Lyons High School
Course Description Book 2018 - 2019

Phone Numbers
Main Office 303-823-6631
Fax: 720-494-3855

Address:
100 McConnell Drive
Lyons, CO 80540

District Website: www.svvsd.org
School Website: http://lmshs.svvsd.org/

E-Mail
Every Lyons Middle-Senior staff member can be reached through e-mail. Simply address your e-mail to: last name _ first name@svvsd.org (Smith_john@svvsd.org) E-mail addresses can also be found on the school’s website.

Building Hours
School Office Hours 7:00 AM – 3:30 PM
Counseling Office Hours 7:30 AM – 3:00 PM

Vision Statement
Lyons High will have a welcoming environment where students can experience academic success and prepare for post secondary education, the world of work, and life’s challenges.

Our Mission:

• Provide a top-notch learning environment for all students.
• Provide a learning environment focused on rigor, relevance, and relationships.
• Provide the support and encouragement students need to accomplish their goals.
• Provide an opportunity for students to participate in a variety of electives.
• Provide an opportunity for students to participate in extra/co-curricular activities, including community service.

The Benefits of Thoughtful Planning As It Relates To Planning a Course Schedule:

All students benefit from planning for their post-high school years. Whatever a student may have in mind--directly entering the job market, technical/trade school, community college, four-year college or university, military service--carefully selecting high school courses will help reach these chosen goals.

All students, especially juniors and seniors, are strongly encouraged to create a challenging schedule of rigorous academics, rather than the minimum classes to graduate. Research indicates that a student who takes an AP class in high school is twice as likely to graduate from college as a student who does not take an AP class.
Table of Contents

Introduction, Registration Process and Guidelines 3
Colorado College Admissions requirements 3
St. Vrain Graduation Requirements 4
NCAA Requirements 5
Career and Educational Four-Year Planning Calendar 6
Honors, College Prep, AP Courses, Misc. 8
Academic Lettering Policy 9
Schedule Changes/Withdrawal from Course 9
Sample of Four Year Plan 10
Template of Four Year Plan 11
How to read the Course Descriptions 12
Math 13
Science 14
English 16
Social Studies 18
Health/Personal Financial Literacy 19
Fine Arts 20
Foreign Language 21
PE 22
Technology & Miscellaneous Electives 23
Concurrent Enrollment (college level courses) 24
Online/Credit Recovery Options 26
Introduction to the Course Description Book: 2018-2019
A planning guide for program selection and course registration

Welcome to Lyons High! This Course Description and Course Registration Guide have been developed to assist you in planning a course in study for your high school years.

The guide contains the requirements that you must meet to graduate from Lyons High. It also contains descriptions of all the courses that may be offered at LHS for the next school year.
- Study the graduation requirements, college entrance requirements, Advanced Placement Program information.
- Complete a 4 year plan (incoming Freshmen) or credit check sheet (Incoming Sophomores, Juniors, Seniors)
- Then review the course offerings and plan your own course of study with your parents and/or counselor. Your choice of courses should be based on graduation requirements, teacher recommendations, your interests and abilities, your past achievements, and your post high school plans.

Registration Procedure for 2018-2019

1. Each student will receive a Course Description and Registration Packet for family consideration.
2. Please complete the registration packet (refer to the registration checklist for required forms).
3. Each student must complete the course registration form indicating the courses desired for the next school year. (Parent/Guardian signature is required. Many courses require teacher recommendations, applications and/or signatures).
4. Finalize registration process in English classes.

Please think carefully about your course selections for next year. Talk to your teachers and counselor if you need advice. The Counseling Department, the faculty and the administrators are available to offer assistance in your decision-making process. Please contact us at 303-823-6631 if you have any questions.

REGISTRATION GUIDELINES

The master schedule will be built from student requests. Courses and multiple sections of courses will be offered only if sufficient numbers of students enroll. Therefore, please make your selections carefully. Students will be selecting classes for the entire school year.

Please review and/or complete the following:

1. Review the high school graduation requirements.
2. Review the sample college admission criteria.
3. Review or complete a four-year plan.
4. Review the course offerings.
5. Read the course descriptions.
6. If you are an athlete, it is your responsibility to know and understand the eligibility requirements.
7. Consult teachers, counselors and administrators for guidance.
8. Follow the instructions on your registration form.
9. Freshmen through Senior level students must be enrolled in at least 7 classes per semester.

Colorado College Admissions Requirements:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0</td>
<td>English</td>
</tr>
<tr>
<td>4.0</td>
<td>Math (Algebra I, Geometry, Algebra II or equivalents)</td>
</tr>
<tr>
<td>3.0</td>
<td>Natural/Physical Science (2.0 credits must be lab based)</td>
</tr>
<tr>
<td>3.0</td>
<td>Social Studies (at least 1.0 credit either US or World History)</td>
</tr>
<tr>
<td>2.0</td>
<td>World language course – must be in the same language</td>
</tr>
<tr>
<td>2.0</td>
<td>Academic Electives: Computer Science, art, music, journalism or drama. Also acceptable are honors, advanced placement and/or International Baccalaureate (IB) courses.</td>
</tr>
</tbody>
</table>
Graduation Requirements Class of 2019-2020
Graduates must complete **24.5** credits in grades 9-12.
Credits must include:
- English 4.0
- Math 3.0
- Social Studies 3.0
- Science 3.0
- Physical Ed 2.0
- Practical Arts .5
- Fine Arts .5
- Health .5
- Gen. Electives 8.0

For more information: [http://svvsd.org/guide-graduation](http://svvsd.org/guide-graduation).

Graduation Requirements Class of 2021 or later
Graduates must complete **24.5** credits in grades 9-12.
Credits must include:
- English 4.0
- Math 3.0
- Social Studies 3.0
- Science 3.0
- Physical Ed 2.0
- Practical Arts .5
- Fine Arts .5
- Health .5
- Financial Literacy .5 *
- Gen. Electives 7.5 *

*Look up specific college admission on their website

**Individual Career & Academic Plan (ICAP):** Graduates develop/complete a plan that includes post secondary college/career interests & goals. The following indicators may be components of the ICAP: Self/Career Awareness, Post Secondary Aspirations/Options, Environmental Expectations, Academic Planning, Employability Skills, Financial Literacy.

**Demonstration of College Readiness:** Graduates will demonstrate college or career readiness in both English and Math based on at least ONE measure listed in each concentration.

<table>
<thead>
<tr>
<th>Measure Type</th>
<th>English Score</th>
<th>Math Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuplacer: computerized test assess reading, writing, math &amp; computer skills</td>
<td>62 rdg compreh.</td>
<td>61 elem. algebra</td>
</tr>
<tr>
<td>ACT: College admissions test English, reading, math, science</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>ACT Compass: computerized test evaluates skills and places them in appropriate courses</td>
<td>79</td>
<td>63</td>
</tr>
<tr>
<td>ACT WorkKeys: tests job skills in applied reading, writing, math &amp; 21st century skills</td>
<td>Bronze</td>
<td>Bronze</td>
</tr>
<tr>
<td>AP Exams: College level tests. District choose which AP exams will fulfill this options.</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>ASVAB: test that helps determine students’ eligibility/ suitability for careers in military.</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td>Concurrent Enrollment: College courses</td>
<td>C or better</td>
<td>C or better</td>
</tr>
<tr>
<td>District Capstone: Culminating exhibition of a student’s projects including portfolio demonstrating academic and intellectual learning.</td>
<td>Individualized</td>
<td>Individualized</td>
</tr>
<tr>
<td>SAT: College admissions exam</td>
<td>430</td>
<td>460</td>
</tr>
</tbody>
</table>

These are the minimum academic standards for 4 year colleges in the state of Colorado in addition to achieving various levels of scores on the ACT/SAT see individual college/university websites for details.

For out of state colleges/universities look at their websites for admission requirements.
The following eligibility criteria has been altered to align with SVVSD graduation criteria & NCAA standards.

**NCAA Eligibility Division I & II**

- 4.0 English
- 3.0 Math (at Algebra 1 level and higher)
- 3.0 Science
- 3.0 Social Studies
- 3.0 Additional credits of:
  - Foreign language, English, Math, Science (Yes! Astronomy/Anatomy Physiology, Marine Bio would count) or Social Studies (Yes! Economics, World Cultures, Sociology, Psychology would count)
- Keep in mind NCAA Eligibility and College admission requirements vary. (ie 4 years of math 3-4 years science, 2 years of foreign language are often admission requirements...look at individual schools for their admissions requirements.
- Division 1 minimum 2.3 GPA, Division II minimum 2.0 GPA (core courses)
- To see NCAA test score ACT/ SAT and GPA criteria sliding scale: [http://www.ncaa.org/student-athletes/future/test-scores](http://www.ncaa.org/student-athletes/future/test-scores)
- Students must register on the NCAA eligibility center [ncaaeligibilitycenter.org](http://ncaaeligibilitycenter.org)

---

**NCAA Division III**

Division III schools provide an integrated environment focusing on academic success while offering a competitive athletics environment. Division III rules minimize potential conflicts between athletics and academics and focus on regional in-season and conference play.

While Division III schools do not offer athletics scholarships, 75 percent of Division III student-athletes receive some form of merit or need-based financial aid.

If you are planning to attend a Division III school, you do not need to register with the NCAA Eligibility Center. Division III schools set their own admissions standards.
FRESHMAN YEAR * Access Naviance through the year to explore college/career possibilities. Go to Lyons homepage Quick Links Naviance

August
Check in on assigned day. Meet with counselor for a schedule change if necessary. Check for activities and clubs you would be interested in joining.

September
During the first semester, student receives a detailed freshman checklist from the counselor to review with parents.

October
PSAT practice test
Attend a College Fair

Sept. - June
Discuss with teachers, parents, and counselors concerns about grades, academic achievement, and preparation for post-high school goals. Students are encouraged to take a rigorous course load. Parents and students are encouraged to attend Back-to-School night and parent-teacher conferences.

Jan/Feb.
Read and review course offerings in the Course Description and Registration Guide. Discuss questions and concerns with parents, teachers and/or counselor. Keep your post-high school goals in mind as you choose courses. Complete registration for your sophomore year. Make/review a 4 year plan for high school courses.

April
Take PSAT9 test (state mandated).

Summer
Take summer school class(es) if you did NOT pass a core class(es). Volunteer and/or get a job to build your resume and save for college.

SOPHOMORE YEAR * Access Naviance through the year to explore college/career possibilities. Go to Lyons homepage Quick Links Naviance

August
Check in on assigned day. Meet with counselor for a schedule change if necessary.

Sept. – June
Continue to self-monitor academic progress, seeking help and support when needed. Parents and students are encouraged to attend Back-to-School night and parent-teacher conferences. Begin exploring post-high school options. Identify career interest areas and explore career opportunities by interviewing or job shadowing professionals in your areas of interest. Student receives a detailed sophomore checklist from the counselor to review with parents.

October
PSAT practice test
Attend a College Fair

Jan/Feb.
Read and review course offerings in the Course Description and Registration Guide. Discuss questions and concerns with parents, teachers and/or counselor. Keep your post-high school goals in mind as you choose courses. Complete registration for junior year. Review your 4 year plan.

April
Take PSAT10 (state mandated) at Lyons High School

Summer
Take summer school class(es) if you did NOT pass a core class(es). Volunteer and/or get a job to build your resume and save for college.
**JUNIOR YEAR** *Access Naviance through the year to explore college/career possibilities. Go to Lyons homepage Quick Links ➞ Naviance*

**August**
Check in on assigned day. Meet with counselor for a schedule change if necessary.

**Sept - June**
Continue to self-monitor academic progress seeking help and support when needed. Parents and students are encouraged to attend Back-to-School Night and parent-teacher conferences. Continue to explore post-high school options and career interests. Job shadowing is strongly encouraged. Meet with college admission representatives when they visit Lyons High. Visit college campuses when possible. Student receives a detailed junior checklist from the counselor to review with parents.

**October**
Take the PSAT (National Merit Scholarship eligibility is based on the PSAT). Attend a College Fair / Financial Aid Night

**Jan/Feb.**
Read and review course offerings in the Course Description and Registration Guide. Discuss questions and concerns with parents, teachers and/or counselor. Keep your post-high school goals in mind as you choose courses. Complete registration for senior year. Register for May and June ACT and SAT tests.

**April**
Take the SAT test (state mandated) at Lyons High. Take CMAS science.

**May**
Take Advanced Placement examinations, if appropriate. Identify people that know you well and could write a letter of recommendation. Start your college admissions essay. Update resume you will use in the fall of senior year for college applications and letters of recommendation.

**June**
Take/Re-take the ACT and/or SAT tests for college admission/scholarship eligibility if needed.

**Summer**
Take summer school class(es) if you did NOT pass a core class(es). Make college visits; interview college admissions representatives and narrow your list of tentative college choices. Volunteer and/or get a job to build your resume and save for college.

**SENIOR YEAR** *Access Naviance through the year to explore college/career possibilities. Go to Lyons homepage Quick Links ➞ Naviance*

**August**
Check in on assigned day. Meet with counselor for a schedule change if necessary. Sign up for credit recovery classes if you need to retake classes. Take/Re-take the ACT and/or SAT tests for college admission/scholarship eligibility if needed (deadline is August for October test dates).

**Sept - June**
Continue to self-monitor academic progress seeking help and support when needed. Students are strongly encouraged to take a rigorous course load. Meet with counselor to begin college application process and to review summary of high school credits. Register and take/re-take ACT and/or SAT (Oct. test dates are recommended) **Attend College Fairs and/or** meet with college admissions counselors/representatives/attend financial sessions and continue to make campus visits. If necessary, request letters of recommendation from your counselor and/or teachers who are familiar with you and your academic potential. You may also ask an employer for a recommendation letter. Resumes are completed in your English classes. Complete and make copies. Give one to each person that is writing a recommendation letter for you. Student receives a detailed senior checklist from the counselor to review with parents.

**October**
FAFSA – complete for Federal Financial Aid for college purposes.

**December**
Finalize college applications before winter break.

**Jan**
The Local Scholarship packets will be distributed that evening. The Local Scholarship packets will be distributed to senior students. Complete and file financial aid forms and applications. Submit scholarship applications according to identified deadlines.

**February**
As detailed in the Local Scholarships packet, submit applications to the counseling office or to the specified organizations listed.

**April**
Notify your chosen college that you will attend in the fall.

**May**
Take Advanced Placement examinations, if appropriate. Complete your senior check out. Request a final transcript to be sent to your chosen college.

**GRADUATE!!**
Honors/Advanced Placement Courses
Lyons High offers a number of honors courses. The honor courses are weighted on a 4.5 scale. Students must have teacher recommendation to be accepted into honors courses. Honor courses are meant to challenge and prepare students for the rigor for AP courses and beyond.

Course Recommendation Procedures  Course recommendations are made by teachers (based on student performance) prior to the student registration process in February. If students desire to take a class they were not recommended for, they need to communicate this with the recommending teacher and discuss opportunities for improvement to earn the recommendation. In May, teacher recommendations are revisited and if students have met the teacher expectations as discussed, the teacher may change their recommendation. The recommendations from May are final and not negotiable in the fall.

<table>
<thead>
<tr>
<th>English 9 Honors</th>
<th>English 10 Honors</th>
<th>Biology Honors</th>
<th>Chemistry Honors</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP US History</td>
<td>AP Language &amp; Composition</td>
<td>AP Biology</td>
<td>AP Calculus</td>
</tr>
<tr>
<td>AP Government</td>
<td>AP Literature</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Lyons High offers the following Advanced Placement Courses*:

*Advanced Placement Courses are intensive, college-level courses and examinations offered in high school. AP courses are weighted on a 5.0 scale and AP examinations are graded on a scale of 1 to 5, with 1 indicating “no recommendation” and 5 indicating “extremely well qualified.” Students who earn satisfactory grades on AP exams may be granted credit by their college or university. Students may also be eligible for AP Scholar awards. See individual university websites for AP equivalencies of credit to be awarded/criteria.

*AP Lang (→)*AP Lit, *AP Hist (→)*AP Gov: These symbols indicate an alternating year offering of these AP classes. This course description booklet will contain the description of the course being taught in the upcoming year. Plan accordingly.

PE Waiver  A PE waiver is for a student who has NOT been able to fit PE into their schedule due to the rigorous nature of the amount of courses taken during high school. St. Vrain Valley School District provides the opportunity for a student to waive up to 1.0 physical education credit when specific criteria are met. Students who maintains a full-time status (defined as a daily course schedule with 7 / 8 classes per semester, none of which can be aiding) during all four years of high school and meet all graduation requirements may request waiver of an initial .5 physical education credit by successfully completing the following criteria:

- Two (2) SVVSD athletic programs at the varsity or junior varsity level (two different sports; same sport two seasons); or
- 72 hours during one semester of an appropriate, pre-approved, structured, and supervised activity outside of the school district.

Students with an advanced course schedule including enrollment in multiple academically rigorous courses, may also request an initial .5 physical education credit waiver when combined with one of the above criteria. Students may waive an additional .5 physical education credit for a total of one (1) physical education credit in this same manner. The activities to waive physical education credit may be met during any of a student’s four years of high school. A student may not waive physical education credit if they have failed any courses and/or are in the process of credit recovery to meet graduation standards. Whether or not a student has received a physical education waiver, they are still required to successfully complete 24.5 credits in order to earn their high school diploma. The physical education waiver application may be acquired in the counseling office. Students must submit a written request for a waiver to their counselor beginning in January of their junior year. Additional information on applying for and receiving approval of a physical education credit waiver can be found in District policy, IKF-R, Graduation Requirements-Physical Education Waiver.
ST. VRAIN VALLEY SCHOOL DISTRICT
ACADEMIC LETTERING POLICY

St. Vrain Valley School District’s high schools award letters for academic achievement. Students may qualify for an academic letter each semester. To initially qualify for an academic letter see below. (Further qualifying semesters of academic achievement per the guidelines will result in the award of an academic bar to be worn on the letter.)

1. A student must earn a 3.75 grade point average for the semester.
2. A student must be enrolled as a full-time student and be enrolled in a minimum of three core area classes (English, Mathematics, Social Studies, Science or World Language.)
3. Courses taken on a pass/fail basis (student aiding, elementary assistants and work study will NOT be considered in the computation of academic lettering.
4. All Advanced Placement, International Baccalaureate and concurrent classes will be considered core area courses.
5. Credit toward an academic letter must be earned in the qualifying semester. Credit and GPA may NOT be carried from one semester to the next.

DEFINITION OF TERMS

Credit: Recognition that a student has fulfilled a requirement leading to high school graduation. Lyons High School students must earn a minimum of 24.5 credits in order to graduate.

0.5 Credit: One-half credit equals one semester (18 weeks) of successfully completed coursework.

Cumulative Grade Point Average: The average obtained by dividing the total number of grade points earned in high school by the total number of credits attempted.

Current Grade Point Average: The average obtained by dividing the total of the grade points earned during the current grading period by the total number of credits attempted during the current grading period.

Valedictorian/Salutatorian: The valedictorian will be the student with the highest cumulative academic rank in the graduating class at the end of semester 1 of their senior year. The salutatorian will be the student with the second highest cumulative academic rank in the graduating class at the end of semester 1 of their senior year. The rank in class is determined by using all grades and weight adjustments as applicable. (Modified resource grades are not considered in determining valedictorian/salutatorian status.) All students with a 4.0 or higher GPA will be recognized.

Schedule Changes/Withdrawal From Course

Please note the following policy for schedule change: Student must complete schedule change form.

*Schedule changes without penalty will be made within the first 2 WEEKS of the semester (this includes changing, adding or withdraw from courses). After that date, students cannot add courses to their schedule.

*Students may withdraw from a class within the first 4 WEEKS of a semester without penalty. An F will appear on the student’s transcript if he/she withdraws from a class after the 4 WEEK deadline. (teacher approval is required for a student to withdraw from a core course)
## Sample FOUR YEAR PLAN

### Sample Freshmen Year: Semester 1
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Algebra I</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Financial Literacy</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>English 9</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Foreign Language</td>
<td>8</td>
</tr>
</tbody>
</table>

### Sample Freshmen Year: Semester 2
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Algebra I</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Health</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>English 9</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Foreign Language</td>
<td>8</td>
</tr>
</tbody>
</table>

### Sample Sophomore Year: Semester 1
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>US History</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Foreign Language 2</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>Earth Systems</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Art or Tech or PE</td>
<td>8</td>
</tr>
</tbody>
</table>

### Sample Sophomore Year: Semester 2
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>US History</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Foreign Language 2</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>Earth Systems</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>PE</td>
<td>8</td>
</tr>
</tbody>
</table>

### Sample Junior Year: Semester 1
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PE</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>English 11</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>Algebra 2</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Band or Choir</td>
<td>8</td>
</tr>
</tbody>
</table>

### Sample Junior Year: Semester 2
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tech or Art or PE</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>English 11</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>Algebra 2</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Band or Choir</td>
<td>8</td>
</tr>
</tbody>
</table>

### Sample Senior Year: Semester 1
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AP Biology</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Foreign Language 4</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>AP Government</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Trigonometry</td>
<td>8</td>
</tr>
</tbody>
</table>

### Sample Senior Year: Semester 2
You are not requesting a certain period, just classes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AP Biology</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Foreign Language 4</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>AP Government</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Pre-Calculus</td>
<td>8</td>
</tr>
</tbody>
</table>
### FOUR YEAR PLAN

#### Freshmen Year: Semester 1
You are not requesting a certain period, just classes.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Freshmen Year: Semester 2
You are not requesting a certain period, just classes.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore Year: Semester 1
You are not requesting a certain period, just classes.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore Year: Semester 2
You are not requesting a certain period, just classes.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Junior Year: Semester 1
You are not requesting a certain period, just classes.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Junior Year: Semester 2
You are not requesting a certain period, just classes.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Sample Senior Year: Semester 1

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Sample Senior Year: Semester 2

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
How to get the information you need from Course Descriptions

The example below shows you what each part of a course description tells you. Refer to this as you make selections. Entering the **CORRECT** information on your registration form allows us to schedule you correctly.

**English 10 Honors** grade 10  
**fall/spring**

**prerequisite** English 9 (Requires teacher recommendation)

Summer reading is a mandatory part of this class. The course covers the strands of English (Oral Communication, Writing, Reading Comprehension, Literature, Research and Information management) with an intensity that the standard English 10 does not offer. Students will be expected to cover more material, experience and react to each unit with the depth and detail that are required in an advanced course.

Course Weighting:

* denotes an AP class which is awarded a 5.0 weighting (ie. A = 5.0, B = 4.0, C = 3.0, D = 2.0)

** denotes an Honors class which is awarded a 4.5 weighting (ie. A = 4.5, B = 3.5, C = 2.5, D = 1.5)

□ denotes a CP class which is weighted regular 4.0 weighting (ie. A – 4.0, B – 3.0, C – 2.0, D – 1.0) for 11th & 12th Graders taking chemistry as opposed to honors chemistry.
Math Department

9th Grade

Algebra I

10th Grade

Geometry
(see prerequisite)

Intermediate Algebra
(see prerequisite)

Algebra II
(see prerequisite)

11th Grade

Intermediate Algebra
(see prerequisite)

Algebra II
(see prerequisite)

Pre Calculus w/ Trig
(see prerequisite)

12th Grade

Algebra II
(see prerequisite)

Pre Calculus w/ Trig
(see prerequisite)

AP Calculus
(see prerequisite)

Algebra I  grades 9 - 12  fall/spring
Algebra focuses on four critical areas: (1) mastering the solution of linear equations and applying related solution techniques to systems of equations and inequalities, finding and interpreting their solutions; (2) interpreting functions given graphically, numerically, symbolically, and verbally, translating between representations; comparing and contrasting linear and exponential functions; (3) using graphical representations and knowledge of the context to make judgments about the appropriateness of linear models using regression techniques; using theoretical probabilities to describe events of change; and (4) comparing the key characteristics of quadratic functions to those of linear and exponential functions. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st century skills and postsecondary and workforce readiness competencies.

Geometry  grades 9 - 12  fall/spring
Prerequisite: Algebra I (incoming 9th grade – pass final exam by score 80% on district algebra test)
Geometry focuses on five critical areas: (1) using coordinate geometry to connect geometric and algebraic relationships to develop concepts of proof; (2) applying the definition of congruence in terms of rigid transformations (translations, reflections, and rotations) and applying congruence shortcuts for triangles to prove properties of triangles and quadrilaterals; (3) proving properties of circles and using area and volume formulas in problem-solving situations; (4) applying the Pythagorean Theorem, right-triangle trigonometry, and properties of similar triangles to calculate indirect measurements; and (5) using conditional probabilities to explore events of chance. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st century skills and postsecondary and workforce readiness competencies.

Intermediate Algebra  grades 10 – 12  fall/spring
Prerequisite: Algebra I & Geometry (teacher recommendation)
This course is a bridge between Algebra I/Geometry and Algebra II. Students will extend their learning through real world applications of algebraic, geometric, and statistical concepts. This course will include an in depth study of families of functions (linear, exponential, quadratic, radical, and rational), measures of central tendency, standard deviation, probability, combinations, permutations, geometric transformations, and right triangle trigonometry.
Algebra II  grades 10 - 12  fall/spring

**Prerequisite:** Algebra I & Geometry with a grade of C- or better

This course is designed for students who desire to continue in the college preparatory sequence. Its intent is to build on the skills learned in algebra I. The course includes solution of equations and inequalities, functions and relations, linear and quadratic systems of open sentences, polynomial functions, complex numbers, logarithms, factorials, matrixes and problem solving. Students will be expected to complete all assignments and perform satisfactorily on examinations.

Pre-Calculus with Trigonometry  grades 11 - 12  fall/spring

**Prerequisite:** Geometry & Algebra II with a grade of C- or better

This course is a continuation of advanced topics in algebra and introduction to trigonometry. The course is meant for high-ability math student interested in furthering their math education to a higher level and is a pre-requisite for AP Calculus. Topics include families of functions and their graphs, trigonometric functions and graphs, trigonometric equations and identities, applications of trigonometry, parametric equations, conics, polar coordinates and equations, and matrices. Students will need a graphing calculator for this course.

*Advanced Placement Calculus AB  grade 12  fall/spring

**Prerequisite:** Pre-Calculus with Trigonometry with a grade of B- or better (teacher recommendation)

This course covers topics in differential and integral calculus; limits, average and instantaneous rate of change; applications of definite and open integrals; area under a curve; and volume. Students will be expected to complete all assignments and perform satisfactorily on all examinations. Students must receive a passing grade first semester to continue second semester. At the end of the school year, students may elect to take the A.P. Calculus Exam which may qualify students for one semester of college calculus credit if the test is passed.

Science Department

*9th Grade Class of 2021 who took Earth Systems in 9th will take Biology in 10th & then proceed in flow chart.

9th Grade

- Biology Honors

10th Grade

- Earth Systems
- Chemistry Honors
  (see prerequisite)

11th Grade

- CP Chemistry
  (see prerequisite)
- Environment Sci
- AP Biology
  (see prerequisite)
- CP Physics
  (see prerequisite)

12th Grade

- AP Biology
  (see prerequisite)
- CP Chemistry
- CP Physics
  (see prerequisite)
- AP Biology
  (see prerequisite)

OR

- CP Physics
  (see prerequisite)
- Earth Systems
- Environment Sci
Earth Systems grade 10 – 12 Fee: $10.00 fall/spring
This lab based course will consist of a study of the following topics: (1) Volcanoes, Earthquakes and Plate Tectonics (2) Bedrock Geology; (3) Mineral Resources; (4) Astronomy; (5) Oceans and the Hydrosphere; (6) Climate Change; and (7) Solutions; (8) Acids and Bases; (9) Gaseous Behavior; and (10) Organic Chemistry. These concepts and associated skills are aligned with the Colorado Academic Standards for Earth Systems Science, incorporating 21st century skills and postsecondary and workforce readiness competencies.

**Honors Biology grade 9 Fee: $10.00 fall/spring
Prerequisite: Teacher recommendation from 8th grade science teacher for freshman year
This lab based advanced course is for students who enjoy the natural sciences and are definitely college-bound. While the curriculum includes standard biological concepts, they are taught in a more advanced depth and a challenging level of understanding. Students in this class should be ready to exhibit a high level of attendance and follow-through on homework that is fitting of someone seeking a post-secondary college or university degree.

Environmental Science grades 11/12 Fee: $10.00 fall/spring
This applied science course examines the critical environmental issues facing the 21st Century, including pollution problems, overpopulation, depletion of natural resources, and global biodiversity decline. The focus of this class is one developing scientifically-based solutions to these problems. In-class work requirements include homework from various environmental sources, quizzes on class discussions, and reports on ecological problems. Additionally, significant time is spent conducting lab investigations inside and outside the classroom on field trips and projects related to environmental issues.

**Honors Chemistry (grade 10)/CP Chemistry (grades 11/12) Fee: $10.00 fall/spring
Prerequisite: Algebra I and completion of/or enrollment in Geometry (Teacher recommendation)
This course is designed for students who have an interest in science, especially the Physical Sciences. The course covers general areas of atomic structure, chemical bonding, chemical reaction and their equations, acids and bases, gas laws, reaction rates, and equilibrium. The course includes laboratory experiments, scientific processes and practical application of chemistry. Students will be expected to complete all assignments and participate in a positive manner.

*AP Biology grade 11/12 Fee: $10.00 fall/spring
Prerequisite: Algebra I, Geometry, Biology, and Chemistry with a grade of B or better and completion of/or enrollment in Algebra II (Teacher recommendation)
AP Biology is designed to be the equivalent of a college introductory biology course. Students in AP Biology will cover topics and concepts in three main areas of molecular and cell biology, heredity and evolution, organisms and populations. Students will develop an understanding of concepts rather than memorizing terms and technical details. Essential to the conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology and application of biological knowledge and critical thinking to environmental and social concerns. At the completion of the course, students will take the AP exam administered in the spring. Some students, as college freshmen, are permitted to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite.

CP Physics grades 11/12 Fee: $10.00 fall/spring
Prerequisite: Algebra I, Geometry, Algebra II, and completion of/or enrollment in Pre-Calculus
This course is designed to give students a firm basis for understanding the physical world around them. We will cover motion, forces, gravity, atoms, thermodynamics, electricity, magnetism, sound, waves, and relativity. Students will be expected to complete all assignments and participate in a positive manner in classroom activities and investigations. The mathematics used in this course will include algebra, geometry, and basic trigonometry.
Science Department Elective Courses

**Marine Bio**  grade 9 – 12  (1 semester only = .5 credit)

Elective credit only. This is an elective course that will build on concepts learned in biology and chemistry. It will focus specifically on human anatomy and physiology. Emphasis will also be placed on healthcare and veterinary careers. Through lecture, labs, and activities, students will learn how the structures (anatomy) of the human body fit their function (physiology) to maintain homeostasis of the organism and continue the species.

---

English Department

---

**Grade Level Required Courses**

**English 9**  grade 9  fall/spring

In Grade 9, instructional time should focus on four critical areas: (1) Oral Expression and Listening which requires effective preparation strategies and listening critically to comprehend a speaker's message; (2) Reading for All Purposes which requires analyzing and comparing increasingly complex literary elements in traditional and contemporary works of literature and informational texts; (3) Writing and Composition of literary, narrative, informational and persuasive texts using proper grammar, usage, and mechanics; (4) Research and Reasoning which requires collecting, evaluating, and analyzing a variety of informational materials for accuracy, relevance, and effectiveness. Students will also use effective problem-solving strategies that require high-quality reasoning. These concepts and associated skills are aligned with the Colorado Academic Standards for Language Arts, incorporating 21st century skills and postsecondary and workforce readiness competencies.
**English 9 Honors**  grade 9  fall/spring

Prerequisite: (Teacher recommendation)

*Summer reading is a MANDATORY part of this class.* This course is designed for students who have demonstrated advanced ability and interest in language arts. The course includes composition, research, various literary genres, oral communication, grammar and vocabulary addressed at an intensity that the standard English 9 course does not offer. Students will be expected to cover more material, experience and react to each unit with the depth and detail that are required in an advanced course.

---

**English 10**  grade 10  fall/spring

In Grade 10, instructional time should focus on four critical areas: (1) carefully gathering and organizing information influences on audience; active listening is critical to operating in groups; (2) reading in order to develop new ideas; to understand literacy, persuasive and informational texts; and to determine literary and historical influences; (3) engaging an audience through stylistic devices, organizational patterns and effective revision/editing; (4) using valid and accurate research to answer questions, propose solutions, or share findings while employing reasoning skills. These concepts and associated skills are aligned with the Colorado Academic Standards for language arts, incorporating 21st century skills and postsecondary and workforce readiness competencies.

---

**English 10 Honors**  grade 10  fall/spring

Prerequisite: English 9 (Teacher recommendation)

*Summer reading is a MANDATORY part of this class.* The course covers the strands of English (Oral Communication, Writing, Reading Comprehension, Literature, Research and Information management) with an intensity that the standard English 10 does not offer. Students will be expected to cover more material, experience and react to each unit with the depth and detail that are required in an advanced course.

---

**English 11**  grade 11  fall/spring

In Grade 11, instructional time should focus on four critical areas: (1) Evaluating oral communication; (2) Critical, close reading in a variety of American literary and informational texts; (3) Developing a personal style of writing through revision and refinement; and (4) Pursuing self-designed research tasks. These concepts and associated skills are aligned with the Colorado Academic Standards for language arts, incorporating 21st century skills and postsecondary and workforce readiness competencies.

---

**English Department Elective Courses**

*Advanced Placement (AP) Literature*  grade 11/12  fall/spring

Prerequisite: (Teacher recommendation)

*Summer reading is a MANDATORY part of this class.* Advanced Placement Literature provides a challenging environment for the advanced student to excel in writing, in the study of literature, and in the application of critical thinking skills with in-depth analysis and mature discussion of great works and ideas. Students will be expected to read the material outside of class, to participate actively in class discussions, to complete daily assignments or overnight responses, to take examinations, to complete college-type papers, and to do some independent work. **Students will qualify to sit for the English AP examination and possible college credit.**

---

**College English**  grade 12  fall/spring

Prerequisite: (Teacher recommendation)

This course is designed for college-bound seniors who desire an intense literature and writing class as a preparatory program for freshman English in college, but who do not feel ready to meet the academic demands of AP English. Only highly motivated seniors who have achieved average or above average proficiency in literary analysis and composition during their junior year should enroll. Students will study significant literary works by American and British authors as well as authors from other countries. Writing improvement, research techniques and vocabulary development will also be important aspects of the class. Students will be expected to complete reading and writing assignments and contribute to classroom activities.
Mystery Literature  grades 11-12
This course offers an overview of the mystery suspense genre and includes reading and viewing associated literature and film. Focus is on themes and ideas that help define mystery and suspense as a genre. Grades reflect oral and written assignments, attendance and participation, and behavior.

Creative Writing  grades 12
This course offers juniors and seniors the opportunity to develop and refine their writing skills in a variety of literary genres including poetry, fiction, drama and creative nonfiction. The course focuses on having students construct meaning and explore ideas through their own writing and the writing of others. Some writing assignments include narrative, description, poetry, and advertisements. Students will be expected to write an extended project of his/her choice and each student will compile a portfolio of the semester’s work.

Social Studies Department

* AP US Hist & AP US Gov will rotate years.

World Geography/World History  grade 9  fall/spring
World Studies focuses on these eight critical areas: (1) review ancient cultures and civilizations; (2) comparing and contrasting World Religions; (3) examining Europe and the acquisition of global power; (4) investigating Latin America and how resistance to European power led to revolutions; (5) analyzing economic and political systems in Western Europe and Eurasia; (6) evaluating the effects of Imperialism, poverty and conflict in Africa; (7) the Middle East peace process and the global impacts of petroleum; (8) examining globalization challenges faced in Asia as well as the response to natural hazards. Through each of these units, students will learn about nations and their people through geography, environment, culture, history, and politics. These concepts and associated skills are aligned with the Colorado Academic Standards for social studies, incorporating 21st century skills and postsecondary and workforce readiness competencies.

US History  grade 10/11  fall/spring
World Studies focuses on these eight critical areas: (1) review ancient cultures and civilizations; (2) comparing and contrasting World Religions; (3) examining Europe and the acquisition of global power; (4) investigating Latin America and how resistance to European power led to revolutions; (5) analyzing economic and political systems in Western Europe and Eurasia; (6) evaluating the effects of Imperialism, poverty and conflict in Africa; (7) the Middle East peace process and the global impacts of petroleum; (8) examining globalization challenges faced in Asia as well as the response to natural hazards. Through each of these units, students will learn about nations and their people through geography, environment, culture, history, and politics. These concepts and associated skills are aligned with the Colorado Academic Standards for social studies, incorporating 21st century skills and postsecondary and workforce readiness competencies.

US Government/Colorado Government  grade 10/11  fall/spring
In U.S. Government, instructional time should focus on four critical areas: (designing, analyzing and applying a financial plan based on short- and long-term financial goals; (2) analyzing strategic spending, saving, and investment options to achieve the objectives of diversification, liquidity, income, and growth (PFL); (3) researching, formulating positions, and engaging in appropriate civic participation to address local, state, or national issues or policies; and (4) describing purposes, origins, structures and limitations of government and (5) analyzing how public policy--domestic and foreign--is developed at all levels. These concepts and associated skills are aligned with the Colorado Academic Standards for social studies, incorporating 21st century skills and postsecondary and workforce readiness competencies.
*AP US Government  grade 10/11    fall/spring

**Prerequisite:** (Teacher recommendation)

*Some introductory reading will be expected over summer.* AP Government is intended to offer an extension of the existing Social Studies offerings. The primary focus of the curriculum is the structure and function of the US Government although foreign and local governments will be analyzed as well. This should be seen as a college-level course (rather than college-prep) and has the obvious goal of preparing students for the AP exam in May. Although class discussion, debates, and simulations will make up a large part of the course experience, assessments will also include essay questions and multiple choice tests over each unit.

**Social Studies Department Elective Courses**

**Sociology**  grade 9 – 12

*Elective credit only.* This course explains the behavior, role and grouping of people in various societies. The scope of study ranges from fundamental principles of sociology to problems of a mass society. Selected topics for analysis include but are not limited to culture, social structure, social institutions, socialization, social problems, continuity, and change. Students will be exposed to a variety of individual and group projects that examine groups as well as societal conflicts.

**Cultural Studies**  grade 9 – 12

*Elective credit only.* Cultural Studies is the study of various cultures around the world. This will include the study of religion, traditions, history, and food. This class will also focus on current events around the world and how culture impacts what people do and how they do them.

**Contemporary Global Issues**  grade 9 – 12

*Elective credit only.* Cultural Studies is the study of various cultures around the world. This will include the study of religion, traditions, history, and food. This class will also focus on current events around the world and how culture impacts what people do and how they do them.

**Required Electives**

**Health**  grade 9    fall or spring

This required course is designed to provide essential learning in the areas of health. The expectation is that the coursework will help in making informed decisions in regard to behaviors which affect various aspects of health and well-being. The major unit topics to be covered include Physical and Mental Wellness, Understanding Sexuality (as outlined by the Board of Education Policy), Destructive Behaviors and Addictions, and Safety and Well-Being.

**Personal Financial Literacy**  grade 9    fall or spring

Personal Financial Literacy focuses on four critical areas: (1) designing and analyzing financial plans for short and long-term goals; (2) analyzing spending, saving, and investment options; (3) analyzing the components of credit and debt; and (4) identifying, developing, and evaluating risk-management strategies. The course emphasizes the analytical and evaluation skills to become “fiscally fit.” These concepts and associated skills are aligned with the Colorado Academic Standards for Social Studies, incorporating 21st century skills and postsecondary and workforce readiness competencies.
Fine Arts Department

Art

**Beginning Drawing**  grades 9 – 12  $25 supply fee

This class focuses on realistic drawings with understanding of the mechanics of light, shadow, and proportion. This approach allows beginning students to develop technical and compositional skills to make drastic improvements in their drawing abilities and more experienced artist to refine their skills. Drawing projects are taught through various techniques such as right brain drawing, grid drawing, value gradients, portrait art, and still life. Mediums covered may include graphite, charcoal, pen and ink, color pencil. This course can be taken more than once.

**Beginning Painting**  grades 9 – 12  $25 supply fee

Students will explore basic painting techniques including color theory, color wheel, value scales, use of brushes, preparing canvas, paint application, teacher-directed painting, and additional projects. Several paintings will be completed over the semester.

**Digital Photo**  grades 9 – 12  $25 supply fee

Students will not only learn how to take outstanding photographs, but also learn to edit and manipulate photos with Photoshop. A 35mm digital camera is required for this class. The reading for this course is often technical, therefore better than average reading skills are recommended. Students will be held responsible to complete their work by the deadlines without instructor supervision. This course can be taken more than once.

Instrumental Music

**Concert Band**  grades 9 – 12  fall/spring

This course is designed for students who have attained a minimum level of proficiency on a band instrument as determined by the director. Its intent is to develop performance skills through concert band, pep band, and marching band so that students may in turn develop a higher appreciation for instrumental music. This course is also intended to enhance students’ character traits, with emphasis placed on personal responsibility and teamwork. Students are required to participate in all scheduled performances in and out of school, such as concerts, pep band performances, parades, and contests.

**Jazz Band**  grades 10 - 12  fall/spring

Prerequisites: membership in concert band, jazz band audition required (Teacher recommendation)

This course is open to all students who have experience on jazz or blues related instruments, and membership is limited to the instrumentation of standard jazz big-band. This course emphasizes the development of rhythmic and counting skills as well as understanding of music/jazz theory. Students will learn how to improvise, a skill unique to jazz performance. Members of Jazz Band will be expected to practice regularly at home, as the Jazz Band is considered one of the elite ensembles of the music program.

Vocal Music

**Mixed Choir**  grades 9 - 12  $10 dry cleaning fee  fall/spring

Concert choir is a mixed men’s and women’s choral ensemble that teaches and promotes vocal music through rehearsal and performance, integration of music theory, listening skills, performance evaluation, and exposure to a wide variety of music also emphasized. Students are required to participate in all scheduled performances in and out of school (possible required travel). Performance outfit required. Students must enroll in both fall and spring semesters.
Select Choir  grades 9 - 12  $10 dry cleaning fee  fall/spring

**Prerequisite:** audition *(Teacher recommendation)*

Show choir integrates both singing and dancing into performance, perfecting show numbers for concerts, contests and festivals throughout the year. Students are expected to maintain a high level of quality vocal technique while performing choreography and dramatic elements. Performance outfit required. Students are required to participate in all scheduled performances in and out of school (some required travel). Students must enroll for both fall and spring semesters. This is a mixed choir with equal numbers of men and women.

**Fine Arts Misc. Electives**

**History of Rock & Roll**  grades 9 - 12

Are you ready to ROCK? This class will study one of the most influential forces of the 20th century: rock and roll music! Emphasis will be placed on understanding the social and cultural contexts of various forms of popular music. The format of the class involves powerpoint presentations, video examples, research projects, relevant movies, and lots & lots of listening to Rock and Roll music of all eras. Course content will include some adult material so students will be asked to sign a release form upon entering the class.

**Guitar**  grades 9 – 12  $25 class fee

This is a beginning/intermediate course in traditional guitar technique. Students will learn varying guitar styles including classical, blues and rock. They will learn to read and write musical notation, chord symbols and tablature. Upon completion of this class students will be able to perform three chord blues & rock progressions, simple melodies, finger picking techniques and various chord progressions to popular songs. Students will also learn about the history of guitars and its use in other cultures. Guitars are not provided; students must provide their own guitar (acoustic is preferred; electric is allowed but only without amplification) unless enrolled in the free & reduced lunch program.

**Foreign Language Department**

**Spanish I**  grades 9 – 12  fall/spring

**Prerequisite:** Enthusiasm!

**Fee:** For workbook & related materials to be determined.

This course is designed for students who desire an introduction to a second language and to a culture different than the students own culture. The intent is to expose students to the four basic language skills: listening, speaking, reading, and writing. Students will also focus on cultural understanding (comparing and contrasting Hispanic cultures with theirs). By the year end, students will be able to discuss: family life, hobbies, sports, their classes, (ordering) food and other basic events in daily life.

**Spanish II**  grades 9 – 12  fall/spring

**Prerequisite:** Spanish I, minimum cumulative grade of a C or better

**Fee:** For workbook & related materials to be determined.

For students who have completed Spanish I, this course reinforces the basic language skills and further develops the student’s ability to communicate in a second language. Using more complex patterns of communication, the student will be able to talk and write about his/her childhood, tell stories in the past, make purchases while shopping, discuss daily routines in addition to continuing to learn about cultural similarities and differences.

(*9th grade students who have completed the Middle School Spanish class successfully and passed a competency examination may be admitted to Spanish II. These students who progress to Spanish III will have the grade level restriction waived.*)
Spanish III  grades 10 - 12  fall/spring
Prerequisite: Spanish II, minimum cumulative grade of a C or better
Fee:  For workbook & related materials to be determined.
This course provides opportunities to synthesize their previous knowledge within the five strands: listening, reading, writing, speaking, and culture. The five strands are refined as the student becomes more involved in literature, art, music, and Latin American and Spanish history. Spanish is the primary language of the classroom with students communicating solely in the second language so that they can succeed in everyday situations. By the end of the year, students will be able to talk about important ideas that affect them, their society and their world. Some of the topics discussed include art, the media, ancient civilizations and their role in the community.

*AP Spanish  grade 11 – 12  fall/spring
Prerequisite: Spanish III, minimum cumulative grade of a B- or better (Teacher recommendation)
Fee:  For workbook & related materials to be determined.
A.P. Spanish is a college-level course and provides motivated students with a wide variety of opportunities to develop advanced Spanish language skills. While students are exposed to the literature, history and the culture of the Spanish-speaking world, emphasis is placed on developing proficiency in self-expression, communication and critical thinking. Students will read a variety of short stories, literary excerpts, listen to recorded stories, watch movies, participate in discussions, role play, storytelling and perform a number of writing tasks. Summer reading and/or a summer project is a mandatory part of this class. Students must receive a passing grade first semester to continue in the second semester. This course specifically prepares students for the A.P. Spanish Language Examination, given in May. Students will qualify to sit for the A.P. Spanish Language Examination and possible college credit.

Physical Education Department

Iron Works  grades 9 - 12
This is an introductory-level course designed to familiarize students with weight room procedures, safety precautions, and various lifting techniques. This course may include but is not limited to strength training/muscular endurance through the use of free- and machine-weights, polymetrics, speed training, agility development and fitness activities.

Core PE  grades 9 – 12
In High School, instructional time should focus on six critical areas: (1) Participating at a competent level in a variety of lifelong physical activities and understanding the cognitive impact of movement, (2) Applying rules, principles, problem-solving skills and concepts to traditional and nontraditional movement settings, (3) Establishing goals based on fitness assessment data as well as developing, implementing, achieving, and monitoring individual health and fitness plans, (4) Participating regularly in health-enhancing physical activities, (5) Demonstrating responsible behavior and respect for others as well as collaboration, cooperation, and leadership skills, (6) Understanding the risks and safety factors that may affect participation in physical activity and demonstrating knowledge of safety and emergency response procedures. Activities may include but are not limited to: resistance training, plyometrics, interval training, circuit training, Zumba, yoga, basketball, soccer, flag football, speedball, softball, ultimate frisbee, rugby, lacrosse tennis, badminton, speedminton, volleyball, golf, and disc golf. These concepts and associated skills are aligned with the Colorado Academic Standards for Physical Education, incorporating 21st century skills and postsecondary and workforce readiness competencies.

۞PE Waiver – Be sure to read the FULL explanation in descriptions at the beginning of this course description booklet. There are specific requirements attached to this waiver.
Technology Department

Tech 2  grades 9 – 12  $10 class fee
This course is designed for students to continue their exploration of different technologies, which they started in the Technology 1 class through computer and hands on activities. Because not all modules are available at all schools, please check with your individual school as to which of the following modules are available: Alternatives to Energy, Animation, Architecture, Communications, Digital Electronics, Digital Video Production, Environmental Tech, Graphics/Sound, Manufacturing, Material Science, Multimedia, Robotics and Automation, Transportation, and Web Page Design. This course can be taken more than once.

Intro to Computer Science  grades 9 – 12
The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.

Stage Tech  grades 9 - 12  $15 class fee
This is an entry-level class in basic backstage skills and knowledge. This class focuses on terminology, safety, basic lighting, basic sound engineering, prop and set design, and basic stage management. In order to utilize skills that students will be learning, students will be required to assist with sound and lighting for choir, band and drama productions. This will require a significant outside of classroom commitment.

Music Technology  grades 9 – 12  $15 class fee
This course is an introduction to basic music technology applications. Students will explore the history and basics of music technology and synthesizers, learn about sound mixing and using a soundboard, and learn how to compose and mix their own electronic music in Garage Band.

Miscellaneous Electives

Volunteer (Service Learning)  grades 11 - 12
Service Learning is a form of experiential education in which students engage in activities that address human and community needs together with structured opportunities intentionally designed to promote student learning and development. Students must show proof of a volunteering position through a signed contract with the supervisor and maintaining a weekly work log. Students should plan on volunteering an average of four (4) hours per week or sixty (60) hours per semester.

Yearbook  grades 10 - 12  fall/spring
Prerequisite: (Teacher recommendation)
This course is designed for students who have a sensitivity to effective communication through both visual and verbal creativity, and who, therefore, have a desire to serve on the yearbook staff. Its intent is to give students the experience of planning, financing, and publishing a yearbook. The course includes all aspects of yearbook publication, such as selling advertisements, writing copy, photographing, designing, and page layout using computer technology. Students are expected to participate in all phases of yearbook production and to contribute in a positive manner to the group effort.
**Living on You Own**  grades 9 - 12
This course is designed for the student who would like to develop survival skills necessary for living on his/her own. Learning experiences include opportunities in finding careers, personal finances, budgeting, credit, banking, and investing. Other topics include rental housing and living environments, how to purchase and maintain a car, care for clothing and making wise food choices. Once a student takes this course they are better prepared to “move out” and make it on their own.

**Teacher/Office Aiding**  grades 9 - 12
Assisting teachers for an hour per day is always an alternative way for students to earn credit. Student aides receive .25 credit per semester due to the fact that aiding is not as rigorous as a regular academic class.

**Work Study**  grade 12
**Prerequisite**: Parental, work supervisor, and counselor approval
Earn credit while you work. To be eligible, students must be seniors (any exception requires principal approval). Students are required to sign a contract stating they work at least 20 hours per week per semester, and that they will turn in quarterly evaluations from their employer in a timely manner in order to receive credit.

Note: The following pages present information about ways to extend learning; read on...

**Other Opportunities**
Each option has specific requirements & time lines...
Concurrent Enrollment - College & High School Credit

Concurrent Enrollment Options

Sophomores, Juniors & Seniors (CSU at Lyons HS): Fall – Humans & Other Animals; Spring – Music Appreciation &/OR Communications & Pop Culture (class may be cancelled due to lack of interest)

Students with a **GPA of at least 3.5** interested in concurrent online classes with CSU must attend a required meeting in March for details. Please listen for announcements. Concurrent Enrollment allows students to take college online courses with CSU and receive dual credit (college credit as assigned to the class and .5 HS credit per class).

*It is up to the student to follow through with all required steps to be eligible.*

*Cost involved.*

*Concurrent Enrollment Applications are required for each semester. (April for fall semester, November for spring semester)*

*Students must meet all deadlines at the district and college level; complete application.*

*Qualifying students may take up to two classes per semester. The district will only approve courses that are not available at Lyons.*

*Although these are college level courses they are **NOT weighted**, and must be passed with a C or better.*

* Summer courses are **NOT** eligible concurrent courses for CSU.

Juniors & Seniors (at FRCC):

Students of strong academic standing interested in concurrent classes must attend March informational meeting for details. Please listen for announcements. Concurrent Enrollment allows students to take college courses at Front Range Community College in Longmont or CU in Boulder and receive dual credit (college credit as assigned to the class and .5 HS credit per class).

*FRCC – free.*

*Students will be presented with detailed information at the informational meeting, and it is up to the student to follow through.*

*Concurrent Enrollment Applications are required for each semester. (April for fall semester, November for spring semester)*

*Students must meet all deadlines at the district and college level; complete application.*

*Qualifying students may take up to two classes per semester. The district will only approve courses that are not available at Lyons.*

*Students must pay all fees outside of tuition for their FRCC classes, the district will pay for TUITION ONLY. If students don’t have a successful completion (earning a grade of “C” or better), they will be billed for the tuition payable to the school district.*

*On-line, evening & summer courses are **NOT** eligible concurrent courses for FRCC & CU.*

*Students must provide their own transportation as they will take classes at FRCC in Longmont.*

*Although these are college level courses they are **NOT weighted** (there are few exceptions ie; classes Calculus II and beyond AP level courses see counselor if you want to know if your class qualifies)*

*Due to the time frame of college courses it does not always work into a student’s schedule. Priority is given to creating a high school schedule that ensures the student meets necessary graduation requirements.*
SVVSD Credit Recovery Options*

If you need to make-up courses, please see the counselor to get options including: e-credit recovery (grades 9-12) www.ecreditrecovery.com for schedule, course options and costs or at summer school (grades 9-12). See website for core course offerings at, schedule and cost at www.stvrain.k12.co.us/academicsprograms/summerschool.

*Students must have received an “F” in a class to be eligible to take e-credit recovery or summer school course(s).

On-Line Learning Options Counselor approval is required.

Current district policy states that students may take a maximum of 2.0 credits on-line during a high school career. St. Vrain Valley has joined a consortium of several school districts in offering qualifying students the chance to take courses over the Internet. These classes require rigorous academic work and the maturity to be an independent learner. See Ms. Rominger to discuss details. Students and parents are required to pay the tuition with no reimbursement available.

BYU On-Line or Colorado On-line Learning

Currently accepted on-line credit: BYU Independent Study elearn.byu.edu (or get a catalog from the counselor) OR Colorado On-Line Learning www.col.k12.co.us