must take Eng. Composition I)</i> <i>This is a concurrent enrollment course and requires the CE application with Arapahoe Community College, COF application, ACT Eng 18 or SAT English score of 470 or Accuplacer writing 246, and Eng III, (S2)'B' or better and a 3.0 overall GPA.</i></p>	Yes	cost of textbooks and novels.
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This class is the second semester class following completion of English Composition I (69025S1). This class introduces students to fiction, poetry, and drama. It also emphasizes active and responsive reading. This course is one of the statewide Guaranteed Transfer courses. GTAH2. Recommended: College-level reading ability.</p>					

Language Arts Electives

Course Descriptions

CREATIVE WRITING I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	50470	0.5	9-12	None	Yes	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	During this semester elective course, students will plan, write, revise, and produce several forms of creative writing including short stories, poetry, screenplays and print or video media. Students will study examples from the various modes of creative writing to assist them in creating their own original work, and then will engage in extensive critiquing, editing and rewriting activities.					
CREATIVE WRITING II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	50480	0.5	9-12	Creative Writing I	Yes	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This elective writing course may only be taken after completion of Creative Writing I. Students will plan, write, revise, and produce several forms of creative writing, including short stories, poetry, and screenplays. The assignments will go beyond Creative Writing I, and will normally demand greater length and sophistication.					
JOURNALISM/DIGITAL MEDIA	Course #	Credit	Level	Prerequisite	CCHE	Fee
	50406	0.5	9-12	None	No	
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This course introduces students to the fundamentals of journalism and digital media; skills learned will include web design and content, interviewing, journalistic writing, revising, editing, press law, and ethics. Students will be expected to spend after-school hours investigating and writing stories. Successful completion of this course may lead to a position on the staff of the school yearbook or the school news media course. This is the gateway course to working on Newspaper or Yearbook, but also is beneficial to anyone wanting to improve writing and understanding of media. This course must be taken during the first semester if a student is planning on taking Newspaper or Yearbook the second semester of the same year.					

LITERATURE OF FILM I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70745	0.5	9-12	None	No	None
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>During this semester elective course, students will read, study, discuss, and analyze (both orally and in writing) the literary elements present in film by approaching the films from a literary, historical and dramaturgical point of view. Students will also study how the visual media is used as propaganda.</p>					
MASS MEDIA & COMMUNICATIONS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	50550	0.5	9-12	None	No	
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Students will develop professional skills essential for competence in electronic news writing and editing, photography and videography, social media management and basic production for rockmediaonline.org. They will study and evaluate issues facing electronic news, learn basic reporting, use of equipment and presentation. They will combine their knowledge of these skills to produce content and manage rockmediaonline.org. The goals of this course are to provide basic instruction in communication skills, to understand how media functions in a community and to introduce technical skills involved with a professional media website. During the course students will work in a variety of roles – reporter, editor, photographer, producer and website manager.</p>					
NEWSPAPER/ DIGITAL PUBLISHING	Course #	Credit	Level	Prerequisite	CCHE	Fee
	50413(S1) 50413(S2)	0.5	9-12	Teacher's Recommendation	No	none
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>During this repeatable, semester-long course students will plan, write, and produce content for the Rock and the Rock Online. All students will write for each issue. In addition, students will take photographs; sell and design advertising; create headlines; maintain the bookkeeping system; and, in every way appropriate, be accountable for the publication of the school paper. This course requires students to be available after school, particularly during deadlines, and emphasizes a team approach to successful publication. All students will learn journalism skills such as digital media basics, social media ethics, interviewing, writing, revising, editing, and page/web design. Successful completion of journalism/photojournalism is highly recommended.</p>					

PHOTOJOURNALISM		Course #	Credit	Level	Prerequisite	CCHE	Fee
		50415	0.5	9-12	None	No	
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>Photojournalism is a semester-long course that combines digital photography, processing of photographs using Adobe Photoshop and publishing work in print and on the Web. The photo skills will be complemented by practice in covering school events and writing complete captions and controlled anecdotes. Students are strongly encouraged to have use of a digital SLR camera to use during this semester, as the school has only a limited number of cameras for student use. This course is highly recommended for those interested in working on the Black & Gold yearbook.</p>					
PUBLIC SPEAKING		Course #	Credit	Level	Prerequisite	CCHE	Fee
		50700	0.5	9-12	None	No	
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>In this course, students will develop self-confidence through writing and presenting speeches on various subjects. Developing skills in researching, outlining, speech writing, and critical listening will be stressed, with special emphasis on organization and delivery of speeches. Practical application of public speaking skills will also be demonstrated through group discussion activities. Note: students must also be enrolled in English I, II, III, or IV. This course is highly recommended for all Honors/AP, and CE English and Senior Studies.</p>					
YEARBOOK/ DIGITAL PUBLISHING		Course #	Credit	Level	Prerequisite	CCHE	Fee
		50420(S1) 50420(S2)	0.5	9-12	Teacher's Recommendation	No	
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>During this repeatable, semester-long course, students will plan, write, and produce the high school yearbook as well as produce content for the student media website. Students will practice and learn media skills such as digital media basics, social media ethics, interviewing, writing, revising, editing, and page/web design, and photography. Students will be expected to compose captions, headlines, and stories. This course requires students to be available after school, from time to time for reporting and photography, particularly during deadlines, and emphasizes a team approach to successful publication. *RHMS students who have taken Yearbook at the middle school can register for this course with approval from their advisor. Successful completion of journalism or photojournalism is strongly recommended.</p>					

SCIENCE FICTION & FANTASY

Course #	Credit	Level	Prerequisite	CCHE	Fee
50610	0.5	9-12	None	No	none

Meets Graduation Requirements in:

Language Arts

May be taken more than once for credit.

May be taken only once for credit.

This course is a study of science fiction and fantasy literature. Students will read a variety of texts associated with that genre, discuss prominent and relevant themes, and prepare a variety of literary projects including creative and written responses.

Mathematics

Department Chair: Audry Hunt
 Course Offerings

Registration for all math courses requires a recommendation signature from the current math teacher and stated prerequisite courses and course grades. Three years of mathematics are required for graduation from DCSD High Schools. Four years of mathematics are required to be admitted to a four year college in Colorado.

ROCK CANYON HIGH SCHOOL MATH COURSE FLOWCHART

8TH GRADE	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Math 8	Algebra I with Supplemental Math Lab	Topics in Geometry Algebra and Trig	Algebra II	Math of Money Discrete/Statistics
Math 8	Algebra I	Geometry	Algebra II Algebra II/Trig	Discrete/Statistics College Algebra/ Trig Trig Pre Calculus AP Statistics
Algebra I	Algebra I Honors	Geometry Honors	Honors Algebra II/Trig	Honors Trig Pre Calculus
Algebra I	Geometry	Algebra II/Trig	Trig Pre Calculus	AP Calc AB AP Statistics
Algebra I	Geometry Honors	Honors Algebra II/Trig	Honors Trig Pre Calculu	AP Calc AB AP Calc BC AP Statistics
Geometry	Algebra II/Trig	Trig Pre Calculus	AP Calc AB AP Statistics	AP Calc BC AP Statistics
Geometry	Honors Algebra II/Trig	Honors Trig Pre Calculus	AP Calc BC	Calculus III & Differential Equations

Math Course Descriptions

	Course #	Credit	Level	Prerequisite	CCHE	Fee
ALGEBRA I	60400S1 60400S2	1.0	9-12	None	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	Algebra I is appropriate placement for most incoming 9th graders. Students study variables, real numbers, first and second-degree equations, exponential, simplifying, evaluating and factoring polynomials, radicals, graphing of equations and inequalities, basic probability and statistics, and problem solving using algebra skills. Successful completion of this course is a graduation requirement. Recommended that students purchase a graphing calculator.					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
ALGEBRA I PTR w/ Supplemental Math Lab	60408S1 60408S2	1.0	9-12	Teacher Recommendation	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	Algebra 1 PTR is a co taught Algebra 1 course. Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations. This course is designed for students who have a strong work ethic but struggle grasping concepts and need more dedicated time within their school day to truly comprehend the material. The use of a calculator will be part of this course. Recommended that students purchase a scientific or graphing calculator.					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
ALGEBRA I HONORS	60409S1 60409S2	1.0	9-10	Teacher Recommendation	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	The Algebra I Honors course is for students who have successfully completed Algebra I at the middle school, but who are found to have some skill gaps, or students who have excelled in Math 8 (or similar). Students in this course will be challenged in a fast-moving and rigorous course that will prepare them for the high expectations of Geometry Honors and Honors Algebra II/Trig. This student-centered honors class encourages collaboration and communication along with critical thinking and creative processing amongst peers. High level problem solving skills in predictable and unpredictable situations, including but not limited to alternate forms of assessments, will be utilized to challenge students to obtain mastery. This course further explores traditional Algebra I content using higher level thinking. Successful completion (meeting the prerequisites for Geometry Honors) of this course is required to remain on the honors track. Note: Algebra I is an appropriate placement for most incoming 9th graders and is a graduation requirement. Algebra I Honors satisfies this requirement. Recommended that students purchase a scientific or graphing calculator.					

TOPICS IN ALGEBRA GEOMETRY AND TRIG	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60340S1 60340S2	1.0	10-12	<i>Algebra I (or equivalent)</i>	No	Calculator permitted
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>The focus of this course is geometry foundations, measurement, and applications. Students taking this course will use a variety of tools and techniques to communicate the reasoning involved in solving problems. Students study spatial relationships of two and three-dimensional figures, through logical deductions, construction activities and practical applications using problem solving strategies. This course is an extension of algebra and applied geometry, and will include basic concepts of trigonometry. Students will also develop test-taking strategies.</p> <p>Note: May meet HEAR guidelines depending on the level of classes taken following it.</p>					
GEOMETRY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60590S1 60590S2	1.0	9-12	<i>Algebra I and Geometry (or equivalent)</i> <i>Students must achieve a B or better in both semesters of Algebra 1 and a B or better in both semesters of Geometry to register for this course.</i>	Yes	Recommended that students purchase a graphing calculator.
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course explores the foundational concepts of geometry, including the study of points, lines, angles, shapes and space. Students develop skills in logical reasoning, problem-solving, and critical thinking by applying geometry principles to real-world situations. Topics covered include congruence, similarity, properties of triangles, circles, polygons, three-dimensional figures, and basic right triangle trigonometry, as well as coordinate geometry and transformations. The course emphasizes understanding and proving geometric theorems, along with practicing Algebraic concepts involving linear, quadratic and systems of equations.</p> <p>Recommended that students purchase a scientific or graphing calculator.</p>					
GEOMETRY HONORS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60450S1 60450S2	1.0	9-10	<i>85% or higher in Algebra I Honors or teacher recommendation</i>	Yes	Recommended that students purchase a graphing calculator.
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This accelerated course offers increased rigor and pacing compared to regular geometry, delving deeper in both geometric and algebraic concepts. Students will engage in advanced proof techniques and explore real-world applications. Ideal for motivated learners, this course emphasizes critical thinking and problem-solving skills, preparing students for higher-level mathematics. High level problem solving skills in predictable and unpredictable situations, including but not limited to alternate forms of assessments, will be utilized to challenge students to obtain mastery. A strong foundation and mastery of algebraic concepts is necessary for success.</p> <p>Recommended that students purchase a scientific or graphing calculator.</p>					

ALGEBRA II/ TRIG		Course #	Credit	Level	Prerequisite	CCHE	Fee
		60590S1 60590S2	1.0	10-11	<i>Students must achieve a B or better in both semesters of Algebra I and Geometry or Teacher Recommendation</i>	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		Students continue their study of algebraic equations and functions. Other topics include rational, irrational, exponential, and logarithmic functions and their graphs, and using problem solving skills. Topics in Trig will include the Unit Circle, Right Triangle Trigonometry and analyzing the Trig Functions and their graphs. Recommended that students purchase a graphing calculator.					
HONORS AL- GEBRA II/TRIG		Course #	Credit	Level	Prerequisite	CCHE	Fee
		60550S1 60550S2	1.0	9-10	<i>Geom/Teacher Rec/Placement Score Incoming Freshman must achieve a B or better in both semesters of Algebra I and at the end of both semesters of Geometry, teacher recommendation and appropriate placement score to register for this course. Incoming freshmen must have a teacher recommendation and the appropriate placement score. Incoming freshmen must have a teacher recommendation and the appropriate placement score. Incoming Sophomores, A both semesters of Algebra I & Geometry.</i>	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		This is a rigorous course for highly motivated students. It is a comprehensive study of functions, including linear functions, quadratic functions, exponential functions, logarithmic functions, rational and irrational algebraic functions, and higher degree functions. It also includes sequences, series, and probability. Topics in Trig will include the Unit Circle, Right Triangle Trigonometry and analyzing the Trig Functions. The use of a graphing calculator will be part of this course. Recommended that students purchase a graphing calculator.					
ALGEBRA II		Course #	Credit	Level	Prerequisite	CCHE	Fee
		60440S1 60440S2	1.0	11-12	<i>Algebra I and Geometry (or equivalent)</i>	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.		Students continue their study of algebraic equations and functions. Other topics include rational, irrational, exponential, and logarithmic functions and their graphs, and using problem solving skills. The use of a graphing calculator will be part of this course. Recommended calculators are TI-84 Plus, TI-84 Plus CE, or TI-83. Recommended that students purchase a graphing calculator.					

	Course #	Credit	Level	Prerequisite	CCHE	Fee
TRIGONOMETRY/ PRE- CALCULUS	60611S1 60611S2	1.0	10-12	<i>Students must achieve 80.0% or better at the end of both semesters of Algebra II/Trig.</i>	Yes	Recommended that students purchase a graphing calculator.

Meets Graduation Requirements in:

Mathematics

May be taken more than once for credit.

May be taken only once for credit.

This course covers the study of trigonometric and circular functions and their applications, analytical geometry, and other advanced analytical topics to prepare for the study of Calculus. The use of a graphing calculator will be part of this course.
Recommended that students purchase a graphing calculator.

	Course #	Credit	Level	Prerequisite	CCHE	Fee
HONORS TRIG/ PRECALC	60752S1 60752S2	1.0	9-11	<i>Honors Algebra II/Trig Students must achieve an 85% or better at the end of both semesters of Honors Algebra II/Trig to register for this course and teacher recommendation. Incoming freshmen must have a teacher recommendation and the appropriate placement score.</i>	Yes	Recommended that students purchase a graphing calculator.

Meets Graduation Requirements in:

Mathematics

May be taken more than once for credit.

May be taken only once for credit.

This is a rigorous course for highly motivated students. This course will cover the study of trigonometric and circular functions and their applications, analytical geometry and other advanced analytical topics to prepare for the study of Calculus. This course will also begin the study of Calculus to prepare students for AP Calculus BC. The use of a graphing calculator will be part of this course.
Recommended that students purchase a graphing calculator.

	Course #	Credit	Level	Prerequisite	CCHE	Fee
COLLEGE AL- GEBRA	60570	0.5	11-12	<i>Algebra II or Algebra II/Trig Students must achieve an 80% or better at the end of both semesters of Algebra II to register for this course.</i>	Yes	Recommended that students purchase a graphing calculator.

Meets Graduation Requirements in:

Mathematics

May be taken more than once for credit.

May be taken only once for credit.

This course will continue the study of algebraic equations and functions including logarithms. It is highly recommended that this course is taken in conjunction with Trigonometry. The use of a graphing calculator will be part of this course.
Recommended that students purchase a graphing calculator.

	Course #	Credit	Level	Prerequisite	CCHE	Fee
TRIGONOMETRY	60600	0.5	11-12	<i>Algebra II or Algebra II/Trig Students must achieve an 80.0% or better at the end of both semesters of Algebra II.</i>	Yes	Recommended that students purchase a graphing calculator.

Meets Graduation Requirements in:

Mathematics

May be taken more than once for credit.

May be taken only once for credit.

Prerequisite: Students must achieve an 80% or better at the end of both semesters of Algebra II to register for this course.

This course will cover trigonometric and circular functions, as well as right triangle trigonometry laws of sine and cosine, and their applications. Expense: The use of a graphing calculator will be part of this course. Recommended that students purchase a graphing calculator.
Recommended that students purchase a graphing calculator.

PRE CALCULUS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60610	0.5	12	<i>Trigonometry / Pre-Calculus</i>	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This non-AP course precedes Calculus A. It covers advanced analytical topics. Expense: The use of a graphing calculator will be part of this course. Recommended that students purchase a graphing calculator.					
CALCULUS A	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60674	0.5	12	<i>Pre-Calculus 60610</i>	Yes	Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This non-AP course is an introduction to basic calculus. Topics include limits, continuity, derivatives and integrals and their applications. The use of a graphing calculator will be part of this course. Recommended that students purchase a graphing calculator.					
AP CALCULUS AB	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60625S1 60625S2	1.0	10-12	<i>Trig Pre/Calc or Honors Trig Pre/Calc Students must achieve an 80% or better at the end of both semesters of Trig/Pre Calculus to register for this course.</i>	Yes	\$99 for the cost of the AP exam. Recommended that students purchase a graphing calculator.
Meets Graduation Requirements in: Mathematics <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This is a rigorous advanced placement course for highly motivated students. This course is a comprehensive study of 1 st semester college Calculus, including the study of derivatives, integrals, and their applications. Students will be prepared to sit for the AP Calculus AB exam, which allows for the student to test out of one semester of college Calculus. Students need to have a solid foundation in all levels of mathematics, from Algebra 1 to Pre-Calculus. RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. Time: Skills: Students need to have a complete and comprehensive understanding of all math skills from Algebra 1 to Pre-Calculus. Recommended that students purchase a graphing calculator.					

AP CALCULUS BC	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	60650S1 60650S2	1.0	10-12	<p><i>Honors Trig Pre/Calc or AP Calc AB</i></p> <p><i>Students must achieve an 85% or better at the end of both semesters of Honors Trig/Pre Calculus or an 80% or better at the end of both semesters of AP Calculus AB to register for this course.</i></p>	Yes	\$99 for the cost of the AP Exam. Recommended that students purchase a graphing calculator.
<p>ACC-MAT 2431 Calc III and ACC-MAT 2560 Differential Equations</p>	69034 69227	1.5	11-12	<p><i>3.0 GPA AND MAT 202 OR AP score of 4 or 5 on Calculus BC</i></p>	Yes	Recommended that students purchase a graphing calculator.
<p>Meets Graduation Requirements in:</p> <p>Mathematics</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>						<p>This is the third course in the three-course calculus sequence with an emphasis on application and problem solving. MAT 2431 will contain a thorough examination of vector algebra, multivariable functions, multiple integrals for regions in the plane and space, evaluation of double and triple integrals, line integrals, Stokes' Theorem, Green's Theorems, Divergence Theorem and the use of the Jacobian and Lagrange multipliers. A graphing calculator is required for this course. A TI-89 is preferred.</p> <p>This course introduces ordinary differential equations with an additional emphasis on applications and problem solving. Students will solve first and second order linear, homogeneous and non homogeneous differential equations using Laplace Transforms and Power Series, and use/apply Euler's Method. A graphing calculator is required for this course.</p> <p>Recommended that students purchase a graphing calculator.</p>

AP Statistics	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60801S1 60801S2	1.0	11-12	<i>Algebra II / Trig</i> <i>Students must achieve a 90% or higher in Algebra 2 Trig or College Algebra semester 1 to register for this course and maintain respective percentages or better through semester 2. A strong language arts grade is recommended.</i>	Yes	\$99 for cost of AP Exam. Students are required to have a graphing calculator with statistical capabilities.

Meets Graduation Requirements in:

Mathematics

May be taken more than once for credit.

May be taken only once for credit.

Advanced Placement Statistics is a college-level course designed to 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; (Observing patterns and departures from patterns), Planning a Study; (Deciding what and how to measure), Anticipating Patterns; (Producing models using probability and simulation,) and Statistical Inference; (Estimating parameters and testing hypotheses). RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. Skills: Students should have successfully completed Algebra II/Trig. Students must be willing to commit to 30-40 minutes of study per night. Students must access class websites on a regular basis to view assignments, supplemental websites and course materials.

DISCRETE MATH	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60800	0.5	12	<i>Algebra II</i>	Yes	Recommended that students purchase a graphing calculator.

Meets Graduation Requirements in:

Mathematics

May be taken more than once for credit.

May be taken only once for credit.

This course introduces students to the fundamental concepts of discrete mathematics, focusing on mathematical structures that are distinct and countable. Topics include electron theory, fair division, matrices, graph theory and logic. Students will explore problem-solving and analytical skills through real-world applications, including decision-making processes, resource allocation, and network analysis. Emphasis is placed on critical thinking and mathematical reasoning.

Recommended that students purchase a graphing calculator.

PROBABILITY AND STATISTICS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60775	.5	12	<i>Algebra II</i>	Yes	Recommended that students purchase a graphing calculator.

Meets Graduation Requirements in:

Mathematics

May be taken more than once for credit.

May be taken only once for credit.

This course provides an introduction to the basic concepts and methods of statistics, focusing on data collection, analysis, and interpretation. Students will learn to organize and display data, understand measures of central tendency and variability, and explore concepts of probability. Key topics include statistical distributions, sampling techniques, correlation, regression, and hypothesis testing. Through real-world applications and projects, students will develop critical thinking skills and learn to make informed decisions based on data. This course serves as a foundation for further studies in statistics and data analysis.

Recommended that students purchase a graphing calculator.

STATISTICAL REASONING	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60803S1 60803S2	1.0	11-12	<i>Algebra II - Students must achieve an 80% or better at the end of Algebra II or College Algebra, 70% or better at the end of Algebra II/Trig semester 1 to register for this course and maintain respective percentages or better through semester 2. A strong language arts grade is recommended.</i>	Yes	Recommended that students purchase a graphing calculator with statistical capabilities (recommend a TI-83+ or TI-84+).

Meets Graduation Requirements in:
Mathematics

May be taken more than once for credit.

May be taken only once for credit.

This course will use the relevant topics and data sets of sports and other real life situations to cover many introductory college-level statistics course topics, including designing studies, exploratory data analysis, regression, probability distributions, normal and binomial distributions, and hypothesis testing. The purpose of this course is to provide students with a class that introduces them to statistical reasoning in a context that is rich with examples likely to spark their interest.

Recommended that students purchase a graphing calculator with statistical capabilities.

MATHEMATICS OF MONEY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	60916S1 60916S2	1.0	11-12	<i>Topics in Algebra, Geometry and Trig</i>	No	Workbook required. \$35.00.

Meets Graduation Requirements in:
Mathematics

May be taken more than once for credit.

May be taken only once for credit.

Students will use spreadsheets, internet sites, financial publications, and other resources to explore money and its relation to their lives. Savings, earnings, business ventures, credit cards, investments, insurance, taxes, and purchases are some of the topics to be studied.



Music

Department Chair: Julia Dale

Course Offerings

Check the prerequisite for each course for registration.

Registration for Advanced Placement (AP) can be found under the Advanced Placement Course Section.

Grade	Courses Offered	
9	Concert Band Symphonic Band (Audition Only) Tenor/Bass Choir Treble Choir Percussion Tech (Color Guard) Guitar I Guitar II	Jazz Ensemble (Audition Only) Percussion Tech (Marching Band) Music Theory Orchestra String Orchestra (Audition Only) Digital Audio Production
10	Concert Band Symphonic Band (Audition Only) Select Mixed Choir (Audition Only) Select Treble Choir (Audition Only) Select Men's Choir (Audition Only) Tenor/Bass Choir Treble Choir Percussion Tech (Color Guard) Digital Audio Production (Fine and Practical Art)	Men's Select Choir (Audition Only) Jazz Ensemble (Audition Only) Percussion Tech (Marching Band) AP Music Theory (Teacher Signature) Chamber Orchestra (Audition Only) String Orchestra Music Theory Orchestra Guitar Guitar II Guitar III
11	Concert Band Symphonic Band (Audition Only) Select Mixed Choir (Audition Only) Select Treble Choir (Audition Only) Select Men's Choir (Audition Only) Tenor/Bass Choir Treble Choir Percussion Tech (Color Guard) Digital Audio Production (Fine and Practical Art)	Men's Select Choir (Audition Only) Jazz Ensemble (Audition Only) Percussion Tech (Marching Band) AP Music Theory (Teacher Signature) Chamber Orchestra (Audition Only) String Orchestra Music Theory Orchestra Guitar Guitar II Guitar III
12	Concert Band Symphonic Band (Audition Only) Select Mixed Choir (Audition Only) Select Treble Choir (Audition Only) Select Men's Choir (Audition Only) Tenor/Bass Choir Treble Choir Percussion Tech (Color Guard) Digital Audio Production (Fine and Practical Art)	Men's Select Choir (Audition Only) Jazz Ensemble (Audition Only) Percussion Tech (Marching Band) AP Music Theory (Teacher Signature) Chamber Orchestra (Audition Only) String Orchestra Music Theory Orchestra Guitar Guitar II Guitar III

Music Course Descriptions

CONCERT BAND		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70355S1 70355S2	1.0	9-12	2 Years of Band	No	\$50 per semester
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>Concert Band students will be actively involved in the development of overall musicianship and technique. Students will study all types of music. Comprehensive musicianship will be stressed through intermediate/advanced level literature. Studies will include sight reading, listening, creating music, theory and relating music to other disciplines and cultures. This band is a performance-based class and all concerts are REQUIRED. This is a yearlong course. Instrument Rental: \$50.00 per semester for school owned instruments. Percussion Instrument Rental: \$60.00 per semester including some mallets. Will need to purchase concert attire.</p>					
SYMPHONIC BAND		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70325S1 70325S2	1.0	9-12	Audition	No	\$50 per semester
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>This group will consist of all band members, grades 9–12. Students will study all types of music. Comprehensive musicianship will be stressed through advanced level literature. <i>At home practice is a must.</i> Studies will include sight reading, listening, creating music, music theory, and relating music to other disciplines and cultures. This band is a performance-based class and all concerts are REQUIRED. Fees: Instrument Rental: \$50.00 per year for school owned instruments. Percussion Instrument Rental: \$60.00 per semester including some mallets. Will need to purchase concert attire.</p>					
SELECT MIXED CHOIR		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70630S1 70630S2	1.0	10-12	Audition	No	\$50 per semester
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>This course is for 25-35 highly Select singers. Singers will be selected for this ensemble by audition only in April. This choir is available to students at the 10th, 11th, and 12th grade levels who demonstrate high levels of vocal skills and personal responsibility as well as a scholarly attitude towards musicianship. To be selected for Select Mixed Choir, students must demonstrate expressive singing, excellent pitch and superior knowledge of musical notation. Emphasis will be on developing maturity and precision in the performance of the full range of advanced choral literature. <i>All performances and extra rehearsals/performances are mandatory.</i> This is a yearlong course. Fee: Purchase of uniform will be required (approx. \$90-\$100).</p>					

SELECT TREBLE CHOIR		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70550S1 70550S2	1.0	10-12	<i>Audition</i>	No	
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>Select Treble Choir is a highly Select vocal ensemble for sopranos and altos. Students will be selected for this choir by audition only in April. This choir is available to treble singers at the 10th, 11th, and 12th grade levels who demonstrate high levels of vocal skills and personal responsibility as well as a scholarly attitude toward musicianship. To be selected for Select Treble Choir, students must demonstrate expressive singing, good pitch, and some knowledge of the printed musical page. Emphasis will be on developing maturity and precision in the performance of the full range of choral literature for treble voices. <i>All performances and extra rehearsals/performances are mandatory.</i> This is a yearlong course. Fee: Purchase of uniform will be required (approx. \$90.00).</p>					
SELECT MEN'S CHOIR		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70565S1 70565S2	1.0	10-12	<i>Audition</i>	No	
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>Select Men's Choir is a select vocal ensemble for tenors and basses. Students will be selected for this choir by audition only in April. This choir is available to tenor/bass singers at the 10th, 11th and 12th grade levels who demonstrate high levels of vocal skills and personal responsibility as well as a scholarly attitude towards musicianship. To be selected for Select Men's Choir, students must demonstrate expressive signing, good pitch, and some knowledge of the printed musical page. Emphasis will be on developing maturity and precision in the performance of the full range of choral literature for tenor/bass voices. All performances and extra rehearsals/performances are mandatory. This is a yearlong course. Fee: Purchase of uniform will be required (approx. \$100).</p>					
TENOR/BASS CHOIR		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70513	1.0	9-12	<i>None</i>	No	
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>This is an entry-level singing group for tenors and basses. This course will stress two and three-part singing, emphasizing a cappella as well as accompanied music. Vocal production and music fundamentals will be stressed. Members will study and perform music of all types, from differing periods of time. Comprehensive musicianship will be stressed, including sight reading, listening, creating music, music theory, and relating music to other disciplines and cultures. All performances are mandatory. This is a yearlong course. Fee: Purchase of uniform will be required (approx. \$100).</p>					

TREBLE CHOIR		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70512S1 70512S2	1.0	9-12	None	No	
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>Treble Choir is an entry-level singing group for sopranos and altos. This course will stress two, three and four-part treble singing, emphasizing a cappella as well as accompanied music. Vocal production and music fundamentals will be stressed. Repertoire to be learned and performed will include music of classic choral composers as well as folk songs, spirituals, and Broadway music. Comprehensive musicianship will be stressed, including sight reading, listening, music theory, and relating music to other disciplines and cultures. All performances are mandatory. This is a yearlong course. Fees: Purchase of a concert uniform will be required (approx. \$80.00).</p>					
PERCUSSION TECH (COLOR GUARD)		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70400	0.5	9-12	<i>Audition and Director approval.</i>	No	\$100 (Additional fees approx \$600)
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>This is a fall semester course only. This class meets during the school day and is a supplement for Marching Band that meets after school. Color Guard is a demanding activity and this class allows color guard members to learn, perfect, and create movement for our competitive field show. Students and marching band staff will work together to develop and perfect an artistic visual presentation and perform challenging and relevant musical repertoire while learning proper performance etiquette. All rehearsals, performances, football games, and competitions are a required part of this course. The competitive marching season concludes in early November. (additional fees may apply- approx \$600).</p>					
DIGITAL AUDIO PRODUCTION		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70685	0.5	9-12	<i>Prior Knowledge of Musical Elements Suggested</i>	No	\$20
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>		<p>This semester long class will offer students a music experience through software, equipment, and technology currently used in the music production industry. Students will learn terminology, basic acoustic principles, recording techniques, sound production, film scoring, mixing and mastering, and various other relevant industry trends. This is a project-based course. It is highly recommended that students have some prior knowledge of musical elements to be more successful in this course.</p>					

	Course #	Credit	Level	Prerequisite	CCHE	Fee
GUITAR I	70487	0.5	9-12	Guitar	No	Purchase of books to be provided (\$33), and every student is responsible for providing their own ACOUSTIC guitar (electric guitars cannot be used in this class).
	<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p> <p>This class is for beginning guitar students ONLY. The purpose of this class is to cover the various aspects of playing the guitar and music in general. Topics covered include: posture, chord playing and writing, basic music theory, standard and Tablature notation, reading and writing melodies, and basic strumming patterns. Students must reinforce concepts with practice at home. Fees:</p>					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
GUITAR II	70488	0.5	9-12	<i>This course is open to any student who has successfully passed Guitar I or possesses equal guitar expertise.</i>	No	Every student is responsible for providing their own ACOUSTIC guitar (electric guitars cannot be used in this class). No fee
	<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p> <p>Guitar II is an extension of the basic skills learned in Beginning Guitar as well as a focus on the following: mastery of standard and Tablature notation, fundamental scale and technical exercises, mapping the entire fretboard, barre chords, fingerstyle playing, and an introduction to different musical genres (i.e. Folk, classical, blues, and rock). Students must reinforce concepts with practice at home.</p>					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
GUITAR III	70489	0.5	10-12	<i>Guitar II This course is open to any student who has successfully passed Guitar II or who possesses appropriate guitar expertise.</i>	No	Every student is responsible for providing their own ACOUSTIC guitar (electric guitars cannot be used in this class).
	<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p> <p>Guitar III will focus on advanced skills in the following areas: Warm-ups and technical exercises; chords in various styles and positions; performance in standard musical notation and tablature notation; fingerstyle playing; popular riffs from a variety of genres; and guitar maintenance and accessories.</p>					

JAZZ ENSEMBLE I		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70375S1 70375S2	1.0	9-12	Audition	No	
Meets Graduation Requirements in: Fine Arts <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.		Jazz ensemble is designed to be a supplementary course that expands on the knowledge and experiences students glean from RCHS concert or symphonic bands. This ensemble is an audition only group. Focuses of this course will be exposure to a variety of repertoire, improvisation, and exploration of Jazz style. This is a year-long course.					
PERCUSSION TECH (MARCHING BAND)		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70400	0.5	9-12	<i>Audition/placement, concert/symphonic band, and Director approval.</i>	No	Marching Band Fee: \$100.00 (additional fees approx \$600).
Meets Graduation Requirements in: Fine Arts <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.		This is a fall semester course only. Students will develop movement and sound production to create a field ensemble that will perform in competitions both local and around the state. Students and marching band staff will work together to develop and perfect an artistic presentation and perform challenging and relevant musical repertoire while learning proper performance etiquette. This class meets outside of the school day 2-4 times a week depending on the week's schedule. All rehearsals, performances, football games, and competitions are a required part of this course. The competitive marching season concludes in early November.					
MUSIC THEORY		Course #	Credit	Level	Prerequisite	CCHE	Fee
		70660	0.5	9-12	None	No	\$15 textbook will be provided.
Meets Graduation Requirements in: Fine Arts <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.		This class is meant for anyone wishing to develop a deeper understanding of the mechanics of music. Through rhythm, melody, harmony, form structure, and instruthe exploration of song-writing and simple composition, the students will study the fundamentals of music such as mentation.					

AP MUSIC THEORY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70659S1 70659S2	1.0	10-12	<i>Formal music instruction for a minimum of 4 years</i>	No	\$99.00 cost for AP exam. Plus purchase of textbook/workbook (approx. \$167.00).

Meets Graduation Requirements in:
Fine Arts

May be taken more than once for credit.
 May be taken only once for credit.

Prerequisite: Student must have at least 4 years of music/instrument study.
The AP Music Theory course is designed for students who are passionate about music, and who participate in formal music instruction, such as choir, orchestra, band, or private music lessons. The class is equivalent to one year of college level music theory. This music theory course develops a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a piece of music. AP Music Theory will foster fluency in sight-singing, music dictation, listening, analyzing, discussing and describing, and composing music through study of music pre-1750. Building on this foundation, the course will progress to include more creative tasks, such as harmonizing a melody, composing and analyzing two-voice and four-voice counterpoint, and realizing figured-bass notation. 45

ORCHESTRA, CHAMBER	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70461S1 70461S2	1.0	10-12	<i>Audition</i> This course is open only to students with advanced skills on a string instrument. All students will be auditioned and selected by the Director.	No	\$50 per semester

Meets Graduation Requirements in:
Fine Arts

May be taken more than once for credit.
 May be taken only once for credit.

Because this is an advanced group, significant practice at home is required, and private study outside of school is strongly recommended. Chamber Orchestra will practice and perform music representing all periods of music literature and repertoire appropriate for advanced high school string students. Most emphasis will be on string orchestra repertoire, however, some music for string, winds, and percussion, or choir may also be implemented. All performances are mandatory. Personal instruments are required unless renting a school instrument. This is a yearlong course.
Purchase of uniform will be required (approx. \$100)

ORCHESTRA STRING	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70465S1 70465S2	1.0	9-12	<i>Audition (required for freshman only) Previous experience playing a string instrument is strongly recommended.</i>	No	\$50 per semester

Meets Graduation Requirements in:
Fine Arts

May be taken more than once for credit.
 May be taken only once for credit.

The string orchestra will study various styles of music from the Baroque through the 21st century. Comprehensive musicianship will enhance individual performance as well as the overall integrity of the ensemble. In addition to musicianship, the students will learn better sight-reading and listening skills. Students will create music, study music theory and relate music to other disciplines and cultures. Private study is strongly recommended. *All performances are mandatory.* Personal instruments are required unless renting a school instrument. This is a yearlong course.
Purchase of uniform will be required (approx. \$100)

ORCHESTRA (year-long)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70460S1 70460S2	1.0	9-12	<i>Prerequisite: Primarily for students new to orchestra with experience playing a string instrument, but previous experience is not required. No audition is required.</i>	No	\$50 per semester

Meets Graduation Requirements in:
Fine Arts

May be taken more than once for credit.
 May be taken only once for credit.

Orchestra is a performing ensemble for students new to orchestra. The purpose of this ensemble is to support the students' transition to a more advanced and demanding high school program. Focus will be on the development of advanced technical skills using methodology and a wide variety of repertoire that is appropriately challenging but accessible. In addition to the development of technical skills, an opportunity to develop leadership skills and dedicated practice habits will support students' goals and aspirations for participation in upper level ensembles. An appropriate amount of practice in and outside of school is required, and quarterly performances are mandatory. Students must rent or buy their own instrument from a local music store or a limited number of rentals are available from the school.
Purchase of uniform will be required (approx. \$100)



Physical Education / Health

Department Chair: Aaron Carpenter

Course Offerings

Grade	Courses Offered	
9	Adventure Experience I Athletic Training/Sports Medicine I Athletic Training/Sports Medicine II (2 nd Semester) Healthy Decisions (Health) Shape Up Physical Education Sports Psychology & Performance	Partner PE (formerly Adaptive) Strength and Conditioning Advanced Team Sports (Competitive) Individual Sports (Indoor/Outdoor Sports) Individual Sports (Outdoor Recreation)
10-12	Adventure Experience I Adventure Experience Teacher Aide Athletic Training/Sports Medicine I Athletic Training/Sports Medicine II (2 nd Semester) Healthy Decisions (Health) Shape Up Physical Education Sports Psychology & Performance	Partner PE (formerly Adaptive) Peer Coach / Adaptive P.E. Sports Training: 9-12 (Varsity Athletes-Coach Approved) Strength and Conditioning Advanced Team Sports (Competitive) Individual Sports (Indoor/Outdoor Sports) Individual Sports (Outdoor Recreation)

PE Course Descriptions

PARTNER PE (formerly Adaptive)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75475	0.5	9-12	<i>Instructor Approval</i>	No	
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course is designed for students with special needs. Individual and group activities and exercises will be selected based according to the limitations or needs of each student to improve motor skills and group interactions while providing a beneficial P.E. experience.</p>					
ADVENTURE EXPERIENCE I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75575	0.5	9-12	<i>None</i>	No	\$20.00
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course is designed to create an environment that supports challenging one's self using cooperative skills through the use of individual and group challenge initiatives and games. Additionally, students will learn and experience the world of climbing through the use of an indoor climbing wall, will work on knot-tying skills as it relates to climbing and the outdoors, and will take part in outdoor adventures while learning related safety and skills. Fitness components, such as muscular endurance, strength, flexibility, and cardiovascular development are emphasized in the class. An insurance waiver required. All climbing equipment is provided.</p>					
ADVENTURE EXPERIENCE TEACHER AIDE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75595	0.5	11-12	Must have approval and signature of the Adventure Experience instructor and have taken Adventure Experience I.	No	
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>	<p>Students must have a strong background in all aspects of adventure, including knots, belay technique, and outdoor skills.</p>					

ADVANCED TEAM SPORTS	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>	75480	0.5	9-12	None	No	
<p>This course is specific for those who want to participate at a competitive level. This 0.5 credit course is designed to enhance skills and strategies used in team sports, such as basketball, volleyball, soccer, flag football, floor hockey, etc. Through competitive team play, students will have an opportunity to expand their knowledge of the rules of the game, along with game strategy related to each sport.</p>						
ATHLETIC TRAINING I	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	75330	0.5	9-12	None	No	\$30
<p>This is a classroom-based course for students considering future careers in athletic training, sports medicine, physical therapy or other health related fields. For students wishing to take Anatomy & Physiology, this course may be helpful to take beforehand, as it provides an introduction to the bones of the musculoskeletal system. Class work and lab work will also introduce students to Sports Medicine professions, allow CPR & First Aid certification, encourage injury recognition through observation, and teach a few taping techniques. Students may be expected to complete a few hours of practicum out of school observing at RC competitions.</p>						
ATHLETIC TRAINING II	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	75340	0.5	9-12	<p>Athletic Training I</p> <p><i>This course builds on the concepts learned in Athletic Training I. Students must earn a B or higher in Athletic Training 1 or obtain instructor approval.</i></p>	No	\$30
<p>It is recommended (but not required) that this course be taken after freshman year. Students will practice additional taping techniques and become familiar with some of the processes for injury evaluation, treatment and rehabilitation of athletic injuries. The student will gain knowledge of how to recognize common athletic injuries, learn more about signs and symptoms of concussions, and observe posture and gait. Other topics will vary but may include an athletic training room budget project and/or floor plan design.</p>						

PEER INTERN - AT1	Course #	Credit	Level	Prerequisite	CCHE	Fee
	40426	0.5	11-12	Athletic Training I and Athletic Training II Teacher Recommendation	No	
<p>Meets Graduation Requirements in:</p> <p>Physical Education Practical Arts or Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Prerequisite: Athletic Training 1, Athletic Training 2</p> <p>For students who have only taken Athletic Training 1, a teacher recommendation/ approval is needed.</p> <p>Students will help with CPR and First Aid and Taping units. Tasks include set up, clean-up, restocking tape, modeling for tape tests, etc. Students are expected to be able to work with the teacher to assist struggling students with skill practice and/or answer questions as needed.</p>					
HEALTHY DECISIONS FOR TEENS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	55300	0.5	9-12	None	No	
<p>Meets Graduation Requirements in:</p> <p>Physical Education Practical Arts or Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course may be used for 0.5 credits in Physical Education, Practical Arts or Electives.</p> <p>Healthy Decisions examines the current teen issues many students experience in high school. This course is designed to empower students with awareness and decision-making skills while covering their environmental impact, communication skills, relationships, stress management, sexual health, substance use and abuse, and mental health. Class expectations will include group discussions, group projects, occasional at-home activities used to supplement course material, and journaling.</p>					
INDIVIDUAL SPORTS (Outdoor Recreation)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75314	0.5	9-12	None	No	\$100
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>	<p>The objective of this class is to get a plethora of outdoor experiences to better prepare you for this wonderful state of Colorado. This includes hiking, taking photos, fish casting (both rod/reel and fly rod), and games. The class will be going on several 90-minute field trips to local ponds for fishing.</p>					

INDIVIDUAL SPORTS (Indoor/Outdoor Recreation)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75313	0.5	9-12	None	No	\$100
Meets Graduation Requirements in: Physical Education <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.	Students will be exposed to a variety of activities that may include skill development and participation in tennis, pickleball, badminton, horseshoes and golf. This course will emphasize the enjoyment of sports and the need for continued involvement in a lifetime of fitness as well as incorporating the health related components of fitness. This course may be repeated for credit. 90-minute field trips will be taken to go bowling as well. 100					
PEER COACH / PARTNER PE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75477	0.5	11-12	<i>Instructor Approval</i>	No	
Meets Graduation Requirements in: Physical Education <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.	Any student interested in working with students with special needs can have the opportunity to become peer coaches in the PARTNER P.E. class with teacher approval. This class counts as a P.E. credit, which meets graduation requirements.					
PHYSICAL EDUCATION	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75550	0.5	9-12	None	No	
Meets Graduation Requirements in: Physical Education <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit.	This class will stress the components of fitness (cardiovascular, muscular endurance, muscular strength and flexibility) in daily routines. Along with daily fitness, there are a variety of sports offered throughout the semester. The outdoor activities may include, soccer, flag football, ultimate frisbee, and kickball. The indoor activities may include volleyball, basketball, floor hockey, indoor soccer, pickleball, and a variety of general games.					

SHAPE UP	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75322	0.5	9-12	None	No	\$20
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>	<p>Students will participate in many different fitness activities such as aerobics, beginning weight training, circuit training, various toning and core strength exercises, and yoga. Students will learn to create and participate in activities that help to improve their health related fitness and will learn how to set goals, track progress, share fitness ideas, and create their own fitness program.</p>					
SPORTS TRAINING (Varsity Athletes)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75525 (S1)	0.5	9-12	<i>Strength and Conditioning Approved by Coach</i>	No	\$20 per semester
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>	<p>Prerequisite: <i>Strength and Conditioning or student athletes that are recommended by their coach</i></p> <p>This class is intended for varsity level athletes. It is an intensive course for students who desire to develop explosive muscular strength and cardiovascular endurance. The focus of the course is to build strong athletes, reduce injury, and improve overall body strength. The program will emphasize four core lifts: Bench Press, Incline Bench Press, Back Squat, and Hang Clean. The program will also incorporate a speed and agility component to develop a high level of conditioning. The course may be repeated for credit and all athletes are encouraged to take Sports Training every semester.</p>					
STRENGTH AND CONDITIONING	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75350	0.5	9-12	None	No	\$20.00 per semester
<p>Meets Graduation Requirements in:</p> <p>Physical Education</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit.</p>	<p>The focus of this course is to build strong athletes, reduce injury, and improve overall body strength. Students will learn how to properly complete our four core lifts: Bench Press, Incline Bench Press, Back Squat, and Hang Clean. The program will also incorporate a speed and agility component to help develop a high level of conditioning. This class will move at a slower pace than Sports Training and will emphasize lifting technique, nutrition, and explosive/functional movements.</p>					



Science

Department Chair: Jack VanNatta

Course Offerings

Note: Some courses have an associated fee.

	Traditional Pathway All – 1.0 Credit	Traditional Pathway Electives All – 0.5 Credit * 1.0 Credit	Honors Track All – 1.0 Credit	Honors Track Electives All – 0.5 Credit * 1.0 Credit
9	Earth/Environmental Science (EES)	Geology Astronomy Aquatic Biology Zoology I	*Biology Honors	Geology Astronomy Aquatic Biology Zoology I
10	Biology OR Biology Honors	Geology Astronomy Aquatic Biology Zoology I	Chemistry Honors OR Chemistry	All Listed Above Plus: Genetics *AP Environmental Science *Human Anatomy & Physiology *CTE Intro to Biotech I & II (S1/S2)
11	Chemistry OR Intro to Physical Science OR Chemistry Honors	All Listed Above Plus: *AP Environmental Sci. *Human Anatomy & Physiology *CTE Intro to Biotech I & II (S1/S2) *CTE Biotech Research Methods A/B (S1/2)	All Listed Above Plus: Physics Honors Physics AP Physics I & II *CTE Intro to Biotech I & II (S1/S2) *CTE Experimental Design A/B (S1/2) CTE Biotech Research Methods A/B (S1/2)	All Listed Above Plus: Organic Chemistry Forensic Science *AP Biology *AP Chemistry *AP Physics I & II Honors Physics ACC-PHY 1111/1112 *CTE Experimental Design A/B (S1/2) *CTE Biotech Research Methods A/B (S1/2)
12	All Listed Above Plus: Physics Honors Physics OR Elective classes (Including AP)	All Listed Above Plus: Organic Chemistry Forensic Science CTE Biotech Capstone A/B (S1/2)	All Listed Above Plus: *AP Physics C CTE Biotech Capstone A/B (S1/2)	All Listed Above Plus: *AP Physics C CTE Biotech Capstone A/B (S1/2)

Concurrent Enrollment (CE) and Career & Technical Education (CTE) registration information. Concurrent Enrollment Courses are for High School credit and college credit. Applications are needed for these courses.

* Year-long, 1.0 credit class

Science Course Descriptions

EARTH/ ENVIRONMENTAL SCIENCE	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	80325S1 80325S2	1.0	9	None	Yes	
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This 9 th grade course is a one-year introduction to astronomy, geologic time, plate tectonics, natural disasters, weather, climate, and natural resources. This course is taught from a system's approach, will include labs, written reports and various projects.					
BIOLOGY	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	80350S1 80350S2	1.0	10	Teacher's Recommendation	Yes	\$15 dissection fee
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	Typically a 10th grade course taken after Earth/Environmental Science Biology is a branch of science that seeks to understand living organisms, their processes, and the interrelations with both abiotic or other biotic things. Lessons are designed in an inquiry approach that will engage you in hands-on activities, simulations, projects, and investigations. The General Biology curriculum aims to develop the scientific and critical thinking techniques necessary to develop good problem solving skills. Topics to be studied include but are not limited to cells, genetics, evolution, nature of science, ecology and dissection.					
BIOLOGY HONORS	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	80356S1 80356S2	1.0	9-10	Teacher's Recommendation incoming Freshmen, a recommendation from 8th grade science teacher.	Yes	\$15 for dissection supplies and lab supplies.
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This is an academically rigorous course for incoming Freshmen who are highly motivated and show a love for the sciences. Biology is the study of living organisms, their life processes, and their relationships with the environment. Topics to be studied include, but are not limited to: cells, genetics, taxonomy, evolution, nature of science, and ecology. This course includes dissection. 9 th graders must have a teacher recommendation and must be highly motivated to learn science.					

CHEMISTRY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80375S1 80375S2	1.0	10-12	<i>Teacher's Recommendation; Biology and Algebra I</i>	Yes	Optional lab book is available Purchase of safety goggles.
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	<p>This course is designed as a General Chemistry course for those students who will attend a college or university. It is a challenging course in which the foundations of chemistry are built. Topics include: chemical bonding, atomic structure, periodic table and its trends, and stoichiometry. This course is not available to incoming freshmen. Laboratory work is required.</p> <p>Goggles are required, available for purchase on My School Bucks (\$5.00)</p>					
INTRO TO PHYSICAL SCIENCE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80301S1 80301S2	1.0	11-12	<i>Teacher's Recommendation This course is taken as an alternative to regular chemistry at the recommendation of the teacher. Prerequisite course is Biology.</i>	Yes	Purchase of safety goggles.
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	<p>This is a laboratory-based course designed to investigate the physical world through scientific inquiry. It studies the basic concepts of physical science, introducing the student to chemistry, physics, the usage of many scientific instruments, and numerous measuring techniques.</p> <p>Goggles are required, available for purchase on My School Bucks (\$5.00)</p>					
CHEMISTRY HONORS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80385S1 80385S2	1.0	10-12	<i>Teacher's Recommendation: Transcribed Biology and Geometry courses High School level Biology and Geometry.</i>	Yes	Purchase of safety goggles.
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	<p>This course is an accelerated Chemistry course for those students who plan to go on to AP Chemistry or College Chemistry and are interested in majoring in a science/medical field in college. This course will emphasize the broad concepts upon which modern chemistry rests, such as chemical bonding, periodicity, types of chemical reactions, stoichiometry, thermochemistry, equilibrium and acid/base. Laboratory work is required and will relate to the topics being taught.</p> <p>Goggles are required, available for purchase on My School Bucks (\$5.00)</p>					

ORGANIC CHEMISTRY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80373	0.5	11-12	Biology and Chemistry (general, honors, or AP--no exceptions)		
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	Organic Chemistry is a lab-based course where the students will apply their knowledge of chemistry and biology to understand nomenclature, functional groups, isomerism, organic reaction types and mechanisms, polymers, biochemical compounds and analytical techniques to determine structures.					
PHYSICS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80430S1 80430S2	1.0	11-12	<i>Teacher's Recommendation strongly recommended that students have completed and earned a "C" or better in Algebra II.</i>	Yes	
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This course studies the historical development of ideas concerned with our physical world. Physical principles that guide our lives are discussed. These concepts are motion, forces, energy, light, sound, electricity, and magnetism. The students will develop a deep understanding of the content and focus on applying their knowledge through inquiry labs. TI-83 or TI-83 Plus calculator is highly recommended.					
HONORS PHYSICS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80454S1 80454S2	1.0	11-12	Teacher's Recommendation	Yes	
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	Honors Physics is an Algebra & Trig-based course equivalent to an introductory College Level Physics course for a non-engineering major. This is a lab-based course to help the students understand the physical world through manipulation. They will gain an ability to solve problems and predict behaviors in the physical world. The students will develop a deep understanding of the content and focus on applying their knowledge through inquiry labs. The course covers Newtonian Mechanics (including kinematics, forces, work, energy, and power); mechanical waves and sound; electricity & magnetism (including electromagnetic waves, light, optics, electricity, circuits, and magnetism).					
ASTRONOMY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80600	0.5	9-12	Teacher's Recommendation	Yes	Lab supplies \$5.00.
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This course is a scientific exploration of the human's place in the universe. We study the origin and history of the Universe and the formation of the Earth and the Solar System. This course also covers exciting topics such as black holes, the expansion of the Universe, and the search for extraterrestrial life.					

AP BIOLOGY		Course #	Credit	Level	Prerequisite	CCHE	Fee
		80365S1 80365S2	1.0	11-12	<i>Teacher's Recommendation: Completion of Biology and Chemistry Current Science Teacher Signature, Completion of Biology and Chemistry ("C" or higher in both).</i>	Yes	\$99.00 for cost of AP Exam. \$15.00 for lab supplies. Purchase of textbook and review guide.
<p>Meets Graduation Requirements in:</p> <p>Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This course is designed to be comparable to a first year college Biology course. Topics include: biochemistry, cell biology, genetics, cell communication, gene expressions, evolution and ecology. RCHS students are strongly encouraged to take the AP exam and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester.</p> <p>Time involved is approximately 3-5 hours per week to complete notes, labs, and review outside of class. Skills: Students should have successfully completed both Biology and Chemistry transcribed classes, have a strong work ethic, scientific reading and critical thinking skills. A summer assignment is assigned and due the first day of class.</p>					
CTE Intro to Biotech I & II		Course #	Credit	Level	Prerequisite	CCHE	Fee
		79111301 79111302	1.0	10-12	Science Teacher's Recommendation "C" or better in Biology and "C" or better in Chemistry or concurrent enrollment in Chemistry*	Yes	\$30.00 1st semester, \$15 2nd semester
<p>Meets Graduation Requirements in:</p> <p>Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>		<p>This advanced molecular biology introduces students to modern concepts and techniques in biotechnology. Students gain hands-on real world lab experience as they learn advanced molecular biology topics of DNA structure and replication, protein synthesis, protein structure and function, and gene expression and regulation. Other topics covered may include genetic engineering and bacterial transformation, agricultural biotechnology, medical biotechnology, environmental biotechnology, nanobiotechnology, bioinformatics and DNA sequencing, and biotechnology business and manufacturing. Lab experience includes sterile techniques, PCR, gel electrophoresis, bacterial transformation and genetic engineering, protein purification, DNA sequencing and bioinformatics and gene silencing. To be in this class, students need to have strong reading, writing and critical thinking skills, ability to make connections, ability to work independently, and strong test taking skills.</p>					

CTE Biotech Research Methods A (sem 1) / B (sem 2)	Course #	Credit	Level	Prerequisite	CCHE	Fee
			1.0	11-12	<i>Science Teacher's Recommendation B or better in Introduction to Biotechnology, both semesters Both courses should be taken consecutively.</i>	Yes

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

In this two semester laboratory course, students will learn advanced techniques in molecular and cellular biology in preparation of becoming a certified biotechnician assistant. At the end of the course students will have the opportunity to take the Biotechnician Assistant Credentialing Exam (BACE) to earn this important certification in the biotechnology field. Through the course, students will explore different biotechnology related careers and majors, learn important laboratory skills and applications, and become skilled at performing important biotechnology related lab protocols such as working in a biological safety cabinet, performing advanced microscopy, culturing microorganisms and tissues using aseptic techniques, quantifying DNA and proteins, and spectrophotometry. Students will also practice following the scientific method, preparing reagents, and following safety and waste management protocols.

CTE EXPERIMENTAL DESIGN A (sem 1) / B (sem 2)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	79111303S1 79111304S2	1.0	11-12	<i>Teacher's Recommendation</i>	N/A	\$30 per semester

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

Students will learn about all aspects of science as they design and conduct their own scientific investigation. Students will be mentored by their instructor and experts in the field of science that relates to their designed experiment as they write their research proposals and design and conduct their investigations. They will have the opportunity to explore advanced topics and develop research and laboratory skills in their chosen field. They will follow a robust scientific process ending with communication of their results through a scientific journal and by competing in a formal scientific competition.

CTE BIOTECH CAPSTONE A (sem 1) / B (sem 2)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	7911888S1 7911888S2	1.0	12	<i>Teacher's Recommendation</i>	N/A	

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

This course allows for advanced work in any Program of Study. This advanced work can be individualized to the specific program of study to allow for specialized study for the student. It may include project based learning or preparation for end of program industry certification. Specific content and course design will be determined by the instructor in collaboration with the individual student.

AP CHEMISTRY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80400S1 80400S2	1.0	11-12	<i>Teacher's Recommendation: Completion of Chemistry Current Science Teacher Signature. Completion of Chemistry (recommended "B" or higher).</i>	Yes	\$99.00 cost for AP Exam. \$25 for lab supplies and workbook.
<p>Meets Graduation Requirements in:</p> <p>Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>This course is designed to be the equivalent of a first year college Chemistry course. Topics that will be covered in depth are: stoichiometry, bonding, kinetics, gasses, equilibrium, acids & bases, thermochemistry, electrochemistry, and nuclear chemistry. Students are expected to take the AP exam and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. Students should commit to approximately 6 hours a week to homework and lab write-ups. Students should also expect to spend approximately 0.5-1 hours outside of class each week in problem solving sessions either with other students or with the instructor. Skills: Students will be developing higher order abstract reasoning and problem-solving skills. Students must be able to persevere through difficult problems and seek assistance often. This requires a mature work ethic, scientific reading, writing and computational (Algebra II/Trig) skills and a comprehensive understanding of the chemistry concepts covered in the first-year class. Students are required to complete a summer assignment that is a review of first-year chemistry concepts. These concepts include: nomenclature, equation balancing and types, stoichiometry, and gas laws. Students are also expected to participate in extra study sessions and practice exams in the month prior to the AP Exam in May.</p>					
GENETICS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80550	.5	10-12	<i>Prerequisite: Completion of Biology or Honors Biology.</i>	Yes	\$5
<p>Meets Graduation Requirements in:</p> <p>Science</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit.</p>	<p>Prerequisite: This course is designed to give students a deeper look into genetics, using hands-on experiences and an overview of the field of genetics. The practical side of genetics, how it affects your health and the world around you, will be detailed in this class. Topics include: mendelian and non-mendelian modes of inheritance, population genetics and evolution. per semester.</p>					

	Course #	Credit	Level	Prerequisite	CCHE	Fee
AP ENVIRONMENTAL SCIENCE (APES)	80370S1	1.0	10-12	<i>Teacher's Recommendation Current Science Teacher Signature; Completion of Honors or General Biology, concurrently enrolled or have completed a Chemistry course</i>	Yes	\$99.00 cost for AP Exam. \$10.00 for lab supplies, \$17 for online resources. Purchase of textbook.
	80370S2					

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

This yearlong course is designed to be the equivalent of a one-semester introductory college course in Environmental Science and is the only AP Science class open to sophomores, juniors and seniors. This is an interdisciplinary course that includes the subjects of biology, chemistry, earth science, and geography. RCHS students are expected to take the AP exam. Thus, preparing for the exam and learning how to study for a college class is a major focus of the course content and instruction.

Purchase of AP Environmental Science textbook. Environmental Science for the AP Course 3rd Edition. Friedland and Reya Students are expected to spend a minimum of 2-3 hours a week outside of class working on course content. This includes reading one chapter from the textbook each week, labs, preparation for tests, and working within a study group. Students must also access the instructor's Canvas Site weekly for assignments and calendar planning.

Skills: Students should have successfully completed a Biology course concurrently enrolled in or have completed a Chemistry course. Organization and critical thinking and study skills will be developed in this class. Students will need to purchase the book and complete the summer assignment, which is due the first day of class.

	Course #	Credit	Level	Prerequisite	CCHE	Fee
FORENSIC SCIENCE	80420	0.5	11-12	<i>Teacher's Recommendation Biology and Chemistry or with concurrent enrollment in Chemistry</i>	Yes	\$10

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

This upper level science elective will focus on using the understanding of all sciences in order to "solve the crime". Students will engage in lectures and labs designed to simulate a real forensics laboratory. Topics include Prints, Anthropology, Serology, Trace, Ballistics, Toxicology, and more. Students will learn the skills needed to analyze a crime scene, evidence, data, and more. This course will include visits from guest speakers in the field. Course content may include mature themes. Real crimes will be discussed.

	Course #	Credit	Level	Prerequisite	CCHE	Fee
GEOLOGY	80575	0.5	9-12	<i>Teacher's Recommendation</i>	Yes	lab supplies \$5.00.

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

This elective course focuses on the main topic of the earth and plate tectonics. Other areas of study related to plate tectonics include earthquakes, volcanoes and tsunamis. Glacial processes, natural disasters, mass movement and local geological features will be included to increase consumer and recreational awareness.

HUMAN ANATOMY & PHYSIOLOGY I / II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80525 (S1) 80526 (S2)	0.5 0.5	10-12	<i>Teacher's Recommendation/ Completed Biology/Concurrent or Completed Chemistry, "C" or better preferred</i>	Yes	lab supplies: \$20.00 per semester

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

This college level Human Anatomy & Physiology course is designed to further the student's understanding of the human body. Students will study the body's structures and functions at both the macroscopic and microscopic level. There are dissections to help with understanding of the structure of organs and their location. This course will give the student an opportunity to learn through labs designed for each system and their research about the system, the anomalies and problems that are faced, and any current research about the system. This course is especially beneficial if a student is planning on a career in the medical field. Students must enroll in both semesters.

There is a summer assignment associated with this class.

Fees: \$25.00 per semester. Textbook purchase is required.

AP PHYSICS I / AP PHYSICS II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80656 80657	S1 & S2 1.0 /S1 & S2 1.0 (2.0)	11-12	<i>Teacher's Recommendation Current Science Teacher Signature, completion of Chemistry, and concurrent enrollment in Honors Trig/Pre-Calculus.</i>	Yes	\$99.00 cost for each AP Exam. \$46.00 cost for supplies/online homework service (fee subject to change). \$10 online workbook

Meets Graduation Requirements in:

Science

May be taken more than once for credit.

May be taken only once for credit.

AP Physics I is an Algebra/Trig based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, and conservation. Including: Mechanics (Kinematics, Forces, Energy, Momentum) and Fluids.

AP Physics II is an Algebra/Trig based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. Including: Light, Optics, Sound, Waves, Thermodynamics, Electricity, Magnetism, and Nuclear Topics.

This course meets everyday meaning it takes 2 course spots in a student's schedule. These courses provide a good foundation for students going into life sciences, pre-medicine, other applied sciences as well as other fields outside of science. Students are committed to AP classes for the entire school year and cannot change at semester. This course has a summer assignment as well as self-study information over winter break and spring break. Textbook: Physics 6th Ed by Giancoli.

AP PHYSICS C: MECHANICS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80655S1 80655S2	1.0	12	<i>Teacher's Recommendation Current Science Teacher Signature, Completion of Physics (recommended "C" or higher), Honors Physics or AP Physics I & AP Physics II, and Concurrent enrollment in AP Calculus AB or BC.</i>	Yes	\$99.00 cost for AP Exam. \$22.00 for lab supplies/ online homework service (fee subject to change) \$10 online workbook
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	AP Physics C: Mechanics is a calculus-based physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like change, force interactions, fields and conservation. Including: Kinematics, Forces, Energy, Momentum, Rotation, Simple Harmonic Motion, Gravitation, Torque. Textbook: Fundamentals of Physics 7th Ed by Halliday, Resnick, Walker.					
ACC-PHY 1111: PHYSICS/ ACC-PHY 1112: PHYSICS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	690108 690109	1.0	11-12	Either SAT Math Score of 620 or Accuplacer Math score of 280 Completion of ACC-PHY 1111 with a C or better	Yes	
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This course covers the physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. Major topics include kinematics in one and two dimensions, Newton's Laws, circular motion, work and energy, impulse and momentum, and rotational mechanics. This course covers the physics of electricity and magnetism and requires application of classical physics to both mathematical and conceptual problems. DC circuits involving resistors, capacitors, and batteries will be covered. Also covered are electromagnetic waves and geometric optics. This course also includes topics relating to simple harmonic motion, traveling and standing waves.					
ZOOLOGY I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	80500	0.5	9-12	<i>Completed Biology or Concurrent Biology</i>	Yes	\$25.00 for dissection and lab supplies.
Meets Graduation Requirements in: Science <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit.	This semester-long biology elective course is designed to acquaint students with the biology, classification, and evolutionary diversity of the animal kingdom. Students will dissect a representative organism of many of the animal phyla taught in this course.					

AQUATIC BIOLOGY

Course #	Credit	Level	Prerequisite	CCHE	Fee
80475	0.5	9-12	Teacher's Recommendation	Yes	\$10.00

Meets Graduation Requirements in:

Science

- May be taken more than once for credit.
- May be taken only once for credit.

This semester-long elective is designed to introduce students to marine organisms, their interactions, and their habitats. Students will explore topics of: aquatic geography, aquatic ecosystems, microorganisms, invertebrates and vertebrates. Students will dissect and study a variety of aquatic organisms.



Special Education

Department Chair: Scott Karcz

Instructional Support Services are available to students who qualify for a modified educational program. Placement into this specialized program is accomplished by an official procedure, beginning with a pre-referral meeting, which may recommend a complete evaluation on the referred student. This procedure culminates in a formal staff meeting and at this time placement into a modified program is determined according to State law. Placement into the following courses is by Signature of a Special Services teacher only. If you need further information, please contact us at (303) 387-3000.

Students who have a current Individual Educational Plan are eligible for these services.

Case managers in consultation with parents will assist students in the selection of core classes and electives. Course selection is based on individual student needs. Students are served in the least restrictive environment.

Course Offerings

Courses Offered

English Strategies I-IV (Grades 9-12)
Life Skills: Communication (Grades 9-12)
Life Skills English (Grades 9-12)
Life Skills: Independent Living (Grades 9-12)
Life Skills Math (Grade 9-12)
Life Skills Science (Grades 9-12)
Life Skills Social Studies (Grades 9-12)
Math Strategies I-IV (Grades 9-12)
Resource (Grades 9-12)

Registration for each course requires a signature from the current teacher or case manager, unless stated otherwise.

Special Education Course Descriptions

ENGLISH STRATEGIES I	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	20013S1 20013S2	1.0	9	<i>SPED Approval</i>	No	none
ENGLISH STRATEGIES II	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	20034(S1) 20034(S2)	1.0	10	<i>SPED Approval</i>	No	none
ENGLISH STRATEGIES III	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Language Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	20052S1 20052S2	1.0	11	<i>SPED Approval</i>	No	none

ENGLISH STRATEGIES IV	Course #		Level	Prerequisite	CCHE	Fee
	20162S1 20162S2	1.0	12	<i>SPED Approval</i>	No	none
Meets Graduation Requirements in: Language Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	The goal for this course is to increase basic reading and writing skills for students with an IEP. This course is not accepted by CCHE as a pre-collegiate course. Students enrolled in this senior-level, yearlong course will better understand the world through its literature and demonstrate an understanding of how reading and writing diverse literature can provide insights into his or her own life and into other times, places, people and ideas. Focus in writing will be on everyday practical writing skills and reading comprehension tools for the real world. They will demonstrate the ability to conduct research through developing ideas, accessing and evaluating information from a variety of print, media and technological sources.					
LIFE SKILLS ENGLISH	Course #	Credit	Level	Prerequisite	CCHE	Fee
	20008S1 20008S2	1.0	9-12	<i>SPED Approval</i>	No	none
Meets Graduation Requirements in: SPC <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	This is a self-contained class for students with significantly limited intellectual capacity or severe academic disabilities. Emphasis is on functional reading and writing skills. Language Arts standards in this class have been totally modified to focus on learning functional independent living skills and will be evaluated through IEP goals and objectives.					
LIFE SKILLS INDEPENDENT LIVING	Course #	Credit	Level	Prerequisite	CCHE	Fee
	20010S1 20010S2	1.0	9-12	<i>SPED Approval</i>	No	
Meets Graduation Requirements in: SPC <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	Instruction will be based on students' needs and may include: job skills, managing personal finances, selecting and managing a household, buying, preparing and consuming food, caring for personal needs, and getting around the community.					

LIFE SKILLS MATH	Course #	Credit	Level	Prerequisite	CCHE	Fee
	20005S1 20005S2	1.0	9-12	SPED Approval	No	none
Meets Graduation Requirements in: SPC <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	This is a self-contained class for students with significantly limited intellectual capacity or severe academic disabilities. Emphasis is on functional math survival skills. Math standards in this class have been totally modified to focus on learning functional independent living skills and will be evaluated through IEP goals and objectives.					
LIFE SKILLS SCIENCE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	20006S1 20006S2	1.0	9-12	SPED Approval	No	none
Meets Graduation Requirements in: Science <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	This is a self-contained class for students with significantly limited intellectual capacity or severe academic disabilities. Focus is on developing lifetime skills in the areas of health, leisure and recreation. Science standards in this class have been totally modified to focus on learning functional independent living skills and will be evaluated through IEP goals and objectives.					
LIFE SKILLS SOCIAL STUDIES	Course #	Credit	Level	Prerequisite	CCHE	Fee
	20032S1 20032S2	1.0	9-12	SPED Approval	No	none
Meets Graduation Requirements in: SPC <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	This is a self-contained class for students with significantly limited intellectual capacity or severe academic disabilities. This class focuses on current events and job/career-related skills. Social Studies standards in this class have been totally modified to focus on learning functional independent living skills and will be evaluated through IEP goals and objectives.					
MATH STRATEGIES I-IV	Course #	Credit	Level	Prerequisite	CCHE	Fee
	20200S1 20200S2	1.0	9-12	SPED Approval	No	none
Meets Graduation Requirements in: Math <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	The goal of this course is to review basic skills and teach pre-algebra concepts in order to prepare students with an individualized education plan (IEP) for Algebra I or Geometry PTR. This is a modified class and does not meet district math standards. This class will not meet college entrance requirements. This course is not accepted by CCHE as a pre-collegiate course.					

RESOURCE

Course #	Credit	Level	Prerequisite	CCHE	Fee
2003051 2003052	0.5	9-12	SPED Approval	No	none

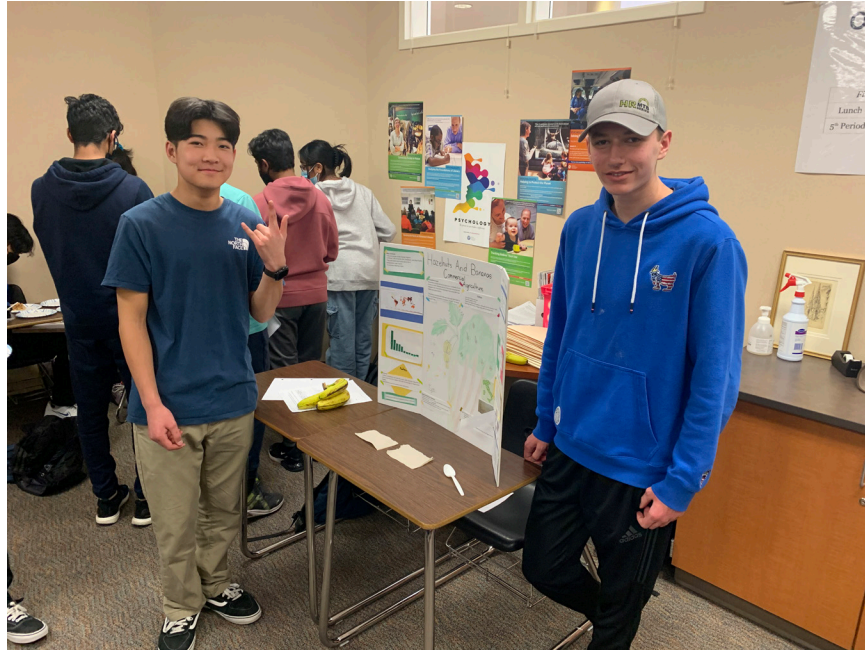
Meets Graduation Requirements in:

Elective

May be taken more than once for credit.

May be taken only once for credit

This class is specifically designed for students with an individualized education plan (IEP). Students will have a chance to improve executive functioning, self advocacy and study skills. Students will be able to work on school tasks and increase competency towards IEP goals with the help of a learning specialist. Resource allows the student to have direct support and increase communication between school and home.



Social Studies

Department Chair: Kate Hartline

Course Offerings

Graduation Requirements: Geography (.5), World History (.5), U.S. History (1.0), Economics (.5), Government (.5)

Grade	Required Track	Honors Track	Elective Options <i>Students may select electives in addition to the required and honors courses.</i>
9	World History (.5) AND World Geography (.5)	AP Human Geography (1.0)	Leadership (.5) Literature of Film II (.5) The World Wars (.5)
10	U.S. History, 1877-1953 (.5) AND U.S. History, Since 1954 (.5)	AP European History (1.0) OR AP World History (1.0) OR Concurrent Enrollment US History: ACC-HIS 1210: US History to Reconstruction (.5) AND ACC-HIS 1220: US History since Civil War (.5)	Ethics (.5) Introduction to Law (.5) Leadership (.5) Literature of Film II (.5) Psychology (.5) Sociology (.5) The World Wars (.5) Any 9th-10th AP course
11	Economics (.5) AND U.S. Government (.5)	AP U.S. History (1.0)	Ethics (.5) Introduction to Law (.5) Leadership (.5) Literature of Film II (.5) Psychology (.5) Sociology (.5) The World Wars (.5) AP US Government: Comparative (.5) AP Psychology (1.0) Any AP or CE Course
12	Choose any Elective courses	AAP Microeconomics (.5) AND/OR AP Macroeconomics (.5) AND AP US Government (.5)	Ethics (.5) Introduction to Law (.5) Literature of Film II (.5) Leadership (.5) Psychology (.5) Sociology (.5) The World Wars (.5) AP US Government: Comparative (.5) AP Psychology (1.0) Any AP or CE Course

NOTE: Both Economics and Government (either the regular or AP courses) are available for 11-12 graders. AP US History is available for 11-12 graders.

Social Studies

Course Descriptions

ECONOMICS		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85800	0.5	11-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit		This course focuses on the U.S. economic system. Micro economic concepts such as scarcity, opportunity costs, supply & demand and personal financial literacy will be studied as well as GDP, fiscal and monetary policy. Particular attention will be given to applying learning to real world situations with interactive and relevant assignments and assessments.					
ETHICS		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85747	0.5	10-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit		This course is for students who want to explore life's biggest questions. Ethics examines the essential questions of moral philosophy, progressing from issue to issue (e.g., does evil exist? how do we determine what is right? is war ever just?), with primary and secondary sources offering the landmark perspectives, such as Aristotle's Nicomachean Ethics, Mill's Utilitarianism, Nietzsche's On the Genealogy of Morals, and more. An emphasis will be placed on critical thinking, debate, and written expression.					
INTRODUCTION TO LAW		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85735	0.5	10-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit		This semester-long course is designed to help students understand the purpose and application of the legal system above and beyond the basics of a government class. Students will examine the theory of law, history of law, discover how laws are made, and then investigate how the legal system works. Through case studies, mock trials and guest speakers, students will gain an understanding of criminal law, torts, consumer law, housing law, family law and basic constitutional law.					
LEADERSHIP		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85812	0.5	9-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit		The Leadership course offers students the opportunity to examine leadership theory, develop leadership skills and apply their knowledge and skills through an individualized project. The class will cover such topics as goal setting, problem solving, effective communication, project planning, decision-making, evaluation techniques, group dynamics and leadership styles. This course will prepare students to pursue leadership endeavors in their individual fields of interest in high school and beyond.					

LITERATURE OF FILM II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70747	0.5	9-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	In this class, students will study Modern American History through the medium of film. This course will look at how various aspects of history are portrayed in films and contrast that with “how it really was.” A major goal of this course is to determine what is valid in contemporary films and historical dramas. Grouped thematically students will examine the historiography of slavery, the Great Depression, the Holocaust, WWII, the Civil Rights Movement, Vietnam and others. Besides examining these historical events, students will investigate the legacy of racism, poverty, corruption, patriotism and contemporary American culture. In addition to each film’s historical and cultural importance, the course will also concentrate on film appreciation and the study of cinematography. Literature of Film I is NOT a prerequisite for this course.					
PSYCHOLOGY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85750	0.5	10-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	This course will focus on the role of the individual as he or she interacts with the environment. Specific areas of psycho-neurology, developmental psychology, personality theory, and the abnormal aspects of human behavior will be addressed. The course is designed for the beginning student to explore the discipline as well as to begin to understand the complexity of human behavior.					
SOCIOLOGY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85770	0.5	10-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	This course will introduce you to the study of humankind’s most important creation--the social group. When you think about it, everything that we do is either directly or indirectly influenced by the society in which we live. Through interactive lessons and activities students are introduced to key issues such as class, race, gender, conformity, deviance, crime, the media, and many others.					
U.S. HISTORY 1877-1953	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85531	0.5	10-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	The content of this course includes topics in U.S. history from 1877-1953. Units include Westward Expansion, the Emergence of Big Business, the Labor Movement, Progressive Era reforms, World War I, the 20’s, the Great Depression, the New Deal, US involvement in World War II, the Korean War, and the US foreign policy in the post-war world. Instruction will focus on the analysis of primary sources.					

U.S. HISTORY SINCE 1954	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85533	0.5	10-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	This course will trace the major events which have occurred in the post war world with an emphasis on the political events and personalities involved. Topics covered in the course include; the Cold War, the Civil Rights movement, Vietnam War, Watergate, the terrorist attack on September 11 th , the War on Terror, and other contemporary world issues. Instruction will focus on analysis of primary sources.					
U.S. GOVERNMENT	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85700	0.5	11-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	Students will study the purpose of government, types of governments, the United States Constitution, the three branches of government (legislative, executive, and judicial) and the concept of separation of powers. Students will also study the function and structure of the court system, political parties and the role of a citizen in a government. Relevant events will be emphasized in this class.					
WORLD GEOGRAPHY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85835	0.5	9	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	In this course students will examine the world's regions and explore the many facets of geography. The course will introduce students to the examination of spatial relationships and processes in both human and physical geography. Students will be examining case studies to draw upon geographical concepts, such as, natural resources, population, urbanization, industries, and cultures. Students will also continue to develop reading, writing, and critical thinking skills in order to support their learning in future Social Studies classes.					
WORLD HISTORY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85302	0.5	9-12	None	Yes	none
Meets Graduation Requirements in: Social Studies <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	The course is designed to build a foundation of understanding modern human history across different cultures and civilizations. The course will provide an opportunity for students to study political, economic and social programs of different historical periods. Students will be actively engaged in class through simulations, primary sources, as well as collaboration which will lead them through the major people, ideas, events and conflicts that helped shape modern world history. This is a modern world history course, covering 1800-2000.					

THE WORLD WARS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85303	0.5	9-12	None	Yes	none

Meets Graduation Requirements in:
Social Studies

May be taken more than once for credit.
 May be taken only once for credit

This semester-long course will be an in-depth exploration of the causes, course, and consequences of World War I and World War II. This will include studying causes, key historical characters, important battles, impacts on civilians, as well as short- and long-term outcomes of the wars. Students will use historical and fictional works in a variety of mediums (traditional primary sources, novels, films, etc.) to gain an understanding of the wars. This course is an elective course and does not fulfill the world history graduation requirement for Social Studies.

AP COMPARATIVE GOVERNMENT	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85723	0.5	11-12	None	Yes	Fees: \$99 for cost of AP Exam. Recommended purchase of a textbook. Supplemental text may also be used as part of this course. \$10 online workbook

Meets Graduation Requirements in:
Social Studies

May be taken more than once for credit.
 May be taken only once for credit

This course is offered in the Spring and introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. Topics covered will include: an introduction to comparative politics; sovereignty, authority, and power; political institutions; citizens, society, and the state; political and economic change; and public policy. Students should be able to read a college level textbook and write grammatically correct, complete sentences. Although not required, prior experience studying U.S. Government will be beneficial in this course. This course does not fulfill the social studies requirement for U.S. Government, but rather counts toward elective credit in social studies. The Free Response Question skills are the same for AP U.S. Government and AP Comparative Government.

	Course #	Credit	Level	Prerequisite	CCHE	Fee
AP EUROPEAN HISTORY	85500(S1) 85500(S2)	1.0	10-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook. \$10 online workbook

Meets Graduation Requirements in:

Social Studies

May be taken more than once for credit.

May be taken only once for credit

AP European History is a college prep course that provides students with an academic experience equivalent to a college level freshman survey of western history. This course examines European history from the time of the Renaissance and Reformation up to the present day. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. The amount of class participation is higher than in most regular classes. There are additional study sessions leading to the AP Exam. Students are expected to be able to participate in class discussions daily, as well as actively participate in historical simulations throughout the year. Students are required to complete a summer assignment. Year-long course: 1.0 credit (0.5 World History, 0.5 Elective Credit).

	Course #	Credit	Level	Prerequisite	CCHE	Fee
AP HUMAN GEOGRAPHY	85905(S1) 85905(S2)	1.0	9-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook. \$10 online workbook

Meets Graduation Requirements in:

Social Studies

May be taken more than once for credit.

May be taken only once for credit

AP Human Geography is a college prep course that provides students with an academic experience equivalent to a college level freshman course. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Concepts to be explored will include: patterns of human settlement, especially urbanization, the economic uses of the earth, political organizations of space, patterns of language, religion, other cultural traits around the globe, and the dynamics of human population growth and movement. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester.

AP MACROECONOMICS		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85631	0.5	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook. \$10 online workbook
<p>Meets Graduation Requirements in:</p> <p>Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>This course will be offered in the Spring. Advanced Placement Economics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. Macroeconomics emphasizes basic economic concepts; measurements of economic indicators and stabilization policies; economic growth and productivity; and international trade and finance. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students should expect, on average, 30 minutes of concentrated reading and note taking, usually 3 nights per week, and 30 minutes of problem solving 1-2 days a week. Unit and Final exams will cover multiple chapters and significant amounts of material, requiring several days. Mathematical reasoning, reading comprehension and work ethic are the most important skills for this class. Students are expected to take lecture and reading notes, participate actively in class discussions, and be accustomed to a quicker pace than normal. There is a degree of overlap between the Micro and Macro courses. Either AP Micro or Macro will satisfy the economics graduation requirement for DCSD. However, many universities require both.</p>					
AP MICROECONOMICS		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85630	0.5	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook. \$10 online workbook
<p>Meets Graduation Requirements in:</p> <p>Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>This course will be offered in the Fall. Advanced Placement Economics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. Microeconomics emphasizes basic economic concepts; the nature and function of product markets; factor markets; and market failure and the role of government. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students should expect, on average, 30 minutes of concentrated reading and note taking, usually 3 nights per week, and 30 minutes of problem solving 1-2 days a week. Unit and Final exams will cover multiple chapters and significant amounts of material, requiring several days. Mathematical reasoning, reading comprehension and work ethic are the most important skills for this class. Students are expected to take lecture and reading notes, participate actively in class discussions, and be accustomed to a quicker pace than normal. There is a degree of overlap between the Micro and Macro courses. Either AP Micro or Macro will satisfy the economics graduation requirement for DCSD. However, many universities require both.</p>					

AP PSYCHOLOGY	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85760S1 85760S2	1.0	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook and supplementary text. \$10 online workbook

Meets Graduation Requirements in:
Social Studies

May be taken more than once for credit.
 May be taken only once for credit

This course is designed to be comparable to a first year college course in Introduction to Psychology. Topics covered include: brain structure and function, history of psychology, research methods, abnormal psychology and treatment methods, altered states of consciousness, child development, learning, memory, personality and social psychology. It is the expectation of the RCHS Social Studies Department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes and cannot change classes at semester. Students can expect nightly reading and unit journal assignments, work over weekends and breaks, quizzes, projects, unit and final assessments. Study skills are a must. In addition, writing is a major part of the course and the ability to read critically and summarize data is necessary. Participation in class discussion and debate is also a major part of the course.

AP U.S. GOVERNMENT	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85720(S1)	0.5	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook. \$10 online workbook

Meets Graduation Requirements in:
Social Studies

May be taken more than once for credit.
 May be taken only once for credit

This course is offered in the Fall and provides students with an analytical perspective on government and politics in the United States. It involves the study of general concepts used to interpret U.S. institutions, groups' beliefs and ideas that constitute U.S. politics. This is a college level course with potential for college credit, thus extensive college level reading and writing is required. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction.. An interest in politics, reading comprehension and work ethic are the most important skills for this class. Students will be expected to maintain an ongoing knowledge of current events and present a debate to the class covering one topic in American government. Historically, given that AP Government is offered in the fall and the AP exam is not until May, students who are also taking AP Comparative Government in the spring are able to draw larger connections within the 2 courses and are able to do more frequent review of and preparation for both AP eExams. The Free Response Questions skills are the same for both AP U.S. Government and AP Comparative Government.

AP U.S. HISTORY		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85625S1 85625S2	1.0	11-12	None	Yes	\$99 for cost of AP Exam. Recommended purchase of textbook. \$10 online workbook
<p>Meets Graduation Requirements in:</p> <p>Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>Advanced Placement United States History is a chronological survey course covering the period from Colonial America (1607) to contemporary America (1990's). The Advanced Placement program in United States History is designed to provide you with analytic skills and factual knowledge to deal critically with the problems and issues in United States History. The course prepares students for intermediate and advanced college courses by making demands on you equivalent to those made by a full year introductory college course. Students will learn to assess historical materials; their relevance to a given interpretive problem, their reliability, and their importance. Students will also be prepared to weigh the evidence and interpretations presented in historical scholarship. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction. Students are committed to AP classes and cannot change classes at semester. Time expectation is 4 - 6 hours per week to complete reading notes, and vocabulary terms. Assignments are laid out one month in advance and quizzed weekly. Students must be willing to commit to >1 hour of study per night. Students must be able to organize their time effectively, read and differentiate between primary sources and secondary sources, analytical and persuasive writing, and the ability to know and synthesize large amounts of complex historical evidence.</p>					
AP WORLD HISTORY		Course #	Credit	Level	Prerequisite	CCHE	Fee
		85340(S1) 85340(S2)	1.0	10-12	None	Yes	Fees: \$99 for cost of AP Exam. Recommended purchase of AP textbook. \$10 online workbook
<p>Meets Graduation Requirements in:</p> <p>Social Studies</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>The purpose of the AP World History course is to provide the opportunity for students to develop greater understanding of key ideas, people, and events of the past, which have shaped our world. This year long survey course investigates the time period from 1200 to the present. Students will study themes that involve, interaction between humans and the environment, development and interaction of cultures, state-building, expansion, and conflict, economic systems, and social structures. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their cause and consequences, as well as comparisons among major societies. Focus will be placed upon historical analysis methods such as change and continuity, and writing skills. A great deal of time will be spent arranging the information into: comparative, across time, document-based essays, and multiple choice questions. This course covers much content in a limited amount of time, but will give the student the information and skills necessary to better understand the world and their relationship to it. Summer assignment is required.</p>					

ACC-HIS 1210 US HISTORY TO RECONSTRUCTION	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69081	0.5	10-12	<i>High school GPA 3.0 or SAT 470 English Or Accuplacer: Writing 246+</i>	Yes	Students must purchase textbook

Meets Graduation Requirements in:
Social Studies
May be taken more than once for credit.
May be taken only once for credit

This is a Concurrent Enrollment course and requires the ACC/CE Contract & application with Arapahoe Community College.

This course explores trends within events, people – including Native American – groups, ideas, and institutions in North America and the United States to Reconstruction. This class focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a state-wide Guaranteed Transfer course in the GT-HI1 category.

Students are expected to enroll in both ACC-1210 and ACC 1220.

ACC-HIS 1220 US HISTORY SINCE THE CIVIL WAR	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69102	0.5	10-12	<i>High school GPA 3.0 or SAT 470 English or Accuplacer: Writing 246+</i>	Yes	Students must purchase textbook

Meets Graduation Requirements in:
Social Studies
May be taken more than once for credit.
May be taken only once for credit

This is a Concurrent Enrollment course and requires the ACC/CE Contract & application with Arapahoe Community College.

This course explores trends within events, peoples, groups, ideas, and institutions since the American Civil War. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

Students are expected to enroll in both ACC-1210 and ACC 1220.



Theatre

Theatre Instructor: Cindy Baker

Course Offerings

Performance Track	Technician Track
Theatre I (S1)-No Pre Req Take as a year long class w/Theatre II	Tech I (SI)-No Pre Req
Theatre II (S2)-Theatre I/MS Signature Take as a year long class w/Theatre I	Tech II (S1/S2)-Teacher Signature
Theatre III-Teacher Signature Theatre IV-Teacher Signature Year long class	Tech III- Teacher Signature
Theatre Production Ensemble (Audition/ Interview Based) Year long class	Tech IV/V-Teacher Signature

Grade	Courses Offered
S1 - 9	Theatre I (No Pre Req) Tech I (No Pre Req)
S2 - 9	Theatre II (MS Signature) Tech II (MS Signature)
10	All Courses Listed Above Theatre III (Teacher Signature) Tech II (Teacher Signature) Tech III (Teacher Signature)
11	All Courses Listed Above Theatre IV (Teacher Signature) Tech III (Teacher Signature)
12	All Courses Listed Above Theatre Production Ensemble (Audition only) Tech III (Teacher Signature)

Theater Course Descriptions

THEATRE I	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	70700	0.5	9-12	None	No	\$40
<p>This course offers the opportunity for a variety of performance experiences, which may include the following: scene work, monologues, improvisation, and pantomime not covered in middle school. Major emphasis of the class is on developing beginning acting skills as well as a foundation for continuing in theatre. It is highly suggested, but not required, that students take Theatre I in the fall and Theatre II in the spring. This course is only offered 1st semester.</p>						
THEATRE II	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	70710	0.5	9-12	<i>Theatre I and/or Instructor's Approval</i>	No	\$40
<p>As a continuation of Theatre I, this course extends development of acting skills and production. Course work may include the following: scene work, monologues, improvisation, play and character analysis, auditioning, and Shakespeare. Participation in play production is encouraged. It is suggested, but not required, that the student take Theatre I in the fall and Theatre II in the spring. This course is only offered 2nd semester.</p>						
THEATRE III	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Fine Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	70720S1 70720S2 (must take both)	1.0	10-12	<i>Theatre I & II and/or Instructor's Approval</i>	No	\$30
<p>This year-long course emphasizes the development of a higher level of acting skills. Course work may include the following: improvisation, play and character analysis, theatre history, and advanced acting techniques. Work outside of class time is expected for rehearsal and class performances.</p>						

THEATRE IV – Stage Directing and Acting	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70730S1 70730S2 (must take both)	1.0	11-12	<i>Theatre III and/or Instructor's Approval</i>	No	\$40

Meets Graduation Requirements in:

Fine Arts

May be taken more than once for credit.

May be taken only once for credit

This year-long class allows students to pursue the fundamentals of stage direction. Course work may include the following: directing and advanced acting; script and character analysis, and design concepts. Work outside of class time is expected for rehearsal and performances.

THEATRE PRODUCTION ENSEMBLE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70755S1 70755S2 (must take both)	1.0	12	<i>Audition Only</i>	No	\$50

Meets Graduation Requirements in:

Fine Arts

May be taken more than once for credit.

May be taken only once for credit

Prerequisite: *Theatre III/IV or Tech III*

This **audition-only** course is for the advanced theatre student. Students will develop advanced production techniques. Play production is the core of this class. Students are required to participate in the productions. ****This class counts for Practical Arts Credit if the student has satisfied the graduation requirement for Fine Arts.**

TECH THEATRE I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	70780	0.5	9-12	<i>None</i>	No	\$40

Meets Graduation Requirements in:

Fine Arts

May be taken more than once for credit.

May be taken only once for credit

This introductory course invites students to explore the fundamentals of theatrical design, focusing on the creative process behind bringing a script to life. Students will learn the basics of set design, costume, lighting, and sound design, emphasizing collaboration, research, and creative problem-solving. Through projects, presentations, and some hands-on activities, students will develop design concepts and discover how to effectively communicate their ideas visually and orally. This course provides a foundation in design thinking, with occasional opportunities for practical application in school productions. No prior experience is required. ****This class counts for a Practical Arts credit if the student has satisfied the graduation requirements for Fine Arts.**

TECH THEATRE II	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	70795	0.5	9-12	<i>Technical Theatre I and/or Instructor's Approval</i>	No	\$40
This course offers the serious technical theatre student the opportunity to participate in the phases of technical theatre. Course work may include the following: advanced scene design, advanced lighting design, advanced sound design, stagecraft, publicity, make-up, costumes, theatre organization, and management. **This class counts for a Practical Arts credit if the student has satisfied the graduation requirements for Fine Arts.						
TECH THEATRE III	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	70792S1 70792S2	1.0	10-12	<i>Technical Theatre II and/or Instructor's Approval</i>	No	\$50
This course offers the serious technical theatre student the opportunity to participate in the phases of technical theatre at a more holistic level. For the duration of one year, rather than a semester, students are able to participate in the production of a "season". Students will be assigned leadership responsibility for a particular show. This course requires several hours of work outside of class. **This class counts for a Practical Arts credit if the student has satisfied the graduation requirements for Fine Arts.						
INDEPENDENT STUDY-TECHNI- CAL THEATRE IV, PERFORMING ARTS	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Fine Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	IS710	0.5	10-12	<i>Instructor's Approval</i>	No	\$40
This course offers the serious technical theatre student the opportunity to participate in the phases of technical theatre at a more holistic level. Students are able to participate in the production of a "season". Students may be assigned leadership responsibility for a particular show. 15 hours of out-of-class work is required. **This class counts for a Practical Arts credit if the student has satisfied the graduation requirements for Fine Arts.						

**INDEPENDENT
STUDY-TECH
THEATRE V,
PERFORMING
ARTS**

Course #	Credit	Level	Prerequisite	CCHE	Fee
IS2-118	0.5	12	<i>Instructor's Approval</i>	No	\$40

Meets Graduation Requirements in:

Fine Arts

May be taken more than once for credit.

May be taken only once for credit

This course offers the serious technical theatre student the opportunity to participate in the phases of technical theatre at a more holistic level. Students are able to participate in the production of a “season”. Students may be assigned leadership responsibility for a particular show. 15 hours of out-of-class work is required. ****This class counts for a Practical Arts credit if the student has satisfied the graduation requirements for Fine Arts.**

World Language

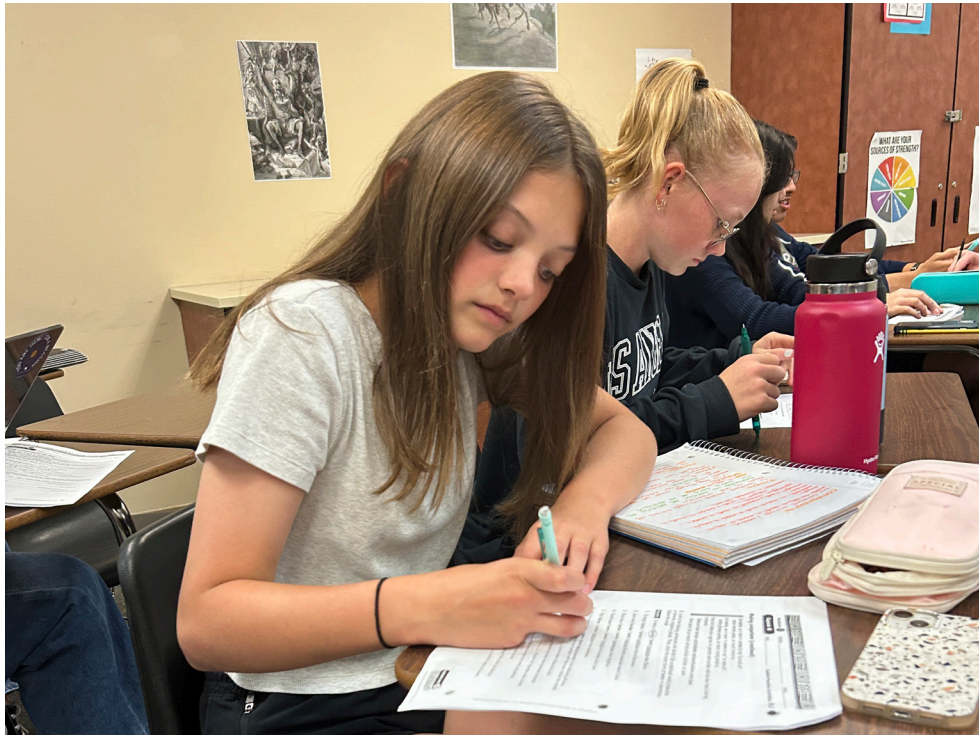
Department Chair: Hannah Klein

Course Offerings

Grade	Courses Offered	
9	French I, II, III, Honors III, AP French Chinese I, II, III	Spanish I, II, III, Honors III American Sign Language I
10	French I, II, III, Honors III, IV, V Chinese I, II, III	Spanish I, II, III, Honors III, IV American Sign Language I, II & III
11	French I, II, III, Honors III, IV, V, AP French Language Chinese I, II, III, IV, AP Chinese	Spanish I, II, III, Honors III, IV, V, AP Spanish Lan- guage American Sign Language I, II & III
12	French I, II, III, Honors III, IV, V, AP French Language Chinese I, II, III, IV, AP Chinese	Spanish I, II, III, Honors III, IV, V, AP Spanish Lan- guage American Sign Language I, II, III, IV

Registration for Advanced Placement (AP) classes can be found under the Advanced Placement Course Section.

Registration for each course requires a signature from the current world language teacher, unless stated otherwise, and passing the prerequisite course with a "B" or better is recommended.



World Language Flow Chart
 Rocky Heights Middle School & Rock Canyon High School

Chinese French SpanishASL

Options for World Language Classes:

Middle School				High School			
6 th	7 th	8 th		9 th	10 th	11 th	12 th
IA	IA	IA		I	I	I	I
	IB	IB		II	II	II	II
		II		III/III H	III/III H	III/IIIH	III/IIIH
					IV	IV	IV
						V or AP*	V or AP*

Students who earn a “B” or higher in a world language class are considered successful and will be recommended to advance to the next level.

*If a student wishes to reach the AP Level in a world language, they must begin studying the language in the 6th or 7th grade.

World Language Course Descriptions

French

	Course #	Credit	Level	Prerequisite	CCHE	Fee
FRENCH I	95400S1 95400S2	1.0	9-12	<i>None</i>	Yes	A workbook fee of \$22 may be required.
Meets Graduation Requirements in: Elective <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	Students in this course will learn the three modes of communication: interpretive, interpersonal, and presentational. Material covered includes simple grammatical structures and vocabulary with an emphasis on communication. This fast-paced class is the equivalent of French 1A and 1B and will require extra study time outside of class to master skills and learn vocabulary. At the end of this course, successful students will be prepared for French II.					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
FRENCH II	95410S1 95410S2	1.0	9-12	<i>French I or IB & Teacher's Recommendation</i>	Yes	A workbook fee of \$22 may be required.
Meets Graduation Requirements in: Elective <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	This course is a continuation of French I or IB with emphasis on learning new and more complex vocabulary and grammar. In addition, students will begin to integrate skills studied in French I/IB for more sophisticated oral and written communication. Students will also continue to study culture in greater depth. Students who complete this course with an A or a B will be recommended and prepared for French III.					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
FRENCH III	95420S1 95420S2	1.0	9-12	<i>French II & Teacher's Recommendation</i>	Yes	A workbook fee of \$22 may be required.
Meets Graduation Requirements in: Fine Arts, Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	This course emphasizes learning more complex vocabulary and grammar in order to improve speaking, reading, writing, and listening skills. Students will continue to study culture in greater depth. The use of French language will increase throughout the year. This class can count for practical or fine art credit.					

HONORS FRENCH III		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95453S1 95453S2	1.0	9-12	<i>Teacher's Recommendation from French II Teacher</i>	Yes	A workbook fee of \$22 may be required.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>In this course, students begin fine tuning their language through expressions, constructions, additional verb tenses, and moods. This course will be conducted mostly in French. This class can count for a Practical or Fine Art credit. Successful students in this class earned an A or B in French II. Students who complete this course with a grade of "A" or "B" will be prepared for success in French IV.</p>					
FRENCH IV		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95435S1 95435S2	1.0	10-12	<i>French III & Teacher's Recommendation</i>	Yes	A workbook fee of \$22 may be required.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit</p>		<p>Class will be conducted mostly in French. Students will perfect their grammar skills with review of previously taught materials and introduction of advanced structure through the three modes of communication: interpretive, interpersonal, and presentational. Students continue reading and listening from authentic texts and examining the connection between culture and language. Class will be conducted exclusively in French. This class can count for a Practical or Fine Art credit.</p>					
FRENCH V – Conversation & Culture		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95436S1 95436S2	1.0	10-12	<i>French III, III Honors, or higher & Teacher's Recommendation</i>	Yes	A workbook fee of \$15 may be required.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>French V is designed for those students who wish to enhance their interpersonal speaking and interpretive listening. These students will focus their communicative skills via impromptu and spontaneous conversations, interviews, and debates. They will build their vocabulary using thematic units and culturally appropriate films. Class will be conducted mostly in French.</p> <p>This class may also be concurrently taken with French IV or AP French, or after completion of II, III Honors, IV or AP. After students successfully complete this course they may choose to continue on to French IV.</p>					

AP FRENCH LANGUAGE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	95440S1 95440S2	1.0	10-12	<i>French IV & Teacher's Recommendation</i>	Yes	\$99.00 for cost of AP Exam. A \$122 workbook fee will be required.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	<p>AP French Lang. is a course for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. This course is designed to give intensive practice at an advanced level in French and to prepare for the Advanced Placement exam in French Language. AP French Language is equivalent to courses taught at the fifth and sixth semesters at the college level. The four skills areas in second language learning are: reading, writing, listening, and speaking. These skills will be practiced in an integrated fashion, such that reflects how they will be presented on the AP exam. Students are strongly encouraged to take the AP exam and will receive extensive preparation for the exam. Students are committed to AP classes for the entire school year and cannot change classes at semester. Prerequisites include successful completion of French IV and/or obtaining a signature from current foreign language teacher. This course will be conducted exclusively in French, per College Board requirement.</p>					

Spanish

SPANISH I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	95600S1 95600S2	1.0	9-12	<i>None</i>	Yes	\$13 online workbook fee
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	<p>Students in this course will learn the three modes of communication: interpretive, interpersonal, and presentational. Material covered includes simple grammatical structures and vocabulary with an emphasis on communication. This fast-paced class is the equivalent of Spanish 1A and 1B and will require extra study time outside of class to master skills and learn vocabulary. At the end of this course, students with grades of "A" or "B" will be recommended for Spanish II.</p>					
SPANISH II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	95610S1 95610S2	1.0	9-12	<i>Spanish I & Teacher's Recommendation</i>	Yes	\$13 online workbook fee
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	<p>This course is a continuation of Spanish I with emphasis on learning new and more complex vocabulary and grammar. In addition, students will begin to integrate skills studied in Spanish I/IB for more sophisticated oral and written communication. Students who complete this course with an A or a B will be recommended for Spanish III. An educational subscription</p>					

SPANISH III		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95620S1 95620S2	1.0	9-12	<i>Spanish II & Teacher's Recommendation</i>	Yes	\$5 online workbook fee
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>This course is a continuation of Spanish II with emphasis on learning more complex vocabulary and grammar in order to communicate, with emphasis on speaking and listening. Students begin fine tuning their language through expressions, constructions, additional verb tenses, and moods. The use of the Spanish language in class increases greatly. Students will also continue to study culture in greater depth. Students with an "A" or "B" will be recommended to take Spanish IV. This class can count for a Practical or Fine Art credit. An educational subscription</p>					
HONORS SPANISH III		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95725S1 95725S2	1.0	9-12	<i>Grade of A in Spanish II & Teacher's Recommendation</i>	Yes	\$15 online workbook fee
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>In this course, students begin fine tuning their language through expressions, constructions, additional verb tenses, and moods. The course will go more in depth and be conducted primarily in Spanish. Prerequisites include an A in Spanish II, teacher recommendation, and paragraph submitted (in English) on why the student wants to be in Spanish III Honors. This course is designed for students who plan on taking Spanish IV. This class can count for a Practical or Fine Art Credit. An educational subscription/workbook</p>					
SPANISH IV		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95631S1 95631S2	1.0	10-12	<i>Spanish III & Teacher's Recommendation</i>	Yes	\$13 online workbook fee
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>In this course, students and teacher communicate mainly in the Spanish language. Students continue improving their fluency in the three modes of communication: interpretive, interpersonal, and presentational. Students continue reading and listening from authentic texts and examining the connection between culture and language. This class can count for a Practical or Fine Art credit. An educational subscription will be</p>					

SPANISH V - CONVERSATION		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95660S1 95660S2	1.0	11-12	<i>Spanish IV & Teacher's Recommendation</i>	Yes	\$15 online workbook fee
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>ADVANCED CONVERSATION is designed for those students who have successfully passed Spanish IV and wish to continue practicing conversational Spanish. These students will focus their communicative skills via impromptu and spontaneous conversations, interviews and debates. They will build their vocabulary using thematic units. This course will be conducted exclusively in Spanish.</p>					
AP SPANISH LANGUAGE		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95640S1 95640S2	1.0	11-12	<i>Spanish IV & Teacher's Recommendation</i>	Yes	\$99.00 for cost of AP Exam, \$80 for AP workbook.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>AP Spanish Language is a course for students who wish to develop proficiency and integrate their language skills using authentic materials and sources. This course is designed to give intensive practice at an advanced level in Spanish and to prepare for the AP exam in Spanish Language. The four skills areas in second language learning are: reading, writing, listening, and speaking. These skills will be practiced in an integrated fashion, such that reflects how they will be presented on the AP exam. RCHS students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students are committed to AP classes for the entire school year and cannot change classes at semester. This course will be conducted exclusively in the Spanish language per College Board requirement. Summer homework is required.</p>					

Chinese

	Course #	Credit	Level	Prerequisite	CCHE	Fee
CHINESE I	95730S1 95730S2	1.0	9-12	None	Yes	An educational subscription/workbook fee of \$34 will be required.
	<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p> <p>Students in this course will learn to speak, listen, read, and write using fundamental skills in Chinese and will learn the culture and other historical aspects of Chinese civilization. Students will study simple grammatical structure which includes word use and Chinese character use in sentence structure. Students are expected to practice their vocabulary words in Pinyin and written Chinese characters. Because the language is tonal in nature, this course requires good listening skills for speaking and listening. An educational subscription/workbook fee will be required.</p>					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
CHINESE II	95731S1 95731S2	1.0	9-12	<i>Chinese I & Teacher's Recommendation</i>	Yes	An educational subscription/workbook fee of \$21 will be required.
	<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p> <p>This course continues to prepare students to develop proficiency in listening, reading, writing and speaking Chinese. Practice of all grammatical structures and vocabulary using both Pinyin and Chinese characters continues. An educational subscription/workbook fee will be required.</p>					
	Course #	Credit	Level	Prerequisite	CCHE	Fee
CHINESE III	95732S1 95732S2	1.0	9-12	<i>Chinese II & Teacher's Recommendation</i>	Yes	An educational subscription/workbook fee of \$31 will be required.
	<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p> <p>In this course, students begin fine-tuning their language with more sophisticated expressions, constructions, and grammatical structures that are more like a native speaker in quality. The use of the Chinese language in class increases greatly. Students will expand fluency in reading and writing Chinese characters and deepen their understanding of Chinese culture. An educational subscription/workbook fee will be required.</p>					

CHINESE IV		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95733S1 95733S2	1.0	9-12	<i>Chinese III & Teacher's Recommendation</i>	Yes	An educational subscription/workbook fee of \$10 will be required.
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>In this course, students and teacher communicate mainly in the Chinese language. Students continue improving their fluency in speaking, reading, writing and listening.</p> <p>An educational subscription/workbook fee will be required.</p>					
AP CHINESE (MANDARIN)		Course #	Credit	Level	Prerequisite	CCHE	Fee
		95734S1 95734S2	1.0	10-12	<i>Chinese IV & Teacher's Recommendation</i>	Yes	\$99.00 for cost of AP Exam. \$10 workbook
<p>Meets Graduation Requirements in:</p> <p>Fine Arts, Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>		<p>The AP Chinese and Culture course is a full-year course that covers the equivalent of a second-year (or the fourth semester) college/university courses in Mandarin Chinese. It is designed to provide students with authentic Chinese materials and sources to further develop and achieve language proficiencies, explore both contemporary and historical Chinese culture, and apply their language skills and cultural knowledge across the three communicative modes (Interpersonal, Interpretive, and Presentational). Students will receive intensive practice at an advanced level in Mandarin Chinese and prepare for the AP exam in Chinese Language Culture. Students are strongly encouraged to take the AP exam. Students are committed to AP classes for the entire school year and cannot change classes at semester. Time involved is approximately five hours per week. Work will be given over weekends and holidays. This course will be conducted exclusively in the Chinese language per College Board requirement. Summer homework is required.</p>					

American Sign Language

AMERICAN SIGN LANGUAGE I	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	95300S1 95300S2	1.0	9-12	None	Yes	A workbook fee may be required.
AMERICAN SIGN LANGUAGE II	Course #	Credit	Level	Successful completion of ASL I & Teacher's Recommendation	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	95302S1 95302S2	1.0	9-12	None	Yes	A workbook fee may be required.
<p>This course is designed for students continuing from ASL I. It creates a visual-gestural environment that introduces ASL grammar and vocabulary without presenting English equivalents. This course includes interactive activities, cultural awareness education, and individual feedback. Emphasis is on appropriate language use in common communication settings. At the end of this course, students with grades of "A" or "B" will be recommended for ASL III. n educational subscription/will</p>						

AMERICAN SIGN LANGUAGE III	Course #	Credit	Level	Prerequisite	CCHE	Fee
	95303S1 95303S2	1.0	10-12	<i>Successful completion of ASL II & Teacher's Recommendation</i>	Yes	A workbook/online subscription fee may be required. GoReact video online required may be required as well

Meets Graduation Requirements in:

Elective

May be taken more than once for credit.

May be taken only once for credit

This course will reinforce the student's exposure to vital aspects of deaf culture and community. It will extend the proficiency of receptive skills, expressive skills, application of syntactical and grammatical structures and sign language colloquialisms used in conversational signing. Further study of vocabulary, idioms, culture, ASL linguistics, word shapes, and topics will be essential for both left and right-handed students. Students will use implementation of grammatical information through rule-governed movements of the face and head to find compelling meaning through a variety of facial behaviors. Use of space as related to signers is also significant and will be discussed. ASL poetry and its significance in ASL linguistic studies will be introduced. Deaf Culture, norms, and behaviors will be studied. A Literacy Center will be created as a place where all components of literacy can be developed and reinforced. Students work in the "center" individually or in a group of activities designed to support the development of ASL skills using research-based practices and state of the art technology. Reading components learned include vocabulary, comprehension, fluency, and phonetic principle through ASL phonology, phonological awareness and visual identification skills.

AMERICAN SIGN LANGUAGE IV	Course #	Credit	Level	Prerequisite	CCHE	Fee
	95304S1 95304S2	1.0	10-12	<i>Successful completion of ASL III & Teacher's Recommendation</i>	Yes	A workbook fee of \$10 may be required. GoReact video online required may be required as well

Meets Graduation Requirements in:

Elective

May be taken more than once for credit.

May be taken only once for credit

American Sign Language IV courses focus on advancing students' skills and abilities to sign and understand the language so that they can maintain simple conversations with sufficient vocabulary and at an acceptable pace and have sufficient comprehension skills to understand the language when signed at a normal pace.



Other Educational Programs And Select Courses

Course Offerings

Grade	Other Educational Programs
9-12	EdGenuity (StarLab On-Line Learning Center for Credit Recovery) *Fee for each semester is \$80.00
11-12	Fire Science Program – <u>Must take all 3 year long classes</u> (Career and Technical Education and Concurrent Enrollment with Red Rocks Community College) *Fee for each class is \$67.00
10-12	Criminal Justice (CTE/CE) - Must register for both semester classes
12	Emergency Medical Technician:EMT -- Candidates must register for all 5 classes *Fee for each class is \$67.00

Grade	Select Courses Offered
9	Competitive Speech I Sports Psychology & Performance Competitive Speech II Student Government Introduction to Mindfulness Freshmen Transition
10	Counseling Aide Introduction to Mindfulness Competitive Speech I Sports Psychology & Performance Competitive Speech II Student Government Front Office Aide Teacher Aide
11	Counseling Aide Peer Counseling I Competitive Speech I Peer Counseling II Competitive Speech II Special Services Intern Front Office Aide Introduction to Mindfulness Teacher Aide Student Government AP SEMINAR
12	Counseling Aide Peer Counseling I Competitive Speech I Peer Counseling II Competitive Speech II Sports Psychology & Performance Front Office Aide Student Government Introduction to Mindfulness Teacher Aide AP RESEARCH

Concurrent Enrollment (CE) and Career & Technical Education (CTE) registration information. Concurrent Enrollment Courses are for High School credit and college credit. Applications are needed for these courses.

*For the Fire Science Program, applications are needed for these courses. Registration for each course requires an application and a signature from the teacher, or your coun-

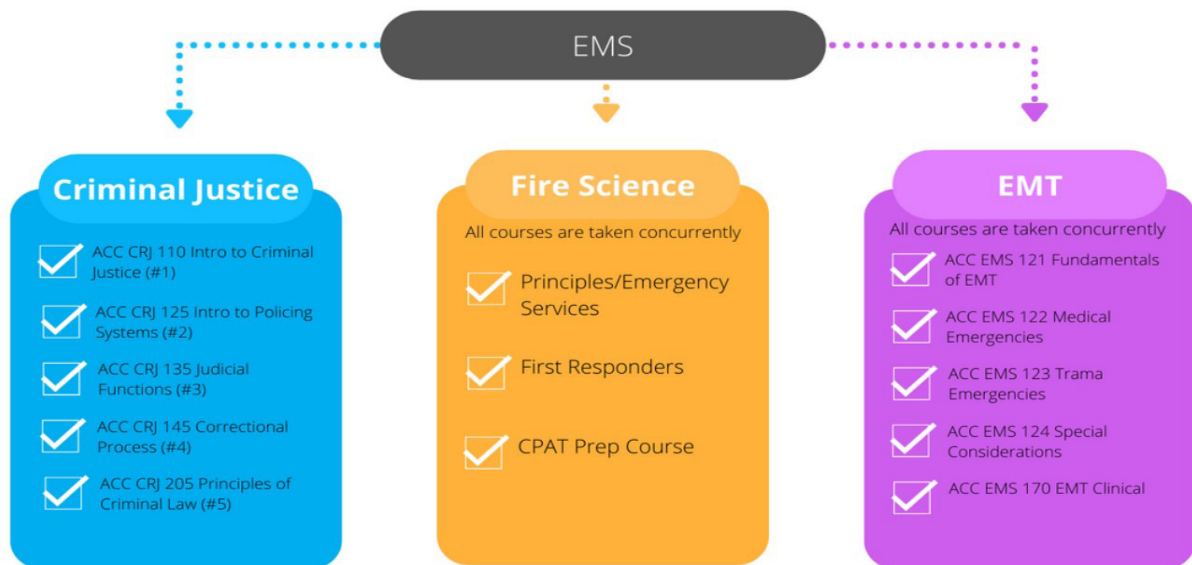
selor, unless stated otherwise.

Other Educational Programs

COMPETITIVE SPEECH I	Course #	Credit	Level	Prerequisite	CCHE	Fee
	50720	0.5	9-12	None	No	Students will be responsible for their own tournament expenses.
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit</p>	<p>In this course students will study and develop skills in extemporaneous and impromptu speaking, original oratory, and interpretation of poetry, drama, and humor. Emphasis is on preparing students to compete in accordance with the guidelines set forth from the National Speech and Debate Association. Students interested in competitive debate such as Lincoln-Douglas, Public Forum, and Congress may also register for this class. Saturday tournament attendance is optional for extra credit.</p>					
COMPETITIVE SPEECH II	Course #	Credit	Level	Prerequisite	CCHE	Fee
	50725	0.5	9-12	None	No	Students will be responsible for their own tournament expenses.
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit</p>	<p>This would be the second semester of the competitive speech season. In this course students will study and develop skills in extemporaneous and impromptu speaking, original oratory, and interpretation of poetry, drama, and humor. Emphasis is on preparing students to compete in accordance with the guidelines set forth from the National Speech and Debate Association. Students interested in competitive debate such as Lincoln-Douglas, Public Forum, and Congress may also register for this class. Saturday tournament attendance is optional for extra credit.</p>					

TEACHER AIDE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	48885 Fall 48886 Spr	.025	10-12	<i>Application & Teacher's Recommendation</i>	No	none
Meets Graduation Requirements in: Elective <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	Students will be given activities and work on projects in an assigned academic area and be accountable to a specific teacher. A pass/fail grade will be given at the quarter and semester (the grade is not calculated into the student's grade point average). This class can only be listed as an Alternate as the application must be completed, turned in, and approved.					
OFFICE AIDE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	48855 Fall 48856 Spr	0.25	10-12	<i>Application & Teacher's Recommendation</i>	No	none
Meets Graduation Requirements in: Elective <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	Students will work on various front office projects including distribution of information to students and faculty. A pass/fail grade will be given at the quarter and semester. (The grade for this elective is not calculated into the student's grade point average). This class can only be listed as an Alternate as the application must be completed, turned in, and approved.					
COUNSELING AIDE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	48875 Fall 48876 Spr	0.25	10-12	<i>Application & Counselor's Recommendation Priority will be given to students who have completed Peer Counseling I.</i>	No	none
Meets Graduation Requirements in: Elective <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	Students working as counseling aides are expected to be responsible, respectful, self-reliant, and non-disruptive to the counseling office environment. Aides will work on various counseling center projects including: running passes, updating bulletin boards, giving tours to new students/families, and distributing information to students and faculty. Attendance is required and a pass/fail grade will be given at the quarter and semester. Students not meeting these expectations may be dismissed from this position and/or unable to take the course again in the future. (The grade for this elective is not calculated into the student's grade point average). This class can only be listed as an Alternate as the application must be completed, turned in, and approved.					

CTE Pathways



EMERGENCY SERVICES

FIRE SCIENCE COURSES: **Candidates must register for all Three**

FIRE SCIENCE AND PRINCIPLES OF EMERGENCY SERVICES	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	69117S1 69117S2	1.0	11-12	CE Application	N/A	\$67
CANDIDATES PHYSICAL ABILITY TEST (CPAT) PREPARATION COURSE	Course #	Credit	Level	Prerequisite	CCHE	Fee
<p>Meets Graduation Requirements in:</p> <p>Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	69116S1 69116S2	1.0	11-12	CE Application	N/A	\$67

This is a Concurrent Enrollment course and requires the CE application with Red Rocks Community College, COF application, and Accuplacer test.

Prerequisite: *Must be currently enrolled in Algebra II or higher.*

Students will learn about extinguishing methods and equipment, special extinguishing agents, special hazard considerations and principles of emergency service. Students will earn college credit for post-secondary studies. Upon completion of this three course program, students will be trained in all facets of basic firefighting to the State Firefighter I Level, and will receive Basic Life Support certification, plus instructional techniques for teaching the public important safety information. It is also a preparatory course for certification as an Emergency Medical Technician.

This is a Concurrent Enrollment course and requires the CE application with Red Rocks Community College, COF application, and Accuplacer test.

Prerequisite: *Must be currently enrolled in Algebra II or higher.*

The CPAT course physically prepares students to pass the Candidates Physical Ability Test which is required for most jobs related to Fire Science. Students will earn college credit for post-secondary studies. Upon completion of this three course program, students will be trained in all facets of basic firefighting to the State Firefighter I Level, and will receive Basic Life Support certification, plus instructional techniques for teaching the public important safety information. It is also a preparatory course for certification as an Emergency Medical Technician.

JOB PLACEMENT & ASSESSMENT	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	69115S1 69115S2	1.0	11-12	CE Application	N/A	\$67
<p>This is a Concurrent Enrollment course and requires the CE application with Red Rocks Community College, COF application, and Accuplacer test.</p> <p>Prerequisite: <i>Must be currently enrolled in Algebra II or higher.</i></p> <p>Addresses all aspects of the Fire Service entrance examination process and especially emphasizes various components of the exam, including the written, physical abilities, and oral interview. The objective of the class is to help increase the entrance firefighter candidate's chance of obtaining a career in the Fire Service.</p>						

EMT: EMERGENCY MEDICAL TECHNICIAN COURSES: Candidates must register for all five

The Emergency Medical Technician (EMT) is open to students who will turn 18 prior to the end of their senior year and have completed English III with a C or better. This is an entry level program and is the prerequisite to obtaining a paramedic certification. Students must have a 2.7 GPA.

The Emergency Medical Technician is a healthcare professional in the Emergency Medical Services (EMS) system whose primary role is to respond to, assess, triage, and treat emergent, urgent, and non-urgent requests for medical care. Utilizing basic knowledge and skills the EMT provides care and medical transportation to or from a healthcare facility while providing treatment while enroute.

Additional Registration Items will include:

Background Check

Vaccination Records

Proof of Health Insurance

Drug Test

Hepatitis Vaccine

DCSD email account, checked regularly

EMT FUNDAMENTALS 121	Course #	Credit	Level	Prerequisite	CCHE	Fee
Meets Graduation Requirements in: Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	69901S1	.5	12	ACC/CE Contract & ACC Application	N/A	\$65
<p>Introduces the Emergency Medical Technician (EMT) student to prehospital emergency care. The topics included in this course are Emergency Medical Services (EMS) systems, well-being of the EMT, communications, documentation, anatomy, airway management, and patient assessment. 3.0 college credits.</p>						

EMT MEDICAL EMERGENCIES 122	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69902S1	1.0	12	<i>ACC/CE Contract & ACC Application</i>	N/A	\$55
Meets Graduation Requirements in: Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	Provides the EMergency Medical Technician (EMT) student with the knowledge and skills to effectively provide emergency care and transportation to a patient experiencing a medical emergency. This course focuses on the integration of the physical exam, medical history, and pathophysiology when assessing and treating the medical patient. 4.0 college credits.					
EMT TRAUMA	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69903S2	.5	12	<i>ACC/CE Contract & ACC Application</i>	N/A	\$90
Meets Graduation Requirements in: Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to provide appropriate emergency care and transportation of a patient who has suffered a traumatic injury. The concepts of kinematics and the biomechanics of trauma, along with pathophysiology and injury patterns will provide the student with the ability to assess and manage the trauma patient. 2.0 college credits.					
EMT SPECIAL CONSIDERATIONS 124	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69904S2	.5	12	<i>ACC/CE Contract & ACC Application</i>	N/A	none
Meets Graduation Requirements in: Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	Provides the Emergency Medical Technician (EMT) student with the knowledge and skills required to modify the assessment, treatment, and transportation of special patient populations and patients in special circumstances. This course also provides an overview of incident command, mass casualty incidents, vehicle extrication, air medical support, hazardous materials, and terrorism. 2.0 college credits.					

EMT CLINICAL 170	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69905	.5	12	<i>ACC/CE Contract & ACC Application</i>	N/A	\$255
Meets Graduation Requirements in: Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	Provides the Emergency Medical Technician (EMT) student with the opportunity to witness and participate in activities that culminate their learning. 1.0 college credits.					

Criminal Justice Courses

Candidates must register for the full year & courses are to be taken consecutively.

ACC-CRJ 110 INTRO TO CRIMINAL JUSTICE (CTE/ CE)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69098	.5	10-12	<i>ACC/CE Contract & ACC Application SAT Reading & Writing 430 or ACT English 16 or Accuplacer Writing 225</i>	N/A	none
Meets Graduation Requirements in: Practical Arts <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	This is a Concurrent Enrollment course and requires the ACC/CE Contract & application with Arapahoe Community College. Introduces a study of the agencies and processes involved in the criminal justice system: the legislature, the police, the prosecutor, the public defender, the courts, and corrections. Includes an analysis of the roles and problems of the criminal justice system in a democratic society, with an emphasis upon inter component relations and checks and balances.					

ACC-CRJ 125 POLICING SYSTEMS (CTE/CE)	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69099	.5	10-12	<i>ACC/CE Contract & ACC Application, ACC-CRJ 110 SAT Reading & Writing 430 or ACT English 16 or Accuplacer Writing 225</i>	N/A	none
<p>Meets Graduation Requirements in:</p> <p>Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	<p>This is a Concurrent Enrollment course and requires the ACC/CE Contract & application with Arapahoe Community College.</p> <p>Examines the complexity and multi-dimensional aspects of the law enforcement role and career; law enforcement discretion; law enforcement values and culture in modern America. Covers the role and functions of law enforcement in occupational, social, racial and ethnic, political and organizational context.</p>					
ACC-CRJ 135 JUDICIAL FUNCTIONS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69951	.5	10-12	<i>ACC/CE Contract & ACC Application. ACC-CRJ 125 and SAT Reading & Writing 430 or ACT English 16 or Accuplacer Writing 225.</i>	N/A	Students must purchase textbook.
<p>Meets Graduation Requirements in:</p> <p>Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	<p>This is a Concurrent Enrollment course and requires the ACC/CE Contract & application with Arapahoe Community College.</p> <p>Provides an overview of the structure and function of the dual American judicial system and the behavior of actors (judges/justices, lawyers, law clerks, interest groups, etc.) within the system. Emphasis is placed on the organization and administration of state and federal courts, criminal court procedures, juries, selection of judges, decision-making behavior of juries, judges and justices, and the implementation and impact of judicial policies.</p>					
ACC-CRJ 145	Course #	Credit	Level	Prerequisite	CCHE	Fee
	69097	.5	10-12	<i>ACC/CE Contract & ACC Application, ACC-CRJ 135 and SAT Reading & Writing 430 or ACT English 16 or Accuplacer Writing 225.</i>	N/A	Students must purchase textbook.
<p>Meets Graduation Requirements in:</p> <p>Practical Arts</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	<p>This is a Concurrent Enrollment course and requires the ACC/CE Contract & application with Arapahoe Community College.</p> <p>Focuses on the post-conviction corrections process, the development of a correctional philosophy, theory, and practice, a description of institutional operation, programming and management, and community-based corrections, probation, and parole.</p>					

Credit Recovery and Peer Counseling

EDGENUITY						
Course #	Credit	Level	Prerequisite	CCHE	Fee	
-----	Varies	9-12	<i>Application/Approval/Fee</i>	N/A	\$80	
Meets Graduation Requirements for Credit Recovery.	StarLab on-line learning center for credit recovery. See your counselor for application and approval. Application fee of \$80.00 per semester.					
PEER COUNSELING I						
Course #	Credit	Level	Prerequisite	CCHE	Fee	
35400(S1) 35400(S2)	1.0	11-12	<i>Application Completed application and possible interview. It is recommended that interested students take Psychology or AP Psychology.</i>	No	none	
Meets Graduation Requirements in: Elective <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit	<p>This course offers an opportunity to enrich relationships with everyone in your life. You will learn how to communicate more deeply and openly resulting in fostering more positive interactions. These valuable skills will be used again and again throughout your life--giving you real life tools to succeed no matter what situation you find yourself experiencing. Students will gain a deeper awareness of self and others. Students in this class will also serve on the school's B.I.O.N.I.C (Believe It Or Not I Care) team and engage in culture & climate initiatives. Semester 1 trains students in the classroom to prepare them to work in the counseling office semester 2.</p> <p>This course requires the applicant to submit an application to the counseling office. Once an application has been submitted, a brief interview will follow. A limited number of students will be selected to take the class.</p>					
PEER COUNSELING II						
Course #	Credit	Level	Prerequisite	CCHE	Fee	
35410(S1)	0.5	12	<i>Peer Counseling I, Counselor's Recommendation Successful completion of Peer Counseling I with a "B" or higher grade. It is recommended that interested students take Psychology or AP Psychology.</i>	No	none	
Meets Graduation Requirements in: Practical Arts <input checked="" type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit	<p>Trained peer counseling students are scheduled to assist with the facilitation of the Peer Counseling I class and also work in the counseling office. Essential duties: lead class discussions, have 1-1 student interactions, serve as 8th grade ambassadors, lead new student transitions, and link students to resources. Peer Counseling II students will also work on various counseling center projects, culture and climate initiatives.</p>					

Other Educational Programs

SPORTS PSYCHOLOGY & PERFORMANCE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	85755	0.5	9-12	None	No	none
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input type="checkbox"/> May be taken more than once for credit.</p> <p><input checked="" type="checkbox"/> May be taken only once for credit</p>	<p>Sports Psychology and Performance provides students with in-depth exposure to the world of sports and athletes by examining the psychology behind athletes, fans, corporations and the general population's interest in professional and amateur competition. Students will engage in classroom experiences including researching career pathways and degrees, usage of technology in sports performance, analysis of current sports related trends, exploration of current therapy used to help athletes obtain their goals, and interaction with psychology experts whose expertise is in sports and athletes.</p>					
STUDENT GOVERNMENT	Course #	Credit	Level	Prerequisite	CCHE	Fee
	35450S1 35450S2	1.0	9-12	<i>Application & Interview & Teacher's Recommendation</i>	No	\$30
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit</p>	<p>Students will explore concepts of leadership and develop leadership techniques through school activities, which promote school spirit and community service. Dances, pep rallies and charity events comprise the bulk of the projects during the year. Teamwork is an integral part of the class. All Student Government officers and representatives are required to take this class. Interested candidates should list Student Government as the first alternate course at the time of registration. The application and interview process will take place in February/March. Additional information is available from the Student Government teacher and sponsor.</p>					
TEACHER AIDE	Course #	Credit	Level	Prerequisite	CCHE	Fee
	48885S1 48886S2	.025	10-12	<i>Application & Teacher's Recommendation Prerequisite: Sophomores must take 6 classes before applying for an aide.</i>	No	none
<p>Meets Graduation Requirements in:</p> <p>Elective</p> <p><input checked="" type="checkbox"/> May be taken more than once for credit.</p> <p><input type="checkbox"/> May be taken only once for credit</p>	<p>Students will be given activities and work on projects in an assigned academic area and be accountable to a specific teacher. A pass/fail grade will be given at the quarter and semester (the grade is not calculated into the student's grade point average). This class can only be listed as an Alternate as the application must be completed, turned in, and approved.</p>					

INTRODUCTION TO MINDFULNESS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	75770	.5	9-12	None	No	none

Meets Graduation Requirements in:

Elective

May be taken more than once for credit.

May be taken only once for credit

This semester-long elective introduces mindfulness and the science surrounding it. To effectively understand the positive impact of mindfulness on our mental and physical health, students will explore the scientific research around mindfulness practices. Daily instruction will include mindful sits, journaling, self-reflection, and awareness through written work and group discussions. The Social-Emotional Learning Competencies of improved self-awareness, self-management, social awareness, relationships, and decision-making are units of study. Simultaneously, students will develop their own formal mindful practices, in and out of the classroom, so they will be better equipped to apply mindfulness to daily life. This course will have both in-person and at-home activities used to supplement the material covered during class. This is NOT simply a meditation course.

FRESHMEN SUCCESS	Course #	Credit	Level	Prerequisite	CCHE	Fee
	40550	.5	9	None	No	none

Meets Graduation Requirements in:

Elective

May be taken more than once for credit.

May be taken only once for credit

This semester-long course is designed to help students transition from middle school to high school. It provides students with the skills and techniques that will enable them to become more strategic and successful learners. Time in class is allocated for students to work on homework, study for tests and/or meet with the teacher for personal assistance. The teacher will complete frequent grade checks with students to help keep them on track.

AP CAPSTONE PROGRAM

Beginning with the 2019-20 School Year, Rock Canyon became an AP Capstone school, allowing students to receive an AP Capstone Diploma if they complete AP Seminar (11th grade) and AP Research (12th grade) and achieve a passing score on FOUR other AP courses throughout their high school career. For more information, visit:

<https://apcentral.collegeboard.org/courses/ap-capstone>.

AP SEMINAR		Course #	Credit	Level	Prerequisite	CCHE	Fee
		22110S1/ S2	1.0	11	<i>None; Please conf. with your English Teacher</i>	Yes	\$145
Meets Graduation Requirements in: Elective <input type="checkbox"/> May be taken more than once for credit. <input type="checkbox"/> May be taken only once for credit		AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.					
AP RESEARCH		Course #	Credit	Level	Prerequisite	CCHE	Fee
		22112S1/ S2	1.0	12	<i>AP Seminar</i>	No	\$145
Meets Graduation Requirements in: Elective <input type="checkbox"/> May be taken more than once for credit. <input checked="" type="checkbox"/> May be taken only once for credit		AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. (Note: AP Seminar is a prerequisite for AP Research. Completing AP Seminar and all its required assessment components is necessary for students to develop the skills to be successful in AP Research.)					