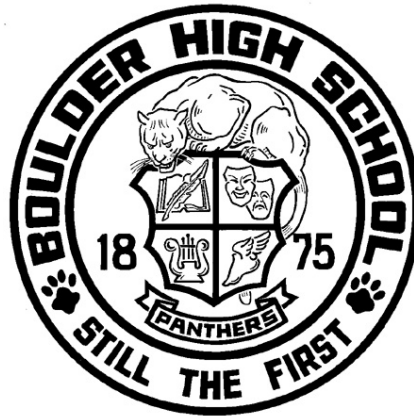


2013-2014

BOULDER HIGH SCHOOL

Course Description Booklet



Administrators

Kevin Braney, Principal
Scott Cawlfeld, Assistant Principal
Katheryn Keyes, Assistant Principal
Dan Ryan, Administrative Intern
Francis Schneeweiss, Assistant Principal
Melissa Warfield, Assistant Principal & Athletic Director

Counselors

Joanna Berman
Andrew Bloom
Marc Goulet
Julie Malkinson
Claire Sandford
Victoria Valencia

Boulder High School is an equal opportunity educational institution and will not discriminate on the basis of color, disability, national origin, race, religion, sex, and/or sexual orientation in its activities, programs, or employment practices as required by Title VI, Title IX, and Section 504. For information regarding civil rights or grievance procedures, contact Assistant Principal for Student Services, Boulder High School, 1604 Arapahoe Avenue, Boulder, Colorado 80302, (720) 561-5301, or the Office for Civil Rights, U.S. Department of Education, Region VIII, Federal Office Building, 1244 North Speer Blvd., Suite 310, Denver, Colorado 80204, (303) 844-2991.

TABLE OF CONTENTS

Graduation Requirements	3
Grade Point Average	4
College Preparation	5
Course Selection	7
NCAA Approved Courses	8
Alternative Programs	9
Advanced Placement Focus Program	10
Freshmen Only	12
Art (Fine Arts Credit)	15
Business (Practical Experience Credit)	18
Computer Science (Practical Experience Credit)	20
Design Technology (Practical Experience Credit)	21
Diversity, Leadership, Service	22
English as a Second Language	24
Family & Consumer Science (Practical Experience Credit)	23
Health	25
Language Arts / Theatre	25
Mathematics	29
Money Management & Personal Finance	32
Music (Fine Arts Credit)	32
Physical Education	34
Science	36
Social Studies	39
Special Education Registration Information	40
World Languages	41
Career and Technical Education Center (CTEC)(Practical Experience Credit)	45
Graduation Requirements Checklist	46
Course Request form	Back Cover

GRADUATION REQUIREMENTS

Credits Required for Graduation: 220 (100 credits in grades 11-12)

REQUIRED COURSES

Language Arts	40 credits in grades 9-12	10 in Freshman Language Arts, grade 9 10 in World Literature & Composition, grade 10 10 in American Literature & Composition, grade 11 5 in Communication courses, grades 9-12 5 in Language Arts Elective courses, grades 9-12
Social Studies	30 credits in grades 9-12	5 in U.S. Government, grade 9 5 in World Geography, grade 9 10 in World History, grade 10 10 in U.S. History, grade 11
Mathematics	20 credits in grades 9-12	10 in Algebra 1 or higher, grades 9-12 10 additional Math credits, grades 10-12
Science	20 credits in grades 9-12	10 in Life Sciences, grades 9-12 10 in Physical Sciences, grades 9-12
Health		5 credits, grade 10 recommended
Physical Education	15 credits in grades 9-12	5 in Comprehensive P.E., grade 9 10 in additional P.E. courses, balanced between individual fitness and team sports, grades 9-12
Fine Arts	5 credits in grades 9-12	5 in Music or Art
Second Language	10 credits in grades 9-12	10 in World Languages Level 2 or higher (10 in approved English Language Acquisition for ELL students)
Practical Experience	5 credits in grades 9-12	Business, Computer Science, Design Technology, Family and Consumer Science, TEC
Money Management/ Personal Finance:		
	Completion of one from the following:	
	B42 Finance	H50 Living on Your Own (2 semesters)
	B52 Accounting 1	T75 AP Macroeconomics
	B60 Business Management	T77 AP Microeconomics
	OR	
	Completion of the BVSD online program by the end of the fall semester of the senior year. (Enrollment information is available in the counseling office.)	
Computer:	Completion of a one semester computer class in middle school or completion of one semester class in Computer Science, Design Technology, Finance or CTEC computer class	

**If Money Management/Personal Finance is completed online then one semester of Practical Experience must be taken at Boulder High.

ELECTIVE COURSES

70 credits beyond required courses, grades 9-12

GRADE POINT AVERAGE

The **GPA** is derived by multiplying the numerical equivalent of each grade (A=4, B=3, C=2, D=1, F=0) by the corresponding units of credit, adding the totals for all courses taken in a semester and dividing by the total number of credits attempted.

THE WEIGHTED GPA

Certain BVSD courses, determined by school board policy, are identified as relatively difficult and are designated as weighted courses.

How does the weighted process work?

The weighted GPA is calculated using one additional quality point per letter grade in a weighted class. Only the GPA is affected; the grade itself is not changed on the report card or on the transcript. For example, a "B" in a weighted class is listed as a B; but counts for 4 points per credit instead of the 3 points per credit it would count for in an unweighted class. (The complete weighted grade scale is: A=5, B=4, C=3, D=2, F=0).

BHS WEIGHTED COURSES

AP Art History
AP Studio Art
AP Music Theory

AP Calculus AB
AP Calculus BC
Pre-Calculus Advanced I & II
Algebra 2
Advanced Geometry
AP Statistics

AP English, Language & Composition
AP English Literature & Composition
Freshman LA Advanced
World Lit. & Comp. Advanced

Any World Language, Level 4
AP French 5, Language
AP French Literature
AP German 5
AP Spanish 5, Language
AP Spanish Literature
AP Latin
AP Japanese

AP European History
AP U.S. History
AP Human Geography
AP U.S. Government & Politics
AP World History
AP Psychology
AP Macroeconomics
AP Microeconomics

AP Biology
AP Chemistry
AP Physics C
AP Environmental Science
Biology Advanced
Chemistry Advanced
Physical Science Advanced
Physics Advanced
Research Seminar in Science

AP Computer Science JAVA
C++ Computer Programming
C++ Advanced Computer Programming

GRADING SCALE

A - exceptional accomplishment
B - high accomplishment
C - average accomplishment
D - low accomplishment
F - NC, accomplishment less than needed for credit
I - Incomplete
WP - Withdraw Pass; on transcript, not included in GPA
WF - Withdraw Fail; on transcript, not included in GPA

ACADEMIC SANCTIONS

Students and parents should carefully review this policy in the Student and Parent Handbook

GPA Computation Examples

Unweighted Courses

	Attempted	Points
A = 4 x	5	= 20
B = 3 x	5	= 15
C = 2 x	5	= 10
D = 1 x	5	= 5
F = 0 x	5	= 0
	25	50

50/25 = 2.00 unweighted GPA

Weighted Courses

	Attempted	Points
A = 5 x	5	= 25
B = 4 x	5	= 20
C = 3 x	5	= 15
D = 2 x	5	= 10
F = 0 x	5	= 0
	25	70

70/25 = 2.80 weighted GPA

Courses taken concurrently at C.U. must be at the 3000-4000 level in order to receive a weighted grade, unless approved otherwise in advance.

COLLEGE PREPARATION

ROLE OF THE COUNSELOR

Counselors meet with freshmen, sophomores and juniors in groups with seniors individually to assist in planning high school curriculum and post-secondary options. Course selection is done with college entrance requirements in mind, although students intending to apply to specific selective colleges should be careful to check websites for current information on requirements. The junior credit check will be completed in the spring of junior year. Senior credit checks should be completed by November 1 of the senior year. Students are responsible for scheduling their senior meeting. We are happy to schedule these at a time where parents and students can attend together.

During the senior meetings, the student's progress towards graduation is reviewed and future plans and goals are discussed. Additional post-secondary planning is available and various resources, such as Naviance, visits by college admissions representatives, college fairs and special guest speakers are offered to students. Whether a student decides to join the work force or seek additional educational training after high school graduation, it is to the student's advantage to make use of the counseling services offered at Boulder High School. Visit our website at <http://schools.bvsd.org/boulderhigh/> for current resources, calendars and contact information.

COLLEGE ADMISSION CRITERIA

Approximately 85 percent of BHS students continue their formal education immediately after graduation. Should your plans include a college education, keep in mind that college admission decisions are based on the following criteria:

1. **The high school academic record as reflected in grade point average and the kinds of courses selected.** The high school record of achievement still serves as the best predictor of academic success in college. As such, colleges view it with considerable interest. Your GPA is computed at the end of each semester and only semester grades are used in the computation. Grades earned in 9, 10, 11, and 12 are used to determine your grade point average.
2. **The quality of your record as seen in your course of study.** Colleges closely examine the quality of a student's record in competition with thousands of applications for admission. Students are advised to consider the quality of course selection, both in depth and breadth.
3. **The results of scholastic aptitude and achievement tests.** Colleges also rely on admission tests such as the American College Test (ACT) and the Scholastic Aptitude Tests (SAT and SAT Subject). Please verify the test requirements at each college/university to which you plan to apply as they vary.
4. **Personal recommendations by counselors and teachers.** Some schools place considerable weight on recommendations. Other schools do not require personal recommendations.
5. **Personal Essay.** Many applications require an essay or personal statement. This is your opportunity to distinguish yourself from hundreds of applicants with similar grades, activities and test scores. To achieve this, your entrance essay must not only demonstrate your grasp of grammar and writing ability, but also capture the essence of your personality and character. Even if the essay is optional, do not miss this chance to highlight your best qualities and achievements.
6. **Activities, both in and out of school.** Participation in activities such as clubs, student government, athletics, drama and community service is of importance in determining how well you will be able to compete for admission to the colleges you may select. The crucial point is not how many activities, but the quality of participation, including offices held and how fully one carries out one's responsibilities.
7. **For Athletes to be certified by the NCAA Clearinghouse, you must:**
 - a. Earn a grade point average of at least 2.00 (on a 4.00 scale) in core curriculum of at least 16 academic courses taken during grades 9 through 12. Only courses that satisfy the NCAA definition of core courses are acceptable. See Pg #8.
 - b. Register with the clearinghouse at <http://www.ncaaclearinghouse.net>. in your junior year.

COLLEGE PREPARATION

COLLEGE ENTRANCE REQUIREMENTS FOR COLORADO PUBLIC 4-YEAR COLLEGES & UNIVERSITIES

Academic Units for Admission to Colorado Colleges & Universities

One academic unit (AU) for admission to college equals one year or 10 credits at the high school level, grades 9-12. The academic unit breakdown for admission is as follows:

Language Arts	4 years
Math (must include Alg. 1, Geometry, Alg. 2)	4 years
Natural/Physical Science (must include 2 yrs. lab science)	3 years
Social Studies (must include 1 year U.S. or World History)	3 years
World Languages	1-3 years
Academic Electives	2 years

College entrance requirements for private colleges and universities set their own standards. Students need to contact those schools directly for specific entrance requirements.

COLLEGE ENTRANCE TESTS

Preliminary College Entrance Tests

PSAT/NMSQT: The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test is designed to give students (sophomores and juniors) experience with tests similar to those required for college admission. In addition, for juniors, results of this test are used as a competitive examination in the National Merit program. Any sophomore or junior who is college bound should take this test, which is given each year only in October.

College Entrance Tests

College Board-Scholastic Aptitude Test SAT I and SAT II subject tests: The SAT I consists of three sections: critical reading, writing and math. The test is a measure of the critical thinking skills you will need for academic success in college. The SAT assesses how well you analyze and problem solve skills you learned in school that you will need in college. SAT subject tests provide information about a student's knowledge of subject matter and are used for placement purposes by some institutions. Students should investigate college/university websites and catalogs to determine institution entrance requirements.

ACT: The American College Test measures the knowledge, understanding, and skills that you have acquired throughout your education. The major portion of the ACT battery consists of four tests: English, Math, Reading and Science, in addition to an optional writing portion. All juniors will take the ACT in April at Boulder High School. No preregistration is necessary for the test at Boulder High and the fee is paid for by the State of Colorado.

COURSE SELECTION

RULES FOR CHANGING YOUR SCHEDULE IN THE FALL

Schedule changes will not be allowed for elective courses. Please pick your classes wisely! We build our master schedule according to student course selection in the spring, so your thoughtful choice of elective(s) is required. In addition, counselors will not change electives, class periods or make teacher changes, as we strive to balance class sizes before school/second semester begins.

We appreciate your thoughtful choice of classes for next year! Please see your counselor with questions.

GUIDELINES FOR CHOOSING COURSES AT BOULDER HIGH

Freshman and sophomore students are required to take a minimum of six courses each semester. Junior and senior students are required to take five courses each semester. **A student must have administrative approval to take fewer than five courses.**

DROPPING A COURSE

Students may drop a class within the first 15 days of the semester without it showing on their official transcript. Their remaining schedules must include at least six classes each semester for 9th and 10th graders and five classes for 11th and 12th graders.

Students may drop a class after the 15th day until the 30th day or the beginning of October Count (fall semester), whichever comes first. A "Withdraw Pass" (WP) or a "Withdraw Fail" (WF) will be recorded on the official transcript.

After day 30, an F will be posted if a student drops a class. Students must have a valid reason to drop a class and they must complete the necessary form available in the counseling office. **Students must continue to attend all classes until the request has been processed and the student has been notified of any schedule changes.**

ADDING A COURSE

A new course cannot be added after the third day of the semester.

CORRESPONDENCE COURSES

As of fall of 2011, BVSD no longer accepts correspondence courses.

CLASS LEVEL CHANGE

Students may change levels in a class until the end of the 9th week of each semester as long as there is room in the new class. This level change should be teacher initiated. If a student thinks that they are in the wrong level of a class they need to have a discussion with their teacher and a decision must be made before the end of nine weeks. A student cannot change levels after this date.

NEW STUDENTS

Coursework completed outside the District will be evaluated for credit and for meeting graduation requirements. In addition, at least two semesters of attendance (a minimum of 50 credits) in a Boulder Valley High School is required to meet District Graduation Requirements for a diploma.

ATHLETIC ELIGIBILITY

To maintain athletic eligibility, students must take a minimum of 25 credits each semester. If a student fails 10 credits they are not athletically eligible.

There are additional conditions for athletic eligibility. Please contact the Athletic Director or consult the Athletic Department's web site: <http://schools.bvsvd.org/boulderhigh/programs/athletics/>

SUPPLIES & FEES

According to Colorado statute, students may be required to bring specific, necessary supplies for their own use in the classroom and to procure supplies and equipment required to carry on the musical, dramatic, athletic, and equivalent programs of the district.

Each year, the Boulder Valley School Board authorizes a list of fees for materials used in certain classrooms. Some of the fees are optional while others are deemed necessary for participation in particular classes. Notice of these fees is given in course descriptions or by the teacher within the first few days of class.

Miscellaneous fees may also be collected to cover the cost of entrance, meals, and lodging for field trips. The cost of particular requested services (such as additional copies of transcripts, AP exams, postage, directories, handbooks, newsletters, etc.) may be passed on to the student.

FEES MAY BE WAIVED FOR STUDENTS QUALIFYING FOR FREE AND REDUCED LUNCH SCHOLARSHIP. INFORMATION IS AVAILABLE IN THE MAIN OFFICE.

NCAA APPROVED COURSES OFFERED AT BHS

LANGUAGE ARTS

Acting
Acting II
American Lit. & Comp.
AP English Language & Comp.
AP English Literature & Comp
Biblical Literature/
 Old Testament
Senior Composition
Creative Writing
Discussion & Debate
Film Literature
Freshman Language Arts
Freshman Language Arts Advanced
Intro to Theatre
Mythology
Public Speaking
Semantics
World Lit. & Comp.
World Lit. & Comp. Advanced



MATHEMATICS

Algebra 1
Algebra 1 Advanced
Algebra 2
Algebra 2 Advanced
AP Statistics
AP Calculus AB
AP Calculus BC
Calculus 3

Geometry
Geometry Advanced
Pre-Calculus I
Pre-Calculus II
Pre-Calculus Advanced
Statistics

NATURAL/PHYSICAL SCIENCE

Anatomy & Physiology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics
Astronomy
Biology
Biology Advanced
Botany
Chemistry
Geology
Physical Science
Physical Science Advanced
Physics
Physics Advanced
Research Seminar

SOCIAL SCIENCE

AP European History
AP Human Geography
AP Macroeconomics
AP Microeconomics
AP Psychology
AP U.S. Government
AP U.S. History
AP World History
Psychology
Sociology
U.S. Government
U.S. History
World Geography
World History

ADDITIONAL CORE COURSES

French 1-4
French 5/AP
French Literature/AP
German 1-4
German 5/AP
Japanese 1-4
Latin 1-4
Latin/AP
Spanish 1-4
Spanish 5/AP
Spanish 310
Spanish Literature/AP

ALTERNATIVE PROGRAMS

INDEPENDENT STUDY

A student may pursue an Independent Study in various subjects not taught at Boulder High School. This individual work is counted as elective credit toward graduation. The student must find a Boulder High teacher willing to sponsor and supervise the Independent Study. A contract must be completed and approved by the sponsoring teacher and the Assistant Principal, Curriculum and Instruction, prior to the start of the study. Students may take Independent Study for pass/fail or letter grade. Independent Study contracts are available in the Counseling Office.

ONLINE LEARNING

Options exist for online learning opportunities through your counselor or www.bvsd.org/boulderuniversal.

POST-SECONDARY

ENROLLMENT OPTIONS

Colorado law (HB 1326) provides high school students in the 11th and 12th grades the opportunity to apply credit earned at post-secondary state institutions toward high school graduation credit or credit toward a degree or a certification at an institution of higher education, or both.

At least 60 days prior to anticipated enrollment, eligible students must give written notice of intent to enroll to the Superintendent's office, Boulder Valley School District. Applications are available in the Boulder High Counseling Office

The district will reimburse a portion of the tuition costs for a maximum of two courses per student per semester. Courses must be academic in nature. Students must exhaust all Boulder High course offerings in the content area at Boulder High. The law does not apply to summer school. All other tuition and course costs will be paid by the student. A student who drops a course without consent of the principal or receives an F will not be reimbursed.

SUMMER SCHOOL

Students can enroll in the Boulder Valley Summer School Program to make up course deficiencies or to enrich their learning experience. Enrollment materials are available in May on the Boulder Valley School website: www.bvsd.org.

TECHNICAL TRAINING

Career training opportunities are available to Boulder Valley high school students through con-current enrollment at the Boulder Career and Technical Education Center (CTEC). Counselors will assist students in coordinating schedules between high school and each of the two centers. Students may earn a maximum of 60 CTEC credits. Students must complete a scheduled tour and complete a CTEC application form.

Descriptions of offerings available at CTEC are available in the Counseling Office. Please check with your counselor.

TEEN PARENT PROGRAM

Located at Arapahoe Ridge High School, this program provides specific services to prenatal and parenting-teens.

NEWCOMER PATHWAYS

Located at the Arapahoe campus, this introductory instructional program is designed especially for those students who have very limited knowledge of the English language.



The Advanced Placement Focus Program

What is Advanced Placement?

The Advanced Placement (AP) Program is a cooperative educational endeavor between secondary schools and the colleges and universities. It allows high school students to take college-level academic learning in the AP courses, and gives them the opportunity to show that they have mastered the advanced material by taking AP exams. Students can receive credit, advanced placement, or both from thousands of colleges and universities that participate in the Advanced Placement Program.

The AP Program is administered by the College Board. As in other College Board programs, AP procedures are determined by representatives of member institutions (public and independent schools, colleges, and universities). AP's operational services are provided by the Educational Testing Service (ETS).

What Advanced Placement courses are offered at BHS?

Boulder High School prepares students for 29 different AP Examinations:

Mathematics

Calculus AB
Calculus BC
Statistics

Science

Biology
Chemistry
Physics C
Environmental Science

World Languages

French Language
French Literature
German Language
Spanish Language
Spanish Literature
Latin
Japanese

Social Studies

European History
Human Geography
Macroeconomics
Microeconomics
Psychology
United States Government
United States History
World History

Language Arts

English Language
English Literature

The Arts

Art History
Studio Art
Music Theory

Computer Science

Computer Science A
Computer Science AB

Is an AP diploma available?

Yes. Boulder High offers an AP diploma to students who meet diploma criteria. These students will be awarded the diploma at their graduation ceremony.

This program is intended to encourage students traditionally under-represented in AP courses to commit to a rigorous course of study for their high school years. Detailed information on the diploma, which is based on the number of courses taken, the number of AP examinations required, and junior year examination scores, is available in the Counseling Office.

How do students get college credit for AP classes?

Students in AP courses learn as much or more than students taking the same courses in college, so students who do well in AP may receive college credit. When the evidence of that achievement is a satisfactory grade on a rigorous national examination, the case for credit is even stronger. Many colleges and universities give credit to students transferring from other colleges, usually crediting courses in which students have a grade of C or better. An AP exam score of 3 or higher is better validated and probably represents a higher standard than these transfer grades. Students need to meet with their college advisor to discuss their AP credits.

The Advanced Placement Focus Program meets strict credit/placement criteria of selective colleges and universities on the basis of rigorous national examinations. The evidence of AP students' achievement is not only a teacher's grade, but also the results on a carefully designed national examination. AP exams are prepared by committees of college faculty and AP teachers, and are graded by other college and AP teachers, who ensure that the content and skills that are required reflect college-level achievement.

AP Grade Reports are sent in July to each student's home, high school, and any college(s) designated by the student. At the time of the exam, students can indicate on their answer sheet if they would like a college to receive their grade. After the exam, they can write to the AP Program and request that the grade be sent to other colleges as well. Students may also cancel or withhold a grade by contacting the AP Program by June 15 of the testing year.



Do AP teachers receive special training?

Yes. All Boulder High School AP teachers have participated extensively in AP teacher training. AP teacher professional development workshops of one day and up to three weeks are offered year-round at sites in the United States and abroad. They are organized and run by College Board offices and/or independent educational institutions and funded by a combination of participant fees and grants or donations. Each workshop focuses on an AP subject, specialized training in a particular discipline, or management of an AP course.

How are BHS students prepared for AP classes?

AP classes at Boulder High School are open to any student who meets the necessary course sequence. Some AP classes have no prerequisites, such as AP Language and Composition, AP Art History, and AP US History. Any student interested in pursuing a challenging, rigorous, college-level course while in high school can simply register for these classes. For example, students who wish to take AP Calculus must first successfully complete Pre-Calculus. Students who wish to take AP Spanish 5 must first complete Spanish 4. Most AP classes currently taught at BHS are taken by juniors and seniors who, with adequate planning, can take any AP class offered that they desire. Numerous advanced (honors) classes are available for freshmen and sophomores planning to take AP classes as juniors and seniors. These classes have weighted grades, as do all AP classes.

For more information about the Advanced Placement Program and the College Board, go to www.collegeboard.com

FRESHMAN COURSE PLANNER

Course Number	Credits	Course Name
	10	<i>(Language Arts) Freshman Language Arts</i>
	10	<i>(Math)</i>
	10	<i>(Physical Science)</i>
	10	<i>(Social Studies)</i>
P20	5	<i>(Physical Education) Comprehensive P.E.</i>
		<i>(Electives)</i>

Courses Open to Freshmen

The classes on this page are open to Freshmen. Other classes in this booklet may be open to Freshmen with instructor approval. Check with your counselor for more information

ART

- A35 Foundations in Art
 A41 Drawing & Painting 1
 A42 Drawing & Painting 2
 A55 Studio Art 1
 A56 Studio Art 2
 A61 Pottery/Sculpture 1
 A62 Pottery/Sculpture 2
 A71 Photography 1 & 2
 A85 AP Art History Weighted
 A110 Digital Art & Design 1
 A111 Digital Art & Design 2

BUSINESS ***

- B11 Word Processing 1
 B12 Word Processing 2
 B13 Desktop Publishing & Computer Graphics
 B41 Business Foundations
 B42 Finance
 B60 Business Management
 B80 Marketing
 X68 Career Internship

COMPUTER SCIENCE ***

- D77 Java Programming
 D80 Computer Science in the Modern World
 D87 Internet/Web Page Applications

DESIGN TECHNOLOGY ***

- J25 Design Technology 1 (Fall)
 J26 Design Tech. 2 (Spring)
 J31 Industrial Design CAD
 J37 Robotics in the 21st Century

ENGLISH LANGUAGE DEVELOPMENT

- LA 3 ELD 3

FAMILY & CONSUMER SCIENCE***

- FH20 Catering 1
 FH20 Catering 2
 H30 Fashion Production

LANGUAGE ARTS & THEATRE

- L08 Freshman Language Arts
 L11 Freshman Language Arts, Advanced, Weighted
 L35 Introduction to Theatre
 L46 Video & Film Production
 LE 7 Yearbook
 LE 8 Play Production
 L161 Comic & Graphic Novel Literature

MATH

- M22 Algebra 1A
 M32 Algebra 1B
 M31 Algebra 1
 M35 Algebra 1 Advanced
 M55 Algebra 2, Advanced , Weighted
 M41 Geometry
 M43 Geometry Advanced, Weighted

MUSIC **

- N33 AP Music Theory, Weighted
 N41 HS Instrumental Music, Guitar 1
 N55 Men's Choir
 N60 Concert Choir
 N62 Select Women's Choir (Aria)+
 N68 Jazz Choir (High Altitude)+
 N72 Band 2 (Concert Band)
 N73 Band 3 (Wind Ensemble)+
 N75 Jazz Band I (JazzUnlimited)+
 N76 Jazz Band II (Landmark Jazz)+
 N77 Jazz Band III (Boulder Jazz)+
 N81 Orchestra 1
 N86 Chamber Orchestra+

PHYSICAL EDUCATION

All freshmen must take P20 Comprehensive P.E. Freshmen may also take any of the following:

- P23 Fitness
 P24 Weight Training 1
 P28 Jogging (Spring Semester)
 P50 Archery
 P51 Golf
 P54 Tennis

- P62 Cycling (Spring Sem)
 P64 Challenge and Adventure
 P70 Team Sports
 P72 Soccer

SCIENCE

- S10 Physical Science
 S11 Physical Science 1
 S20 Physical Science 1, Adv Weighted
 S37 Biology, Advanced, Weighted

SOCIAL STUDIES

- T37 U.S. Government
 T87 AP U.S. Government & Politics, Weighted
 T60 World Geography
 T68 AP Human Geography, Weighted

WORLD LANGUAGES

- F11 French 1
 F12 French 2
 F31 German 1
 F32 German 2
 F49 Integrated Latin 1
 F51 Latin 1
 F52 Latin 2
 F56 Japanese 1
 F57 Japanese 2
 F71 Spanish 1
 F72 Spanish 2

OTHER ELECTIVES

- X51 Avid 9
 (Teacher Rec. & Interview)
 X100 Adelante
 (Nomination)
 X19 Advisory Program
 (Nomination)

+ Audition Required for Placement

**** Courses satisfying Fine Arts credit requirements.**

***** Courses satisfying Practical Experience credit requirements.**

PROGRAMS OF STUDY

ART

To meet BVSD graduation requirements, students need 5 credits in either visual arts or music. We encourage students to take many visual arts courses to become a well rounded creative thinker.

The art program is designed to develop an understanding and appreciation of artistic judgment. We seek to give students a feeling of personal satisfaction through the creative process and help them develop individual skills in the various areas of art.

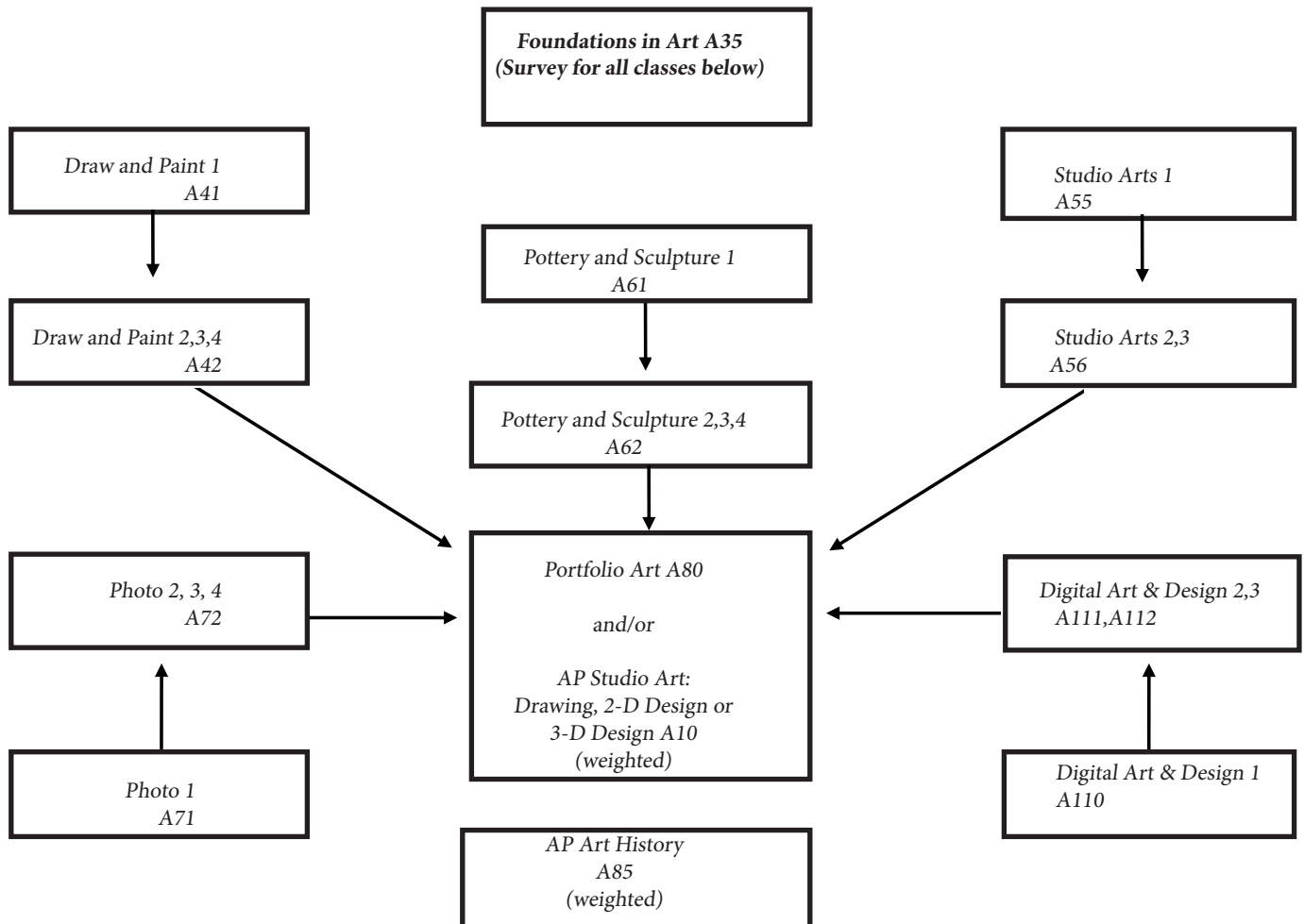
Artistically talented 9th graders wishing to take Drawing/ Painting 1 or Studio Art 1 must be confident drawing and shading realistically.

Materials needed for the art classes must be provided by students. If they wish to purchase necessary supplies from the art department, they may do so by purchasing ART CARDS. Art cards are available through the art department. Students are encouraged to purchase needed supplies using this system as they are considerably less expensive than outside sources. In all art courses students develop a portfolio of work which they retain. Because of the number of supplies needed in the Foundations in Art and Pottery classes, students pay a flat fee to cover the use of all materials.

Scholarships are available for all art classes.

**Attention Prospective
College Art Majors**
California colleges require art sequence classes for admittance. The following are "sequences":

A41/A42 Drawing & Painting 1&2
A55/A56 Studio Art 1 & 2
A71/A72 Photography 1 & 2
A61 & A62 Pottery & Sculpture 1 & 2
A110/A111 Digital Art and Design 1 & 2



A35 FOUNDATIONS IN ART

Level	9-12
Course Length:	1 semester, 5 credits
Prerequisites:	None
Fee:	Required

Students can expect a wide variety of two dimensional and three dimensional experiences in the survey course. Students will be encouraged to think creatively as they develop ideas for their various assignments and discover their personal preference for creating two or three dimensional art. The elements and principles will be stressed and art history will be an informal component. Some media possibilities could be pencil, tempera, watercolor, clay, paper mache, tooling metal, scratchboard, mixed media and others.

A41 DRAWING & PAINTING 1

Level	9-12
Course Length:	1 semester, 5 credits
Prerequisites:	None
Fee:	Required

Students can expect to gain a strong foundation in drawing and painting in this beginning level class. Composition, the visual element, the principles of design, and the basic techniques and concepts of both drawing and painting will be covered. The end goals are to increase artistic self confidence, increase one's understanding of the basics of drawing/painting and to produce successful works.

A42 DRAWING & PAINTING 2

Level	9-12
Course Length:	1 semester, 5 credits
Prerequisites:	A41 Drawing & Painting 1 or A35 Foundations in Art recommended. Basic drawing skills necessary.
Fee:	Required

This second level course builds upon the experiences of Drawing and Painting 1. Students who choose to take this course should be confident with their drawing skills and ready to produce more complex finished drawings and paintings. An emphasis will be on the development of a more personal style, sophisticated approaches to the development of ideas, development of a greater awareness to art beyond school, and the introduction of new techniques.

A43 DRAWING & PAINTING 3

Level	10-12
Course Length:	1 semester, 5 credits
Prerequisites:	A41 and A42 Drawing & Painting 1& 2.
	<i>Other art courses also recommended prior to taking this course.</i>
Fee:	Required

This third level class builds upon the drawing and painting experiences of level 2. The class will provide opportunities to expand drawing, painting and related skills; to develop a personal style; to develop creative ideas; to expand one's awareness to art beyond school, and to provide instruction based on a student's particular art or career goals when desired. Proficiency in basic skills expected.

A44 DRAWING & PAINTING 4

Level:	10-12
Course Length:	1 semester, 5 credits
Prerequisites:	A41, A42, A43 Drawing & Painting 1,2 & 3.

Other art courses also recommended prior to taking this course.
Fee: Required

This fourth level advanced course gives students an additional opportunity to produce drawings, paintings, and related works for a portfolio. The class will provide opportunities to expand drawing, painting and related skills; to develop a personal style; to develop creative ideas; to expand one's awareness to art beyond school, and to provide instruction based on a student's particular art or career goals when desired. Proficiency in basic skills expected.

A55 STUDIO ART 1

Level	9-12
Length:	1 semester, 5 credits
Prerequisites:	None
Fee:	Required

This is a basic course designed to expose students to commercial/studio art techniques and thinking processes. Design will be stressed with a variety of materials and techniques utilized to produce finished works of art for commercial purposes. Students will become knowledgeable producers and consumers of visual art. Students may be instructed in commercial design, graphic design, and other two dimensional art experiences. Students may be instructed in basic design principles, drawing, lettering, painting, airbrush, mixed media and others.

A56 STUDIO ART 2

Level	9-12
Course Length:	1 semester, 5 credits
Prerequisites:	A55 Studio Art 1
Fee:	Required

This is a second level course designed to give students time to expand their skills and increase their confidence in the area of commercial/studio art. Proficiency of basic skills is expected and more advanced assignments will be given. Students may be directed individually or as a class group.

A57 STUDIO ART 3

Level	10-12
Course Length:	1 semester, 5 credits
Prerequisites:	A55 and A56 Studio Art 1 & 2
Fee:	Required

This third level course is designed to give students time to expand their skills and increase their confidence in the area of commercial/studio art. Proficiency of basic skills is expected and more advanced assignments will be given. Students may be directed individually with the student's particular art interest or career goals in mind or as a class group. Students may be expected to set their own goals and deadlines.

A80 PORTFOLIO ART

Level: 10-12
 Course Length: 1 – 4 semesters, 5 credits per semester
 Prerequisites: Highly successful completion of 2 levels of any art course, or Nomination
 Fee: None

This course is imperative for the student who is preparing a portfolio of art for entrance into college or art school. Guidance and instruction on portfolio building will be given with the individual's goals in mind. Students will be expected to initiate and carry out ideas on a more independent basis, and they will choose their own materials. This course may be taken for up to six semesters, not necessarily sequential, for credit.

A85 AP ART HISTORY (WEIGHT-ED)

Level: 9-12
 Course Length: 2 semester sequence, 5 credits per semester
 Prerequisites: None
 Fee: Required

AP Art History is a college-level course that covers art history from man's beginnings up until present day, primarily taught in chronological order, covering both Western and non-Western art. Throughout the course of study the historical and cultural connections of painting, sculpture, architecture and other mediums will be addressed. In addition to studying works of art and the artists who created them, students will be examining the historical context of the work. Instruction will use power point, slides, writing, and field trips. Students are encouraged to take the advanced placement exam at the end of the course to possibly receive college credit. This class fulfills the Fine Arts requirement.

A10 AP STUDIO ART: DRAWING, 2-D DESIGN, or 3-D DESIGN (Weighted)

Level: 11-12
 Course Length: 2 semester sequence, 5 credits per semester, Can be taken multiple times
 Prerequisites: Highly successful completion of 2 levels of any art course.
 Fee: Required

This is a year long college-level course that focuses on producing a large number of quality works that demonstrate mastery of fundamental artistic concepts, which provide an intensive study of the process of creating artwork using both traditional, fine, and digital art media. Every aspect of the class will require students to respond at a higher level of responsibility, artistic expression, and sophistication than other art courses. Students enrolled in this course understand that their artwork will demonstrate a sense of relevance based upon individual voice, technique and ideation.

Students will choose to focus on producing works in Drawing, 2-D Design, Photography, or 3-D Design for their submissions.

In their works, students will investigate all three components of the AP Portfolio: Quality, Concentration, and Breadth. Projects will be structured around the elements of art and principles of design. In these projects, students will need to use their knowledge of technique and materials to communicate through their art. Students will be encouraged to use critical thinking skills, while also developing their own voices as visual artists. Through this process, students will develop mastery in concept, composition, and execution of their personal artistic vision. This fast paced course requires the student to be highly motivated and interested in the serious study of art, which may lead to college credit. Motivation, imagination and commitment are required to succeed in the course.

A110 DIGITAL ART AND DESIGN 1

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Required

This introductory course deals with controlling computer technology to produce an artistic image. Students will learn computer illustration techniques, image manipulation, digital camera use, graphic design, visual literacy, and principles and elements of art in composition. Some artistic movements such as Pop Art and Surrealism will also be studied as they relate to student projects.

A111 DIGITAL ART AND DESIGN 2

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A110
 Fee: Required

This course extends the fundamental concepts and skills of Digital Art and Design 1 of using computer technology to produce an artistic image. Students further advance their computer illustration techniques, image manipulation, digital camera use, graphic design knowledge, art history concepts, visual literacy and the principles and elements of art in composition.

A61 POTTERY/SCULPTURE 1

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Required

This is a foundation course that emphasizes the art elements and principles of design to produce nonfunctional and functional three-dimensional art forms constructed from clay and other materials. Students may explore both functional and non-functional forms using hand-building, the potter's wheel, and various other sculptural techniques. Media selections include clay, wood, papier-mâché, fibers, found objects, yarns, plaster and others. Students will be exposed to contemporary and historical clay artists.

A62 POTTERY/SCULPTURE 2

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A61 Pottery/Sculpture 1
 Fee: Required

This second level course will build upon experiences in Pottery/Sculpture 1. Students will be challenged with more advanced techniques and problems in the area of pottery and sculpture to create both functional and nonfunctional three-dimensional forms. Students may explore in greater depth the process of hand-building, the potter's wheel, and other sculptural techniques. New firing techniques, different clay bodies, new glazes and new sculpture techniques may be introduced. *Some possible media to be used are clay, wood, papier-mâché, fibers, found objects, yarns, plaster and others. Students will be exposed to contemporary and historical clay artists.*

A63 POTTERY/SCULPTURE 3

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A61 and A62 Pottery/Sculpture 1 & 2
 Fee: Required

This third level course will build upon experiences in level 2. Students will be challenged with more advanced techniques and problems in the area of pottery and sculpture to create both functional and nonfunctional three-dimensional forms. Students may explore in greater depth the process of hand-building, the potter's wheel, sculptural techniques, firing techniques, clay bodies, glazes and sculpture techniques. Students will be exposed to contemporary and historical clay artists.

A64 POTTERY/SCULPTURE 4

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A61, A62, A63 Pottery/Sculpture 1, 2 & 3
 Fee: Required

This fourth level course will build upon experiences in level 3. Students will be challenged with more advanced techniques and problems in the area of pottery and sculpture to create both functional and nonfunctional three-dimensional forms. Students will refine techniques and increase skill levels. Students may explore in greater depth the process of hand-building, the potter's wheel, sculptural techniques, firing techniques, clay bodies, glazes and sculpture techniques. Students will have the opportunity to mix glazes, load and fire kilns. Students will be exposed to contemporary and historical clay artists.

A71 PHOTOGRAPHY 1

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Required

This introductory course deals with traditional black and white 35mm as well as digital photography and teaches the basic camera handling, film processing, and darkroom procedures. Students learn how to control light to produce an aesthetically pleasing image. Composition and the elements and principles of art are introduced. In addition, pinhole cameras, photographs, special effects, and the history of photography may be addressed.

A72 PHOTOGRAPHY 2

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A71 Photography 1
 Fee: Required

This second level course will build upon experiences of level 1. This course deals with improving the student's ability to see, take, and create a photographic image. *Students may be given opportunities to work with sepia toning, hand coloring, multiple images, special films, digital imaging with Photoshop, and other photo techniques and processes. Masters of photography may be studied. Special emphasis is placed on the critique.*

A73 PHOTOGRAPHY 3

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A71 and A72 Photography 1 & 2
 Fee: Required

This third level course will build upon experiences of level 2. This course deals with improving the student's ability to see, take and create a photographic image. Students may be given opportunities to work with medium format, sepia toning, hand coloring, multiple images, special films, digital imaging with Photoshop, specialty lenses, filters and other photo techniques and processes. Masters of photography may be studied. Large photo printing may be taught.

A74 PHOTOGRAPHY 4

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A71, A72, A73 Photography 1, 2 & 3
 Fee: Required

This fourth level course will build upon experiences of level 3 to expand darkroom and photo taking skills and increase the confidence of the students as photographers. Students may be given opportunities to work with medium format, sepia toning, hand coloring, multiple images, special films, digital imaging with Photoshop, specialty lenses, filters and other photo techniques and processes. Masters of photography may be studied. Some instruction may be given on an individual basis with the student's particular career goals or artistic vision in mind.

BUSINESS

REAL CLASSES FOR REAL LIFE

(These courses fulfill the Practical Experience graduation requirements.)

Keeping in mind that the number one college major for both men and women is Business, Boulder High School offers the following comprehensive college-oriented business classes which allow students the opportunity to begin evaluating a potential career in business or the selection of Business as a major or minor in college.

For those students who satisfactorily complete at least **two business courses**, during their high school career, the Boulder Valley School District offers a Business Completion Certificate. In addition, for those students who satisfactorily complete a **three business course sequence**, as set forth below, Boulder High School will provide the student with a **Business Pathway Completer Certificate**.

Business Pathways

Business Management Pathway

Business Management B60- (required) plus 2 of the following:

Business Law B44

Business Foundations B41

Finance B42

Accounting B52

Marketing B80

Accounting Pathway

Accounting B52- (required) plus 2 of the following:

Business Foundations B41

Finance B42

Business Law B44

Marketing B80

COURSES OFFERED

B11 WORD PROCESSING 1

Level: 9-12

Course Length: 1 semester, 5 credits

Prerequisites: None

Are you frustrated by how long it takes to type your school assignments? Do you wish you could type 40 to 60 words per minute? If so, this course is for you. This course teaches beginners how to type using the touch system (without looking at the keys) and teaches experienced typists how to type faster and more accurately. Emphasis is placed on the mastery of the keyboard as well as speed, accuracy, and the production of reports, tables, business letters and other documents, as well as the use of computer software. Students move at their own speed and each of the lessons and exercises includes timed exercises to help students develop both speed and accuracy.

B12 WORD PROCESSING 2

Level: 9-12

Course Length: 1 semester, 5 credits

Prerequisites: B11 Word Processing 1

As a follow up to the Word Processing 1 course, this course places emphasis on the production of letters, reports, tables, and further skill building with a strong emphasis on speed and accuracy as well as the use of computer software.

B13 DESKTOP PUBLISHING/COMPUTER GRAPHICS

Level: 9-12

Course Length: 1 semester, 5 credits

Prerequisites: None

Learn how to use desktop publishing, graphics, and presentation software to create newsletters, books, magazines, newspapers, multimedia, presentations, and movies. Explore the concepts of design, layout, topography, and graphics to create professional looking documents and presentations.

B41 BUSINESS FOUNDATIONS

Level: 9-12

Course Length: 1 semester, 5 credits

Prerequisites: None

Design a business in project form and attempt to make profitable decisions. Units of instruction may include: forms of business ownership, factors in locating a business, marketing, finance, obtaining and training employees, financial statements, and small business managements. Students will participate in many individual and group projects that will incorporate project-based learning. Students will also start a real business in class in cooperation with Junior Achievement and potentially make real money. Students may also work at the Student Store during class time as a lab setting and for work experience. Competitive, computer based business simulations will also be used throughout the semester. *Satisfies the BVSD Financial Literacy/Money Management graduation requirement.*



B42 FINANCE

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

Knowing that over 70 percent of college students indicate that they wish they had more financial literacy education in high school, this course is designed to provide students with the most comprehensive financial literacy education possible with units covering budgeting, saving and investing, credit, checking accounts, financial institution services, insurance and consumer protection. Students will learn the importance of making wise decisions regarding their finances by recognizing, comparing and understanding the alternatives facing them as consumers. The material covered will be reinforced and enhanced through the use of experienced guest speakers, computers, relevant videos and project-based activities, whenever possible. A voluntary field trip may also be taken. Satisfies the BVSD Financial Literacy/Money Management graduation requirement.

B44 BUSINESS LAW

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This very popular course provides students with a comprehensive understanding of our legal system. In addition to covering useful and relevant business related topics such as contract law, this course covers such practical topics as criminal law versus civil law and torts, our court system, jury trial procedures, traffic enforcement, searches, student's legal rights, our prison system and more. The material taught is reinforced and enhanced by experienced and knowledgeable guest speakers including judges, police officers, lawyers, jail personnel and others involved in our legal system. Other materials used throughout the semester include law related videos, computers and a field trip to the Denver Courthouse to observe jury trials. Students will also receive information regarding optional participation with our Boulder High School Mock Trial team. This course is currently being taught by a Colorado attorney, who is a teacher at Boulder High.

B52 ACCOUNTING I

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course teaches double entry accounting procedures. Students will learn to keep financial records for a service or retail business. Students will use accounting software to make book-keeping entries and prepare financial statements. Computer simulations and projects will also be a part of the curriculum.

B60 BUSINESS MANAGEMENT

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This unique business class is patterned after the television show, "The Apprentice." The class is divided into two teams that compete against each other while performing a series of fun business related tasks. Through these project-based tasks, students learn how to apply the five business management principles of planning, organizing, staffing, leading and controlling by actually putting these management principles into practice. By using this unique learning approach, the students experience the benefits of teamwork and cooperation with a diverse group of individuals and have the opportunity to develop their leadership skills as well. The hands on, project-based management tasks will be supplemented and enhanced by the use of guest speakers, videos, field trips and a computer based management simulation, in cooperation with Junior Achievement. Satisfies the BVSD Financial Literacy/ Money Management graduation requirement.

B80 MARKETING

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

A one semester introductory course for students interested in marketing. The course explores the fundamentals of marketing including sales, product/service planning, promotion and advertising, market research and careers in marketing. Students will participate in project-based learning, work with businesses in the community, hear from experienced guest speakers and participate in competitive, computer based marketing simulations. The course will include many hands-on projects in a fun, educational setting.

X68 CAREER INTERNSHIP

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course is designed to assist students in exploring potential career opportunities as well as developing workplace and other practical and soft skills. Students will have the opportunity to work as interns and/or shadow someone who is working in their field of interest. The curriculum will include analyzing personality traits and characteristics, researching career interests, setting realistic goals, completing job applications, interviewing, leadership skills, accountability, teamwork as well as the importance of ethics and integrity. An interview with the instructor is required.

COMPUTER SCIENCE

All Computer Science classes satisfy the Practical Experience/Applied Technology and Computer Science requirement.

Computer Science Pathway

Computing plays a role in most areas of research in the arts and humanities as well as in the social and physical sciences and engineering. Good preparation in high school can give you a head start towards college study in any of these fields. At BHS you can learn the Java programming language to prepare for the AP-Computer Science course. You can also take introductory and advanced courses in C++, another language widely used in university courses.

Multimedia Pathway

Information exchange in today's society is dominated by digital technology. Digital tools are used in designing effective presentation of information, including the use of pictures, animations and sound, in delivering information over the Internet, and in allowing users to interact with sources of information. You can develop understanding as well as skills in this important area by taking BHS courses in Computer Science in the Modern World, Internet/ Web Page Design, and Java programming.

Computer Science Pathway		Multimedia Pathway
Java and AP CS Java	Java and C++	CS in the Modern World & Java or Internet/Web Page Design

D80 COMPUTER SCIENCE IN THE MODERN WORLD

Level: 9-12
Course Length: 1 semester, 5 credits
Prerequisites: None

Computer Science in the Modern World is a course designed to expose all students to the inter-disciplinary nature of computer science in today's dynamic and globally connected society. Students will have the opportunity to explore the uses of computer science as a tool in creating effective solutions to complex contemporary problems. The hands-on nature of the course is intended to provide students with the understanding in a practical learning environment. This course is recommended for all students as it provides an overview of computer sciences and its applications in various disciplines, professions, and personal activities.

D77 JAVA PROGRAMMING USING COMPUTATIONAL AND ENGINEERING PRINCIPLES

Level: 9-12
Course Length: 1 semester, 5 credits
Prerequisites: None

This one semester course is an introduction to Java Programming emphasizing its foundation in computational thinking, an interdisciplinary method of scientific inquiry. Topics will be taught emphasizing STEM domains and will include, but are not limited to: data types, variables, and arithmetic operations, strings, arrays, streams and files, graphics, and methods and constructions. Students will also gain experience with object-oriented programming and project-based learning utilizing ideas of computer graphics and game programming and its application in building mathematical models that are of interest to scientists and engineers. D77 Java Programming is a prerequisite to D78 AP Computer Science Java and D86 C++ Programming.

D78 AP COMPUTER SCIENCE JAVA (WEIGHTED)

Level: 10-12
Course Length: 2 semesters, 5 credits per semester, weighted
Prerequisites: D77 or Nomination

This course prepares students for the AP Computer Science test. Advanced coursework in data types, variables, and arithmetic operations; strings, arrays, graphics, and methods and constructions, etc. Students will also learn how to design and implement programs for the Android phones and tablets and for a final project submit an App or Game to the Android Market.

D86 C++ PROGRAMMING (WEIGHTED)

Level: 10-12
Course Length: 2 semesters, 5 credits per semester, weighted
Prerequisites: D77 or Nomination

This is an advanced course using the C++ programming language. C++ allows the standard numeric and text manipulation features but incorporates object-oriented models and concepts. Students will write a variety of programs. Students will also learn Objective-C programming for Mac and iPhone devices and create an App or 2D game for the App Store.

D87 INTERNET/WEB PAGE DESIGN

Level: 9-12
Course Length: 1 semester, 5 credits
Prerequisites: D80 or D77

This course is designed to provide students the opportunity to apply programming skills to web development. Students will learn to design and publish their own website and podcasts. Students will complete a variety of individual and group projects, using various tools and techniques such as HTML5, Dreamweaver, WordPress, Flash, Photoshop and i-Life.

D89 ADVANCED C++ PROGRAMING (WEIGHTED)

Level: 10-12
 Course Length: 2 semesters, 5 credits per semester
 Prerequisites: D86

This is an advanced C++ programming course. Templates, classes, graphics, and group projects in C++ are covered. Topics include: Objectice-C, game engines, 3D graphics using Open GL/EL, and creating Mac and iPhone programs for the App Stores.

DESIGN TECHNOLOGY

All Computer Science classes satisfy the Practical Experience/Applied Technology and Computer Science requirement.

The Millennium Lab at Boulder High School is one of the best-equipped facilities of its kind. Students may take a variety of classes in this unique environment including Architecture, Robotics, Drafting, and Design Technology. Students have the opportunity to work with the very best software packages available to explore the worlds of computer assisted design (CAD). In addition to standard woodworking equipment, the fabrication shop also boasts such high tech machinery as a laser cutter/engraver, CNC router/mill, vinyl sign cutter, and the latest technological marvel: A 3D printer! All classes in the Millennium Lab fulfill the practical experience and computer skills requirement for graduation.

J25 DESIGN TECHNOLOGY 1

Level: 9-12
 Course Length: Fall semester, 5 credits
 Prerequisites: None
 Fee: Required

This course can be taken multiple times for credit. The Millennium Lab offers a unique opportunity to experience a hands-on approach to current technology and is one of the best facilities of it's kind in the state. Students start by learning different computer assisted design (CAD) programs, including but not limited to: SolidWorks, Corel Draw, SketchUp, and the Adobe CS4 package. Following the software training students do projects using a variety of high-tech tools including a laser cutter, CNC router, 3D printer, and a vinyl sign cutter. After students complete introductory projects, further exploration in a selected field will take place to expand their learning through self-directed projects. "A high tech art class" is the best way to describe Design Tech.

J26 DESIGN TECHNOLOGY 2

Level: 9-12
 Course Length: Spring semester, 5 credits
 Prerequisites: None
 Fee: Required

This class is a continuation of Fall Semester Design Technology 1. In Design Tec 2 there will be emphasis on more advanced design principles and focus on the students individual interests. Students will further advance their studies in complete selected fields which will expand their learning through intermediate and advanced self-initiated projects.

J37 ROBOTICS IN THE 21ST CENTURY

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Required

Want to build a robot? Here's your chance! We'll develop skills in mechanical design (CAD) and construction as we work in teams to build simple robotic devices. We will explore usage of robotics in modern business and industry and examine how robotic devices are affecting our lives and shaping our culture.

J31 Industrial Design CAD

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Required

Drafting is the root of all industry. This entry-level, project based class will expose the student to SolidWorks, and Sketchup, which are the primary tools used by engineers and architects. They will complete units in sketching, geometric constructions, isometric views and layout. Supplemental focus will include an introduction to various forms of engineering.

J32 ARCHITECTURAL DESIGN & DRAFTING 2

Level: 10-12
 Course Length: 1 Year, 10 credits or
 1 semester, 5 credits Prerequisites:
 Prerequisites: None
 Fee: Required

This course will introduce many facets of the architectural profession with an emphasis on concept and design. Students typically complete two major projects per semester in both residential and commercial applications. Class time is split between computer design applications (AutoCAD, Sketchup), and work in the fabrication shop (model building). Lessons in cultural style, period style, and hand rendering (sketching) will also be covered. There are no prerequisites for this class but a strong interest in the subject matter is recommended.

DIVERSITY, LEADERSHIP, SERVICE & OTHER CLASSES

C72 UNDERSTANDING DIVERSITY

Level: 10-12
Course Length: 1 semester, 5 credits
Prerequisite: None

Understanding Diversity in the United States presents students with the opportunity to carefully explore the concepts of race, ethnicity, gender, socio-economic status, sexual orientation, oppression, privilege, community and leadership. This course will be highly interactive and experiential. Students will meet with a variety of members from communities of color and other target groups, analyze the influence of media and modern culture in light of current statistics in our society. It is a discussion-based class which emphasizes personal growth as well as community awareness.

X13 Pre-AVID/ Academic Literacy

Level: 9
Course Length: 1 or 2 semesters, 5 credits per semester
Prerequisite: Nomination

Pre-AVID Academic Literacy is a two semester class which teaches freshmen explicit research based reading strategies in order to support them with their academic reading and writing as they transition into high school. In addition, specific AVID strategies including Cornell Notes, AVID binders, Socratic Seminars as well as strategies of inquiry and collaboration are taught to support students with applicable high school and college preparatory study skills. Course selection is made based upon a student's body of evidence including middle school teacher and counselor recommendations, district and state literacy assessments and grades.

X19 ADVISORY PROGRAM/ACADEMIC SUPPORT CENTER

Level: 9
Course Length: 1 or 2 semesters, 5 credits per semester
Prerequisite: Nomination

Students requiring tutoring or special assistance on a regular basis can be entolled to attend the Academic Support Center for one period if recommended by their middle school counselor. Students will receive support in attaining grade level reading and writing. Students need to be recommended for this course by their middle school/high school counselor and teachers

AVID PROGRAM

AVID is a college preparatory program that focuses on students who are academically proficient, yet need support in reaching and succeeding in advanced academic courses. AVID bridges student gaps in the skills, language, habits, and resources of the college-bound student. Additionally, students in AVID receive academic and motivational support. Other aspects of this program include: field trips to places of educational and cultural interest and tutoring by college students.

X51 AVID 9

Level: 9
Course Length: 2 semester sequence, 10 credits
Prerequisite: Concurrent Alg. 1 or higher
Application, interview,
2.0-3.5GPA

Specifics for AVID 9 - Supports aquisition of students from the middle school into and through their freshman year. It is supportive of the transition into a rigorous high school curriculum. Curriculum focuses on time management, organization and beginning AVID strategies

X52 AVID 10

Level: 10
Course Length: 2 semester sequence, 10 credits
Prerequisite: Concurrent enrollment in one or more advanced/AP class; application, interview,
2.0-3.5 GPA

Specifics for AVID 10 - Focuses on more in-depth AVID strategies, including efficient note taking, writing and individual responsibility (self-advocacy), and socratic seminars.

X53 AVID 11

Level: 11
Course Length: 2 semester sequence, 10 credits
Prerequisite: Concurrent enrollment in one or more advanced/AP class; application, interview,
2.0-3.5 GPA

Specifics for AVID 11 - Emphasis on individual research and college prep/college readiness.

X54 AVID 12

Level: 12
Course Length: 2 semester sequence, 10 credits
Prerequisite: Concurrent enrollment in one or more advanced/AP class; application, interview,
2.0-3.5 GPA

Specifics for AVID 12 - Emphasis on collaborative research and college prep/college readiness.

X56 10TH GRADE AVID TRANSITION

Level: 10
Course Length: 2 semester sequence, 10 credits
Prerequisite: Application, interview

AVID Transition meets five days a week during which students focus on Writing, Inquiry, Collaboration, and Reading (WICR) to support their academic and social growth. This course introduces and provides scaffolding for Cornell notes, AVID binders, tutorial skills, and Socratic seminars. There is an emphasis on work ethic and specific skill building including explicit instruction in reading strategies, organizational skills, and oral and written expression.

The class also provides social, emotional and academic support in order to build student efficacy. In addition, there are speakers and field trips to provide inspiration and motivation.

X61 STUDENT COUNCIL

Level: 9-12
 Course Length: 2 semester sequence, 10 credits
 Prerequisite: Election/Petition

This class is open to students who are elected by the student body in the preceding spring as representatives of their respective classes. Students receiving the highest number of votes from their constituents may opt to be class presidents. This class is also open to students from each class who may petition to enter the class as representatives at-large. The instructor will notify petitioners of their acceptance before summer break, since the class meets several times at the beginning and towards the end of summer, including a required leadership retreat in mid-August. Student Council members serve on all Boulder High School decision-making committees and take part in voting on behalf of all BHS students. Regular class time is devoted to student and school issues, community service, school activities, and the development of leadership skills.

X23 STUDENT ASSISTANTS

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: None, placement by permission of appropriate office staff

At the beginning of each semester students may apply to assist in the Counseling Office, the Attendance Office, or the Main Office. Applications are available only in the counseling office. Students who are interviewed and selected will serve as a valuable resource to these offices. Students are expected to be dependable and industrious. An ability to relate well with other students, with adults who work at the school, and with visitors is very important.

X25 TECHNOLOGY ASSISTANT

Level: 9-12
 Course Length: 1 or 2 semesters, 5-10 credits
 Prerequisites: None

Boulder High's Student Technology Assistant Program is for students to gain real-world experience and increase their applied technology knowledge, under the supervision of the Computer Science teacher. The program is designed to train students as the first level of support in assisting Boulder High's staff with technology problems while also helping to maintain the school's technology facilities. Only students with a technology background who feel comfortable working with teachers and staff need enroll. **Students will need to be available during one of their free periods as well as for meetings during 8th period.**

X32 ACADEMIC ASSISTANT

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: None, placement by permission of teacher
 Academic Assistant provides high school students with an organized experience to assist students in Grades 9-12 through a helping relationship, with their studies and personal growth and

development. The course provides opportunities for the students taking the course to develop a basic understanding of individual differences and to explore career options in related fields. Academic Assistant experiences are preplanned by the teacher of the course and any cooperating teacher under whom the tutoring is to be provided. The course provides a balance of class work relating to the development of and use of: (1) listening skills, (2) communication skills, (3) facilitation skills, (4) decision-making skills, and (5) teaching strategies.

X67 COMMUNITY SERVICE (OUT-OF-SCHOOL-SERVICE)

Level: 9-12
 Course Length: 75 hours volunteer work, 5 credits
 Prerequisite: Administration approval

Students work as volunteers at community agencies. Applications are available in the Counseling Office. Students must have approval for this course prior to volunteering.

H80 CO-TEACHING

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisite: Nomination

Student co-teachers will collaborate with their assigned classroom teacher for one semester. They will co-teach every day employing one or more of the four co-teaching methods: supportive, parallel, complementary, and/or team. Classroom responsibilities will vary based on mutual agreement between the student and the classroom teacher.

X100 ADELANTE

(Programa De Ayuda Academica En Espanol)

Level: 9-12
 Course Length: 2 semester sequence, 10 credits
 Prerequisite: Nomination

Adelante! - Academic Support, Available in Spanish

This class is part of our program to help students to be successful in school. This is particularly for students who benefit from academic support in Spanish. This class is the last period of the day and students are encouraged to stay after school. We offer volunteer tutors and we work in constant communication with students' teachers and parents.

Esta clase es parte del programa para ayudar a los alumnos a tener éxito en la escuela y es para los estudiantes que necesitan ayuda académica en español. Se enseña en el último período y también se pueden quedar después de las clases. Hay tutores voluntarios y se trabaja en comunicación constante con los profesores y los padres.

ENGLISH LANGUAGE DEVELOPMENT**ELD Programs**

The English Language Development Department at Boulder High School offers English language instruction through course placement and academic support. All courses adhere to BVSD Language Arts Curriculum Essentials while specifically accommodating the linguistic needs of the limited English proficient learner. Explicitly, the alignment between Language Arts Standards and English Language Development Standards articulates the commonalities that exist in student essential learning expectations while following a continuum of language acquisition from Intermediate to Advanced Levels. All language domains--listening, speaking, reading, and writing-- are developed through learning strategies specific for English language learners. All course placement recommendations are made considering a portfolio of indicators that focus on language acquisition performance in all four domains in order to structure for success and encourage improved performance in all classes.

LA3 ENGLISH LANGUAGE DEVELOPMENT 3

Level: 9-12

Course Length: 2 semester sequence, 10 credits

Prerequisite: Nomination and/or test scores

ELD Language Development emphasizes a variety of communication skills: listening, speaking, reading and writing. This class will provide a necessary bridge for students between LA1 English as a Second Language 1 and the next appropriate ESL course. Students will develop reading and writing skills integral to their success in subsequent literature courses. This class begins with an emphasis on the structural elements of written communication, i.e. parts of speech, sentences and paragraph development and essay writing. Poetry, drama, short stories, adapted classics and nonfiction prose will be used to increase student's reading fluency and comprehension. Continued study of grammar and usage, vocabulary development, outlining, summarizing, analyzing and the use of context clues will fill in gaps in student's English language development. Students will gain confidence in delivering speeches and oral presentations in front of their peers, as well as in technology skills.

**FAMILY & CONSUMER SCIENCE**

(Meets Practical Experience credit requirement.)

The student of today and the adult of tomorrow will continue to be faced with many challenges in life. The Family & Consumer Science Department is committed to the teaching of life skills which will enable young adults to be better prepared to meet these ever increasing challenges. The student vocational organization, Family, Career, Community Leaders of America (FCCLA) is integrated into all courses. FCCLA offers students opportunities for personal and leadership development through involvement in community service projects and participation in district, state and national leadership conferences. All courses are Practical Experience credit. Two semesters of Living on Your Own satisfies Health and Money Management graduation requirements.

H20 CATERING 1 & 2

Level: 9-12

Course Length: 1 semester, 5 credits

Prerequisites: None

Fee: Required

Broaden your understanding and appreciation of food! Learn about nutrition and food preparation while applying new skills in a lab experience. Projects reflect worldwide culinary traditions, while respecting current diet and nutrition guidelines. Class format includes hands-on instruction, cooperative activities, individual and group projects, and guest speakers.

H23, H24 PRO START 1 AND 2

Level: 11-12

Course Length: 2 semesters, 10 credits

Prerequisites: H20 Catering 1

Fee: Required

A two year course developed by the National Restaurant Education Association, for students interested in the hospitality fields of hotel, lodging and restaurant management. Offerings of H23 run alternately every other year with H24. Sequence is not important. The focus of H23 will include development of culinary skills in the areas of breakfast foods such as crepes, hot and cold sandwiches, salads, vinegars, garnishes, fruits and vegetables. Additionally, students will learn about menu development and cost and inventory control. H24 will develop awareness and skill in pastry and bread making, sauces and stocks, and international cuisine. Students will study marketing and customer service. All students will have the opportunity to work with a mentor in a paid work experience in the hospitality field. At the conclusion, students will be able to sit for the National Restaurant Exam in order to qualify for scholarships and college credit.

H50 LIVING ON YOUR OWN

Level: 12
 Course Length: 1 or 2 semesters, 5 credits per semester, (2 semesters to meet health requirement, 2 semesters to meet money management requirement, or 1 semester for practical experience requirement)

Prerequisites: None

This year-long course is designed to help you sharpen your focus on your own life. It is to help you gain a clear picture of who you are, how you got that way, and most importantly, to help you make wise choices in your life. Topics include: relationships, housing, personal finance, parenting, communications, healthy life style, food and nutrition, and preparing for life after high school. BVSD Health Curriculum topics will be covered.

H30 FASHION PRODUCTION

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Equipment and fabric for sewing project

Students will develop career and technical skills in the areas of fashion merchandising, design and apparel production. Practical experiences will be provided through labs and projects. Units include fashion theory, elements and principles of design, merchandising, pattern alterations, apparel production, and clothing care. Students will provide their own materials for apparel production projects.

HEALTH EDUCATION**G50 ISSUES IN HEALTH**

Level: 10 recommended
 Length: 1 semester, 5 credits
 Prerequisites: None

The health curriculum for tenth grade emphasizes skill development in the areas of acquiring health knowledge, accessing health resources, practicing healthy behaviors, analyzing the influence of media, developing communication skills, setting goals, making health-related decisions, and advocating for personal, family, and community health. Topics in health are used as subject matter in teaching the skills. The essential learning results are identified as essential, desired, or optional. While all of the identified results are important, priority is given to making sure that students have the opportunity to learn those identified as essential. The Health Education learning materials (lesson plans, student activities, parent news-letters, assessment tools) utilized to teach the curriculum emphasize experiential learning and reinforce parent-student communication and parent involvement in health education. The BVSD policy on exclusion from Health Education (IGAE) states that parents or guardians of students may exclude their children from specific portions of health instruction on the grounds that the instruction is contrary to the child's or parents religious beliefs and teachings, or contrary to closely held personal beliefs. Parents will be provided an exclusion request at the beginning of each semester (File IGAE-E).

LANGUAGE ARTS & THEATRE

Colleges and universities vary in their admission requirements for Language Arts. Not all courses offered by Boulder High School may be recognized as an academic unit. Please check individual colleges for their policies.

Athletes: Be sure to review the National Collegiate Athletic Association (NCAA) policy requirements carefully before selecting courses. See page 8. All student athletes planning on competing at the college level (division I and II) must meet NCAA Clearinghouse requirements.

The following is the recommended sequence for Language Arts courses. Students must successfully complete one of the classes in each grade level.

Grade 9	Grade 10	Grade 11
FR LA	World Lit & Comp	Am Lit & Comp
Adv FR LA	Adv Comp & Wld Lit	APE Lang & Comp

In addition to the above required courses, students must complete a minimum of 5 credits each of Communications and Language Arts Electives.

Communication

Discussion & Debate
 Public Speaking
 Video & Film Prod
 Intro to Theater
 Acting
 Semantics

LA Electives

Biblical Literature
 Mythology
 Senior Composition
 Play Production
 Film Literature
 Adv Journalism
 Yearbook
 Creative Writing
 APE Lit & Comp
 Video & Film Prod 2
 Comic & Graphic -
 Novel Lit

Writing and Literature

Each student is required to successfully complete one level of Freshman Language Arts in the freshman year; one level of World Literature and Composition in the sophomore year; and one level of American Literature and Composition, or AP English Language and Composition in the junior year. We encourage students to sample a variety of other literature and writing courses in addition to these requirements. We also encourage students who plan to take advanced courses their junior and senior years to prepare for those courses by taking advanced courses during their freshman and sophomore years.

XASL ACADEMIC SUPPORT - READING, WRITING & COMMUNICATION/LITERACY

Level: 6-12
 Course Length: 1 semester, 5 elective credits
 Prerequisites: Concurrent Enrollment in a Reading, Writing Communicating or Literacy Course

The Academic Support Class for Reading, Writing, and Communicating is a second course taken concurrently with a standard level Reading, Writing, and Communicating course. This course is designed to support student success in the standard level course through a combination of pre-teaching, targeted in-context skill-building and a variety of reading and writing strategies.

L08 FRESHMAN LANGUAGE ARTS

Level: 9
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

Students in ninth grade language arts will receive instruction in composition and literary analysis. Teachers will build upon 8th grade instruction and will help students develop skills which will allow them to be successful in World Literature and composition at the sophomore level. Focused instruction will augment the 9-12 language arts academic content standards and benchmarks. Freshman Language Arts is a survey course that exposes students to a variety of reading and writing activities. Students are expected to read novels, short stories, plays, essays and poems. Students are expected to write in a variety of styles.

L11 FRESHMAN LANGUAGE ARTS, ADVANCED (WEIGHTED)

Level: 9
 Course Length: 2 semesters, 10 credits
 Prerequisites: Nomination

This course is a rigorous version of L08 for freshmen seeking a greater challenge in Language Arts. Students should be advanced, independent, analytical readers who have demonstrated success in previous English classes.

L27 WORLD LITERATURE AND COMPOSITION

Level: 10
 Course Length: 2 semesters, 10 credits
 Prerequisites: Freshman Language Arts

World Literature and Composition is a year-long course. The course will be organized in chronological, regional, or thematic order. It will be complemented by the sophomore study of World History. Critical reading and analysis of world literature from 3500 B. C. to the present will be the core of the course. Cause/effect, comparison/contrast, persuasive, and research modes of composition will be taught. Grammar, mechanics, vocabulary building, and spelling will be emphasized throughout the course to improve and enhance the quality of student writing.

L16 WORLD LITERATURE AND COMPOSITION, ADVANCED (WEIGHTED)

Level: 10
 Course Length: 2 semesters, 10 credits
 Prerequisites: Freshman Language Arts, or Nomination
 Advanced World Literature and Composition is a rigorous version of L27 for sophomores seeking a greater challenge in the language arts. Critical reading and analysis of world literature will be the core of the course. Composition emphasizing literary criticism will be taught along with grammar, syntax, and all mechanics. Vocabulary enrichment and research skills will also be developed. Students should be advanced, independent, analytical readers who have demonstrated success in previous English classes.

L20 AMERICAN LITERATURE AND COMPOSITION

Level: 11
 Course Length: 2 semesters, 10 credits
 Prerequisites: World Literature and Composition

American Literature and composition is a year-long course for juniors. The course builds on skills learned in the World Literature and Composition class. This course includes the study of classic American literature from the 16th century to the present. Instruction in writing techniques is an integral part of the course. Students refine their composition skills to increase their abilities to write clearly, correctly, and logically for a variety of purposes and audiences. Grammar, vocabulary, and the vocabulary of literature will be included. Literary analysis through critical thinking is emphasized in class discussions and writing assignments.

L77 AP ENGLISH LANGUAGE AND COMPOSITION (WEIGHTED)

Level: 11
 Course Length: 2 semesters, 10 credits
 Prerequisites: World Lit & Comp or equivalent, or Nomination

This course prepares students for the AP Language and Composition exam. Students develop the writing and language skills required for critical and rhetorical analysis. Students explore the ideas of noted philosophers and major American writers while perfecting their own writing skills. Students work to become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. This course also provides the practice for students to become flexible writers who can compose in a variety of modes and for a variety of purposes. This course will prepare students for the AP Language exam.

L88 AP ENGLISH LITERATURE & COMPOSITION (WEIGHTED)

Level: 12
 Course Length: 2 semesters, 10 credits Lang Arts elective
 Prerequisites: Advanced Course or Nomination

This course will engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. This course will prepare students for the AP English Literature examination.

Communication

Students are required to take a five credit communication course for graduation. We encourage students to take other communication courses in addition to these requirements.

L33 DISCUSSION AND DEBATE

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course is designed to study techniques used in argumentation, forms of discussion, and formal debate. Students will learn the fundamentals of communication and the psychology of persuasion. Skills practiced in this class are applicable to other classes and to participation in the democratic process in our communities, states, and country. The course is based on strong oral components.

L34 PUBLIC SPEAKING

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

Public Speaking allows students to develop skills in the preparation, organization, and presentation of speeches. Students practice and deliver prepared, and impromptu speeches to inform, to persuade and to entertain. Students enhance their reading skills through the oral interpretation of literature. In this course, technique and polish in public speaking are cultivated. Those seeking careers involving exposure to and interaction with the public will particularly benefit from this course.

L40 SEMANTICS

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course examines the history of language, the dynamic process of language as communication, and the changing nature of structural forms in the English language. A significant portion of the class time is devoted to demonstrations of semantic skills.

L46 VIDEO AND FILM PRODUCTION 1

Level: 9-12
 Course Length: 1 semester, 5 credits(Not accepted by NCAA)
 Prerequisites: None
 Fee: Required

In this course, students will write, produce, and edit video and film production. Planning responsibility and technical knowledge are emphasized. Students are responsible for planning, handling technical equipment, and employing technical knowledge. Students will analyze film, video, and television. Students will produce a video or film.

L46 VIDEO AND FILM PRODUCTION 1

PANTHER TV (PTV)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: Nomination

This one semester independent study course offers students interested in Panther Television (televised school announcements) the opportunities to work at scripting, filming, editing and anchoring the weekly news program. The job of Panther Television is to cover the "news" at Boulder High School and students enrolled in this class will have a great deal of creative latitude in doing so. Class assignments are based on student interest and ability. Interested students see Mr. Williams to get on the list for this class.

L35 INTRODUCTION TO THEATER(THEATRE 1)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course provides a foundation in all aspects of theatre: history, play analysis, terminology, basic stage movement, vocal exercises, memorization, character interpretation, basic production principles, and selection and evaluation of plays.

L36 ACTING (THEATRE 2)

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: L35 Introduction to Theatre or Nomination

This advanced course concentrates on specialized acting skills, character analysis, and dramatic interpretations. Areas of study include physical and vocal exercises and techniques; reading, viewing, and analyzing plays; psychology of stage movement; advanced research in make-up and costume as applied to characterization; investigation of acting theories and play styles; and final performances.

L84 BIBLICAL LITERATURE/OLD TESTAMENT

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

Selections from the Bible are studied as sources for understanding the ethics, history, and literature of the western world. The literature of the Bible is grouped into selected genre or themes which are studied structurally, historically, and culturally. Students may produce individual research and creative projects.

L80 MYTHOLOGY

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course focuses on Greek and Roman myths, epics, and dramas. Students will study the stories of the classical gods and heroes and explore the cultural values and beliefs those stories convey. Myths of other cultures such as African, Native American, Asian, and Norse will be studied at a comparative level. Students will examine how mythical allusions, archetypes, and themes enrich literature, art, and film.

L14 SENIOR COMPOSITION

Level: 12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

Senior Composition emphasizes critical thinking and the writing techniques of analysis and argumentation needed to communicate effectively in the college classroom. Students will read critically for ideas with the purpose of analyzing, interpreting, and predicting. Students will be called upon to create essays which reflect these higher order thinking skills.

LE8 PLAY PRODUCTION (THEATER 3)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: L35 Introduction to Theater or Nomination

This course is designed to provide advanced study in technical theatre arts and production. It gives students interested in theatre opportunities to develop their skills in theatre arts and practice necessary for the successful staging of a play and to allow them them in a production situation. The specific goal of the course is to acquaint the students with all major components of production the opportunity to apply these skills practically. Students will actively take part in the Boulder High theatre productions while in class. Students may enroll for a second semester of credit.

L19 CREATIVE WRITING

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course introduces the student to the writing of fiction, poetry, the personal narrative, drama, screenplay, and creative essay.

Students analyze peer and published authors for particular artistic devices in order to understand the writer's skill in narration, dialogue, description, and specific detail. This course provides activities and projects to stimulate latent talent and ideas, to encourage appropriate freedom of expression, and to develop sensitivity to the power of words in the written medium. Students may be required to read their work aloud for class critique. The course may introduce students to appropriate markets for publication.

LE2 INTERMEDIATE JOURNALISM: ADV REPORTING/NEWSPAPER

Level: 10-12
 Course Length: 2 semesters, 10 credits(Not accepted by NCAA)
 Prerequisites: Nomination

Intermediate Journalism is based around writing for the school newspaper. It is a continuation of Journalism, Reporting, with an emphasis on writing news, features, sports and editorials, and editing of the school newspaper or newsmagazine. Students in this class enjoy writing, and they already write fluently and accurately. Students are responsible for all aspects of publication, including working cooperatively with other staff members (including the advisor) not only to complete writing and editing duties, but also to provide art and photos, design creative pages, and raise funding through advertising sales or completing other contractual tasks. Students must commit at least the same time outside class as in class conducting interviews and information, attending events, and completing production and distribution tasks according to an inflexible deadline schedule.

LE7 YEARBOOK

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Nomination

This class produces the yearbook. Work includes writing/editing copy, taking pictures, designing layouts using computer software, editing proof pages, and working with the yearbook company and its representatives. This class demands punctuality, reliability, maturity, and creativity. Students may continue in this course for additional elective Language Arts credits. First year students receive LA elective credit; Second year students receive communication credit; third year students receive applied tech. credit.

LE0 FILM LITERATURE

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

Film Literature examines literary and artistic forms as interpreted through film. Students develop literary, verbal, and visual analysis skills through discussion and written critiques. This course fosters an understanding of film's historical progression, its language, its techniques and its conscious and subliminal effects upon personal and public opinion

L48 VIDEO AND FILM PRODUCTION 2

Level: 10-12
 Course Length: 1 semester, 5 credits (Lang Arts elective, not accepted by NCAA)
 Prerequisites: L46 Video & Film Production 1 or Nomination
 Fee: Required

In this class, students will build upon the skills already learned in Video and Film Production. In addition to acting in leadership positions on our weekly news magazine show, Panther TV, students will also explore advanced video editing, studio production, DVD creation, video for the web, and careers in film and video.

L161 COMIC AND GRAPHIC NOVEL LITERATURE

Level: 9-12
 Course Length: 1 semester, 5 credits (Lang Arts elective, not accepted byNCAA)

Prerequisites: None
 This course covers the techniques and history of comic art and graphic novel storytelling. The students will study the various formats and techniques used over the years in comic strip, comic book, and graphic novel publications, emphasizing how both illustration and script blend to create a unique storytelling form. The students will also learn standard-form sequential art script-writing procedures to produce their own work for the class. Expanding their sense of visual syntax, students come to appreciate a truly unique literary form.

Mathematics

Boulder Valley School District sets a graduation requirement of 20 credits in mathematics, 10 of which must be at the Algebra 1 level or above. Most colleges require that students complete Algebra 2 and expect students to take 4 years of math.

The integration of appropriate technology is stressed in all classes. Scientific calculators are needed in most classes from M22 through M43. Graphing calculators are required in courses M51 through M88. We recommend the TI-83, TI-83 Plus, or TI-84 models.

Level changes may be made during the first 6 weeks of any semester with proper teacher and parent approval. Changes are made if space is available.

MATHEMATICS PLANNING SCHEDULE:

The chart below is to be read from the bottom up. Mathematics level upon entering Boulder High will determine initial path. Students may follow a combination of paths depending on teacher recommendation.

*Indicates options at grade 12.

Grade 12*					AP Statistics		
Grade 12*		Math Topics	AP Statistics	AP Statistics	AP Calc AB		
Grade 12*	Algebra 2	Pre-Calc	AP Calc AB	Pre- Calc Adv	Calculus BC	AP Statistics	
Grade 11	Geometry	Algebra 2	Pre- Calc	Algebra 2, Adv	Pre-Calculus Adv	Calculus BC	AP Statistics
Grade 10	Algebra 1B	Geometry	Algebra 2	Geometry Adv	Algebra 2 Adv	Pre- Calculus Adv	AP Calculus BC
Grade 9	Algebra 1A	Algebra 1	Geometry	Algebra 1, Adv	GeometryAdv	Algebra 2Adv	Pre- Calculus Adv

**XASM ACADEMIC SUPPORT
MATHEMATICS**

Level: 6-12
 Course Length: 1 semester, 5 elective credits
 Prerequisites: Concurrent Enrollment in a Mathematics Course
 The Academic Support Class for Mathematics is a second course taken concurrently with a standard level math course. This course is designed to support student success in the standard level mathematics course through a combination of pre-teaching, targeting in-context skill-building and a variety of mathematical strategies.

M22 ALGEBRA 1A

Level: 9-12
 Course Length: 2 semesters, 5 credits per semester
 Prerequisites: None
 Algebra 1A and 1B covers the same material as M31 Algebra 1, but does it in a two-year period. It covers the study of algebraic symbolism, systems of equations, graphing, problem solving, and probability and statistics. The students will build upon their previous knowledge to further understand the characteristics and representations of various functions and relations, including first degree equations and inequalities, polynomials, exponential and radical expressions, and quadratic equations. After completion of Algebra 1A and 1B, students will continue on to Geometry.

M32 ALGEBRA 1B

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 1A
 Algebra 1A and 1B covers the same material as M31 Algebra 1, but does it in a two-year period. It covers the study of algebraic symbolism, systems of equations, graphing, problem solving, and probability and statistics. The students will build upon their previous knowledge to further understand the characteristics and representations of various functions and relations, including first degree equations and inequalities, polynomials, exponential and radical expressions and quadratic equations.

M31 ALGEBRA 1

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: PreAlgebra
 Algebra 1 is the study of algebraic symbolism, systems of equations, graphing, problem solving, and probability and statistics. The students will build upon their previous knowledge to further understand the characteristics and representations of various functions and relations, including first degree equations and inequalities, polynomials, exponential and radical expressions, and quadratic equations.

M35 ALGEBRA 1, ADVANCED (UNWEIGHTED)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: Nomination
 Advanced Algebra 1 is an in-depth study of algebraic symbolisms of equations and inequalities, graphing, problem solving, and probability and statistics. The students will build upon their previous knowledge to further understand the characteristics and representations of various functions and relations, including first degree equations and inequalities, polynomials, exponential and radical expressions, quadratic equations, complex numbers and rational algebraic expressions. This course is designed for highly motivated and mathematically talented students.

M41 GEOMETRY

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: M31 or M35
 Geometry presents a thorough study of the structure of the postulation system and the development of formal synthetic proof. It considers the topics of congruence, parallelism, perpendicularity, properties of polygons, similarity, and the relationships of circles, spheres, lines, and planes with respect to space as well as the plane. The maintenance of algebraic skills will be emphasized.

M43 GEOMETRY, ADVANCED (WEIGHTED)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: M35 or Nomination
 Advanced Geometry presents a thorough study of the structure of the postulational system and the development of formal synthetic proof with an emphasis on logic. It teaches the topic of congruence, parallelism, perpendicularity, properties of polygons, similarity, and the interrelations of circles, spheres, lines and planes. This course is conceptually difficult and moves at a rigorous pace so the student must be highly motivated and mathematically talented with an A or B in the previous advanced math course or a teacher recommendation.

M51 ALGEBRA 2

Level: 10-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: M31 and M41
 Algebra 2 emphasizes the structure of algebra. The students will study number sets, relations and functions, solutions to first and second degree equations, graphing, exponential, and logarithmic functions. Counting principle, probability, statistics, matrices, and right triangle trigonometry are also covered. They will apply their studies to develop understandings of how these topics relate to one another.

**M55 ALGEBRA 2, ADVANCED
(WEIGHTED)**

Level: 9-11
 Course Length: 2 semesters, 10 credits
 Prerequisite: M45 or Nomination

Algebra 2 Advanced will cover the concepts of Algebra 2 with more emphasis on theory, structure and applications. The students will study number sets, relations and functions, solutions to first and second degree equations, graphing, exponential and logarithmic functions, probability, statistics, and trigonometry. The students will make and test conjectures to deepen their understandings of these topics. Sequences and series, and advanced trigonometric topics will also be covered. This course is conceptually difficult and moves at a rigorous pace so the student must be highly motivated and mathematically talented with an A or B in the previous advanced math course or a teacher recommendation.

M61 PRE-CALCULUS 1

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: M51, M55 or Nomination

This course includes the study of polynomial functions and equations, rational functions, matrix algebra, logarithmic and exponential functions and conic sections.

**M62 PRE-CALCULUS 1, ADVANCED
(WEIGHTED)**

Level: 11-12
 Course Length: 1 semester, 5 credits, Fall semester
 Prerequisites: M55 or Nomination

Pre-Calculus 1 Advanced is designed for highly motivated and mathematically talented students. It covers algebraic and transcendental function, higher degree polynomials, exponential functions, logarithm functions, and conics in depth. This course is conceptually difficult and moves at a rigorous pace so the student must be highly motivated and mathematically talented with an A or B in the previous advanced math course or a teacher recommendation.

**M63 PRE-CALCULUS 2, ADVANCED
(WEIGHTED)**

Level: 11-12
 Course Length: 1 semester, 5 credits, Spring semester
 Prerequisites: M62

This course will study topics of vectors and parametrics, trigonometry functions, polar functions and parametrics. It will also cover sequences, limits and series. This course is conceptually difficult and moves at a rigorous pace so the student must be highly motivated and mathematically talented with an A or B in Advanced Algebra 2 or a teacher recommendation.

M64 PRE-CALCULUS 2

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: M61 or Nomination

This course includes the study of circular functions, special angles, graphs, identities, inverse trigonometry functions, solutions of right and oblique triangles, polar coordinate systems and their applications and vectors and their applications in two and three dimensions. Optional topics: limits and first derivatives. Students should be getting B's and A's in Pre-Calculus 1 to be successful.

M65 AP CALCULUS AB (WEIGHTED)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: M61 and M64 or M62 and M63 or Nomination

This course is for students with superior motivation and ability in mathematics. AP Calculus AB examines the theory of limits, differentiation, functional analysis, and integration. Students develop problem solving skills through application. Successful students may take the advanced placement exam and receive college credit. Students must choose between AB and BC. They are not sequential. Calculus AB is rigorous and should be taken by serious students of mathematics.

**M66 AP CALCULUS BC
(WEIGHTED)**

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: M62 and M63 or Nomination

AP Calculus BC involves further application of differentiation and integration. It also includes polar coordinates, differential equations, infinite series, and integration techniques. Successful students may take advanced placement exams and possibly receive college credit. Students must choose between AB and BC. They are not sequential. Calculus BC is highly rigorous and for the most accelerated students.

M68 MATH TOPICS

Level: 12
 Course Length: 2 semester, 10 credits
 Prerequisite: M51

This course is designed to prepare students for college work that will not require extensive Calculus. Major topics to be covered include, but not limited to : comprehensive review of algebra and geometry skills; quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; probability and statistics; finance and business topics. As appropriate, career options relevant to this level of math will also be explored.

M69 AP STATISTICS (WEIGHTED)

Level: 10-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 2 Advanced or Algebra 2 or Nomination

This course is designed to be equivalent to a one-semester, introductory, non-calculus based college course in statistics. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual theses. These are 1) exploring data: observing patterns and departures from patterns, 2) planning a study: deciding what and how to measure, 3) anticipating patterns: producing models using probability and simulation, 4) statistical inference: confirming models. Students who successfully complete the course and AP exam may receive college credit and/or advanced placement for a one-semester college statistics course. Students who have taken the semester Statistics class (M67) must take the full year to get credit for this course.

M88 CALCULUS 3

Level: 11-12
 Course Length: 1 semesters, 5 credits
 Prerequisites: Calculus 2 or Nomination

Topics include transcendental functions, methods of integration, polar coordinates, conic sections, improper integrals, partial derivatives and multiple integrals, vector-valued functions, and vector analysis. Students completing this course will have a thorough understanding of exponential logarithmic, hyperbolic and inverse trigonometric functions. Students have the option to register for college credit.

MONEY MANAGEMENT/ PERSONAL FINANCE

The money management & personal finance graduation requirement can be met by completing one of the following courses:

B41 Business Foundations
 B42 Finance
 B52 Accounting 1
 B60 Business Management
 H50 Living On Your Own
 T75 AP Macroeconomics
 T77 AP Microeconomics
 OR

By completing the BVSD on-line program by the end of the fall semester of the senior year. This program is taken exclusively at home or any location where there is a computer with Explorer 5.0 or later, an internet connection (high-speed is suggested) and an available printer. No credit is earned with this program. Enrollment information is in the counseling office.

MUSIC

(Meets Fine Arts Requirement)

Some courses in this section require an audition; auditions are held in late March/early April.

N33 AP MUSIC THEORY (WEIGHTED)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Students interested in AP Music
 Fee: Required

AP Music Theory is a course in music composition. Ear-training, sight-singing, and composition will be augmented with the study of four-part writing. The College Board Advanced Placement course syllabus provides the curriculum guide for this course.

Vocal Music**N55 MEN'S CHOIR**

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

This choir is a vocal ensemble designed to introduce singers to choral ensembles at the high school level. A wide variety of vocal techniques will be presented and utilized. Culminating performances are a meaningful and mandatory component of this class.

N60 CONCERT CHOIR

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

Concert Choir elaborates on concepts and techniques explored in Choir. A wide variety of vocal techniques will be presented and utilized. Culminating performances are a meaningful and mandatory component of this class. Public performances after school hours are an integral part of the course and are required.

N62 SELECT WOMEN'S CHOIR (ARIA)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Audition for Placement

Choir is a vocal ensemble designed to introduce singers to choral ensembles at the high school level. A wide variety of vocal techniques will be presented and utilized. Culminating performances are a meaningful and mandatory component of this class. Public performances after school hours are an integral part of the course and are required.

N68 JAZZ CHOIR (HIGH ALTITUDE)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Audition for Placement

Jazz Choir introduces the styles of jazz and contemporary singing to the more advanced singer. Basic fundamentals of the jazz style will be introduced. Musical emphasis is placed on performance skills, group responsibility, and vocal improvisation. Public performance after school hours is an integral part of the course and is required.

Instrumental Music**N41 H.S. INSTRUMENTAL MUSIC:
GUITAR ONE**

Level: 9-12
 Course Length: 1 or 2 semesters, 5 credits per semester
 Prerequisite: None

Guitar One is a course for students with limited musical skill who are interested in learning to play the guitar. Expectations for students include acquiring proper performance skills and technique, music terminology and notation, and the relationship of the guitar in music history. This class includes concert/recital attendance after school hours.

N72 BAND LEVEL 2 (CONCERT BAND)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: Previous experience or demonstrated ability
 Band Level 2 is a course that further explores the organization, preparation, and performance concepts of a contemporary band. The year-long course will further explore the concert band idiom. Included is the study of more intricate music and both affective and physical coordination skills necessary for band performances. In addition, a variety of group and individual leadership positions will be available. Public performances after school hours is an integral part of the course and are required. Course incorporates string orchestra experience throughout the year.

N73 BAND LEVEL 3 (WIND ENSEMBLE)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: Audition for Placement

Band level 3 is a course that emphasizes the highest degree of band performance. The level 3 students assume many of the varied responsibilities of organizing the band and rehearsals. The year-long course will further explore some of the most complex aspects of a performing band program. In addition, special opportunities are given for leadership training. Public performances after school hours are an integral part of the course and are required. Course incorporates string orchestra experience throughout the year.

N75 JAZZ BAND 1 (JAZZ UNLIMITED)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: Audition for Placement

Students interested in Jazz Band 1 will need to read and write musical notation, have performance skills in voice or on an instrument. Jazz Band 1 will offer talented musicians the opportunity to learn musical forms in jazz, rock, and popular music with specific attention paid to learning styles and improvisational techniques. It will provide students with performance skills in voice or on an instrument, an introduction to jazz, rock and popular music. Jazz Band 1 will provide students with little or no background in jazz, rock and popular music, an introduction to these styles and a chance to advance into the Jazz Band 2 and 3 courses. Public performance after school hours is an integral part of the course and is required.

N76 JAZZ BAND 2 (LANDMARK JAZZ)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: N75 Jazz Band 1 or equivalent,
 Audition for Placement

Jazz Band 2 is a course that offers student musicians experience in and opportunity to perform the musical forms of jazz, rock, and popular music with additional emphasis on advancing improvisational techniques. Public performances after school hours are an integral part of the course and are required.

N77 JAZZ BAND 3 (BOULDER JAZZ)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: N76 Jazz Band 2 or equivalent,
 Audition for Placement

Jazz Band 3 is a course that offers student musicians experience in and opportunity to perform the musical forms of jazz music with additional emphasis on advancing improvisational techniques. Public performances after school hours are an integral part of the course and are required.

**N81 ORCHESTRA LEVEL 1
(SYMPHONY)**

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: Previous study of a stringed orchestral instrument; no audition required

Orchestra Level 1 offers technical and musical training and opportunities for development in group settings for orchestral musicians. Students become familiar with great works of music as well as developing technical and personal growth. Winds and percussion may be incorporated to provide for a full orchestral experience. Performances after school hours are an integral part of the course and are required.

N86 CHAMBER ORCHESTRA

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisite: Previous experience on any orchestral instrument and Audition for Placement

Chamber Orchestra provides the opportunity for string students to acquire experience and skill in a small select string orchestra. Winds and percussion are included to provide the full orchestral experience. Special emphasis on solo playing and leadership are inherent in the unique literature performed by chamber orchestra. Public performances after school hours are an integral part of the course and are required.

PHYSICAL EDUCATION

Physical Education classes are offered for a semester, but will be broken down into three 6-week parts. You are registering for an activity for the first six weeks of the 1st semester and the last six weeks of the 2nd semester. The teachers will create two other PE activities for students to select from based upon interest, teacher availability, facilities and weather. The other activities will consist of bowling, indoor fitness (spinning, yoga, fit ball/core work), racquet sports (badminton, pickleball, ping pong), indoor team sports (basketball, volleyball, soccer, floor hockey) and weight training.

Students must earn 15 units of Physical Education credit in grades 9 through 12. The Comprehensive P.E. course must be taken in the 9th grade.

There are some courses which require a fee for use of an off-campus facility or for disposable equipment. These courses are noted in the description. Students will need to provide proper gym attire and a lock for their P.E. locker.

All P.E. courses may be taken twice for P.E. credit. Classes taken more than twice will count toward elective credits.

P20 COMPREHENSIVE PHYSICAL EDUCATION

Level: 9 REQUIRED
 Course Length: 1 semester, 5 credits
 Prerequisite: None
 Fee: None

This is a required course for all freshman. This course provides basic orientation to the high school P.E. curriculum. Students in this course are given the opportunity to explore the variety of elective physical education courses available to them during the remainder of their high school program. Emphasis is placed on skill development and fitness. The five fitness components of cardiovascular endurance, flexibility, muscular endurance, muscular strength, and body composition will be addressed.

P23 FITNESS

Level: 9-12
 Prerequisite: P20 Comprehensive Physical Education
 Fee: None

This course is designed to make students aware of various life-time physical activities. Students will improve their fitness level through a variety of activities including weight training, aerobics, cardiovascular conditioning, and circuit training. Information will be given concerning diet, sports, and muscle groups. The five fitness components of cardiovascular endurance, flexibility, muscular strength, muscular endurance, and body composition will be addressed. We address all areas of fitness in creative ways utilizing many different pieces of equipment, formats, music, activities, and accessing the local resources of Boulder (trails, clubs, etc.). Many activities help our high school aged person work to develop musculature and movement patterns to protect their joints, avoid injury in the class and assist in avoiding injury in their own sport/activities. The ultimate goal is that each person finds success and enjoyment through their personal fitness improvement, and can convert that into a commitment toward life-time fitness and wellness.

P24 WEIGHT TRAINING 1

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: None

This course is designed to make students aware of various life-time physical activities. Students will improve their fitness level through a variety of activities including weight training, aerobics, cardiovascular conditioning, and circuit training. Information will be given concerning diet, sports, and muscle groups. The five fitness components of cardiovascular endurance, flexibility, muscular strength, muscular endurance, and body composition will be addressed. This course may vary depending upon the interest of the students.

P25 WEIGHT TRAINING 2

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P24 Weight Training 1
 Fee: None

This course is designed to go beyond the general levels and objectives of Wt Training 1. Specific work out programs (including cardiovascular workouts) will be developed to meet the needs of students toward sports participation and intense strength development toward competition. All programs will include the principles of specificity and progression. This advanced training class is designed to go beyond the general levels and objectives of Wt Training 1. Specific workout programs will be developed to meet the needs of students, and will be geared towards training for sports participation and power lifting. Emphasis will be placed on increases in lean muscle mass, muscular strength, muscular endurance, speed, flexibility and agility. Students should be serious about training if they enroll in this course. Weight room etiquette and training ethics will also be included in this course. Weight Training 1 or teacher approval is required.

P28 JOGGING (SPRING ONLY)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: None

This course is for students who would like to improve their fitness, but at their own pace. The speed and distance run is individualized to each student as they go through a gentle and steady process of improving their fitness level. Other fitness activities might include yoga, strength training, cycling and roller-blading. Students will have the opportunity to participate in one or more road races. Boulder High is fortunate to have access to the Boulder Creek Trail, which can also link us to many other trails, so this class enjoys the opportunity to run in several different locations.

P50 ARCHERY

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: Required

Archery requires basic techniques and form to safely enjoy the activity. Students learn how to notch an arrow and shoot for accuracy, as well as, prepare and care for the equipment. Students will have an opportunity to shoot in class competitions.

P51 GOLF

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: Required

Golf requires basic techniques and form to safely enjoy the activity. Students learn the techniques of the full swing, chip, and putt. Students also learn to score using different formats and figure their handicap. Students will have an opportunity to golf on a regulation course.

P54 TENNIS (FALL, SPRING)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: None

The primary goal of this course is to assist students in developing the fundamental skills of playing tennis. Along with beginning skill development, rules, etiquette, and playing strategies will also be emphasized. Students will have the opportunity to apply and improve skills through match play and challenge ladders.

P62 CYCLING (SPRING ONLY)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: None

Students in this course will participate in daily rides on and off road as long as weather permits. Indoor activities will include bicycle maintenance, effective cycling techniques for various conditions, strength and conditioning related to off season training and cycling rules and etiquette. Students will also explore equipment technology and its effect on performance. We will use our extensive trail system to ride all over Boulder, and go to the Valmont Bike Park on our block days. All different skill levels are welcome to join this class. We do have bikes for those who want to be in the class, but do not own one.

P64 CHALLENGE AND ADVENTURE

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: None

The Challenge and Adventure curriculum prepares students to be able to function in a climbing setting. Students participate in numerous activities/games which bring about effective communication, trust, and the ability to problem solve with their peers. In addition, there is a technical phase where students learn and practice the various skills and proper equipment usage involved in climbing. Boulder High has the only high ropes course in BVSD, and our students are fortunate to get to have this as a part of their fall PE offerings. Most students walk away from the course with the thrill of having exceeded their own expectations for what they could do, and make significant connections with their peers as they worked together to create a safe and exciting environment.

P70 TEAM SPORTS

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive P.E.
 Fee: None

The primary goal of this course is to assist students in developing fundamental skills in various team sports. Students will also learn the history of the sport, rules, etiquette, scoring, strategies, and develop fitness needed for success. Sport areas may include: lacrosse, ultimate frisbee, handball, flag football, volleyball, rugby, softball, speedball, soccer, floor hockey, and team handball.

P72 SOCCER

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive P.E.
 Fee: None

Soccer emphasizes the fundamentals skills of the game. Students will learn rules as well as skills. Skills include dribbling, passing, shots on goal, and defensive maneuvers. Aerobic and anaerobic fitness will also be emphasized.

SCIENCE

Each student must earn 10 credits in the Physical Sciences and 10 credits in the Life Sciences. Classes that meet the Physical Science requirement and Life Science requirement are denoted with a (PS) and a (LS) respectively. Students may not change course levels after the first 6 weeks of any semester.

S10 PHYSICAL SCIENCE (PS)

Level: 9
 Course Length: 2 semesters, 10 credits
 Prerequisites: None
 Fee: Required

Physical Science is an inquiry-oriented course involving principles and concepts concerning the physical world. Content areas explored include nature and behavior of matter, atomic theory, chemical and physical changes including bonding and reactions, mechanics, electricity and magnetism, light and sound, and energy. The course emphasizes the study and proper use of fundamental science tools including the metric system, periodic table, graphing techniques and applied technologies. Laboratory activities reinforce concepts and principles presented. Physical Science is an Algebra 1 based course (CO-REC).

S11 PHYSICAL SCIENCE 1

Level: 9-10
 Course Length: 2 semesters, 10 credits
 Prerequisites: None
 Fee: Required

Physical Science 1 and 2 covers the same material as S10 Physical Science, but does it in a two-year period. Physical Science 1 is an inquiry-oriented course involving principles and concepts concerning the physical world. Content areas explored include nature and behavior of matter, mechanics, electricity and magnetism, light and sound, and chemical reactions.

S12 PHYSICAL SCIENCE 2

Level: 10
 Course Length: 2 semesters, 10 credits
 Prerequisites: Physical Science 1
 Fee: Required

Physical Science 1 and 2 covers the same material as S10 Physical Science, but does it in a two-year period. Physical Science 2 is a continuation of Physical Science 1. Physical Science 2 is an inquiry-oriented course involving principles and concepts concerning the physical world. Content areas explored include nature and behavior of matter, mechanics, electricity and magnetism, light and sound, and chemical reactions.

S20 PHYSICAL SCIENCE, ADVANCED (WEIGHTED)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 2 or current enrollment in Algebra 2
 Fee: Required

Physical Science Advanced is an inquiry-oriented course involving principles and concepts concerning the physical world. Content areas explored include nature and behavior of matter, atomic theory, chemical and physical changes including bond-

ing and reactions, mechanics, electricity and magnetism, and energy along with current scientific topics of interest. The course emphasizes the study and proper use of fundamental science tools including the metric system, periodic table, graphing techniques and applied technologies. Laboratory activities reinforce concepts and principles presented. Physical Science Advanced places an emphasis on quantitative analysis whenever applicable in the curriculum. This course requires substantial homework and the ability of a student to learn independently as well as cooperatively.

S31 BIOLOGY (LS)

Level: 10-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: S10 Physical Science or I42 Pre IB Chem/Phys
 Fee: Required

In this college preparatory class students will explore relationships between structure and function in organisms and the interaction of cells and organisms with each other and their environments. Units of study include: use of microscope, cell structure and function, biochemistry, microbiology, classification, human physiology, genetics, evolution, botany and ecology. Laboratory activities reinforce concepts and principles presented. Self-sufficiency and responsibility in work habits required.

S37 BIOLOGY, ADVANCED (WEIGHTED) (LS)

Level: 9-10
 Course Length: 2 semesters, 10 credits
 Prerequisites: S20 Physical Science, Adv or S10 Physical Science
 Fee: Required

Advanced Biology provides the opportunity for students to explore the relationships between structure and function in organisms and the interaction of cells and organisms with each other and their environments at an accelerated pace and in greater depth than S31 Biology. Units of study include: the process of science, including measurement and science safety; the characteristics and chemical basis of life; biochemistry, cell biology; genetics; evolution; taxonomy and classification; immunology and disease; and ecology. Laboratory activities reinforce concepts and principles presented. Advanced Biology requires substantial homework and the ability of the student to learn independently as well as cooperatively. Students should be able to read and write at advanced levels.

S68 AP BIOLOGY (WEIGHTED) (LS)

Level: 11-12 or instructor permission
 Course Length: 2 semesters, 10 credits
 Prerequisites: One year each of chemistry/biology.
 Chemistry may be taken as co-requisite.
 Fee: Required

AP Biology is designed to be the equivalent of a college introductory biology course. The curriculum for this class is the College Board Advanced Placement Biology Curriculum. This course differs significantly from a high school course with respect to the textbook used, the laboratory work done and the time and effort required of the students. The AP examination may be taken at the end of this course.

S32 BOTANY (LS)

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: S31 Biology
 Fee: Required

Botany is the scientific study of plants and their relationship to the environment. In this course students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Laboratory and outdoors experiences complement classroom activities. Students are expected to have taken Biology before taking this course.

S15 FUNDAMENTALS OF ANATOMY & PHYSIOLOGY (LS)

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisite: S31 Biology
 Fee: Required

Fundamentals of Anatomy and Physiology is a semester long course that provides students the opportunity to explore the intricate and sophisticated relationship between structure and function in the human body. The course offers students an environment in which they may probe topics such as Homeostasis, Anatomical and Physiological Disorders, Medical Diagnosis and Treatment, Cytology, Histology and a survey of the remarkable array of Body Systems that comprise the human body. Laboratory activities, including dissection, will re-inforce the concepts and principles presented in the course.

S42 ASTRONOMY (PS)

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: S10 Physical Science
 Fee: Required

This one semester course provides the opportunity to develop knowledge and understanding about the solar system, galaxy, and universe in which we live. Much attention is given to an appreciation for how we have obtained this information about the universe. Students use tools of observation to learn about space themselves and learn how other astronomers past and present have used tools available. Areas of study include: the process of science, including use of the tools used to observe the sky; stellar astronomy and how stars change over time; and planetary astronomy and how interstellar spacecraft are obtaining information about other bodies in the solar system.

S50 CHEMISTRY (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 2 or current enrollment in Algebra 2
 Fee: Required

This course provides the opportunity to develop knowledge and understanding about the relationships between the structure and properties of matter and the interaction of matter and energy. Units of study include: matter and its changes, atomic structure, chemical composition, nomenclature, reactions, stoichiometry, gas laws, periodicity, bonding, molecular geometry, and thermochemistry. Laboratory activities reinforce concepts and principles presented in the course.

S60 ADVANCED CHEMISTRY (WEIGHTED) (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 2 or current enrollment in Algebra 2
 Fee: Required

This course provides the opportunity to develop knowledge and understanding about the relationships between the structure and properties of matter and the interaction of matter and energy. Units of study include: matter and its changes, atomic structure, chemical composition, nomenclature, reactions, stoichiometry, gas laws, periodicity, bonding, molecular geometry, and thermochemistry. Laboratory activities reinforce concepts and principles presented in the course. The advanced course goes beyond the curriculum expectations of the regular course by offering increased depth and complexity. Students are engaged in dynamic, high-level learning.

S66 AP CHEMISTRY (WEIGHTED) (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: M51 and S50 Chemistry or Nomination
 Fee: Required

AP Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first college year. The College Board Advanced Placement Chemistry curriculum is followed. This course differs qualitatively from S50 Chemistry with respect to the textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind and amount of laboratory work done by the students. Students who work diligently will be prepared to take the AP Chemistry Exam upon completing this course.

S61 PHYSICS (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 2 or current enrollment in Algebra 2
 Fee: Required

This course helps students understand the basic physical laws of our world. The course includes: scientific methods and measurement, forces, motion, energy, light, waves, electricity and magnetism. Laboratory work serves to promote understanding and to illustrate the experimental nature of physics. Mathematics is used every day in this course.

S63 PHYSICS, ADVANCED (WEIGHTED) (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Co-requisite Algebra 2
 Fee: Required

Physics Advanced will acquaint students with the basic physical laws of our world. The major areas of study are in measurement, light, waves, motion, forces, energy, electricity, magnetism, and atomic physics. Laboratory work serves to promote understanding and to illustrate the experimental nature of physics. A high degree of skill in algebra and geometry is necessary for success in this course.

S70 AP PHYSICS C (WEIGHTED) (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Co-requisites: M65 Calculus AB or M66 Calculus BC
 Fee: Required

Only students with a high level of motivation and interest in science should take AP Physics C. Typical candidates for this course are students seriously intending to pursue careers in science or engineering. This course will use calculus concepts and technologies to study mechanics and electromagnetism. A superior capability in math is required to succeed in AP Physics C. The textbook provides most of the material necessary to prepare students for the two AP Physics exams, though students working toward these exams need to spend additional preparation time beyond regular assignments.

S81 GEOLOGY (PS)

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: S10 Physical Science
 Fee: Required

This course acquaints students with basic scientific principles that apply to the Earth and our natural environment. Emphasis is placed on current and historical geologic processes of North America with particular emphasis on the Rocky Mountain States and the Boulder area. Laboratory work includes exercises with maps, rock structures, minerals, fossils, and energy resources. New discoveries and environmental issues are discussed. Students are expected to have enrolled in Physical Science prior to taking this course.

S69 AP ENVIRONMENTAL SCIENCE (WEIGHTED) (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: S31, M31; S10 previously or S50 concurrently
 Nomination
 Fee: Required

This introductory college level laboratory and field course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course follows the AP syllabus and students should plan on taking the AP exam in May. Students will learn to identify and analyze natural and human-made environmental problems, to evaluate the associated risks, and to examine the various alternative solutions for resolving or preventing the problems. The following themes will be covered: the interdependence of the earth's systems; human population dynamics; renewable and non-renewable resources; environmental quality; and the environment and society.

S98 RESEARCH SEMINAR IN SCIENCE (WEIGHTED)

Level: 10-12
 Course Length: One Year, 10 credits
 Prerequisites: S10 and S31 or nomination
 Fee: None

This highly structured year-long science research course of scientific research and scholarship as part of their high school experience.

This program directly addresses student need to perform hands-on scientific research. It requires students to identify their own topic of research; read relevant and appropriate scientific literature; create testable hypotheses; design, analyze and discuss results. Each student will have the opportunity to enter his or her research into local, state and national competitions, and present his or her work as a Power Point talk at the District Science Symposium. Students will ultimately write a publication-quality manuscript of their research.

V47 WATER FOUNDATIONS

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: M31 Algebra1, 1 year of science
 Fee: None

Graduation Requirement: Practical Experience Other

This course is a comprehensive overview of the water industry, source to creek. The course framework is based on Need to Know Criteria established by the Association of Boards of Certification (ABC). This course will emphasize foundation knowledge, workplace skills, work ethic, safety training (lab, field, industrial), career development skills and review of key math/science concepts. There are nine units, one per week, each having background information as well as the local specific information for that specific area of utility work. The goals of the course are to provide a basic understanding of water, the water industry, and the variety of jobs and skills needed to work in the water industry.

V48 ESSENTIALS OF WASTE WATER COLLECTION

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: V47 Water Foundations
 Fee: None

The course is a comprehensive overview of wastewater collection systems and operations. It is a hands-on interactive experience and will prepare the student for level one wastewater collections certification testing. The course framework is based on Need to Know Criteria established by the Association of Boards of Certification (ABC).

V49 ESSENTIALS OF WATER DISTRIBUTION

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: V47 Water Foundations
 Fee: None

Graduation Requirement: Practical Experience Other

This course is a comprehensive overview of water distribution systems and operations. It is a hands-on interactive experience and will prepare the student for level one water distribution certification testing. There are nine units, one per week, each having background information as well as the local specific information for that specific area of utility work. Mathematics and safety will be integrated within each unit.

SOCIAL STUDIES**T21 UNITED STATES HISTORY**

Level: 11
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

This is a chronological course focusing on political, economic, social and cultural concepts of United States history. The course concentrates on the study of US History in the 20th century. First semester covers a review from the colonial period to 1890 and then a more indepth study from industrialization to WWI. Second semester focuses on 1920 to the present day.

T38 AP UNITED STATES HISTORY (WEIGHTED)

Level: 11
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

Advanced Placement U. S. History is an intensive study of our national heritage. Included in the course are college level reading, writing, analysis, critical thinking, and historiography. Many colleges will grant college credit in American History if a student earns "3" or better on the Advanced Placement Exam given in the spring. This class meets the requirement of one year of United States history.

T41 WORLD HISTORY

Level: 10
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

World History is a chronological, thematic, and comparative study of the major cultures of all regions of the world; Historical research skills are an important, required component of the course. Primary source materials (readings, art, artifacts, etc.) should be integral components of each unit. Students will study 1450 - present.

T54 AP WORLD HISTORY (WEIGHTED)

Level: 10
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

Taking the AP exam is a class expectation

Advanced placement world history is a year long, chronological, and thematic university level course designed for disciplined and intellectually curious students. Major course themes include: Interaction among major societies (i.e., trade, diplomacy, war); Impact of technology and demography on peoples and the environment (e.g., population growth and decline, diffusion of diseases, migrations, economic activities and systems); Comparative systems of social and gender structure; comparative cultural and intellectual developments;

Changes in function and structures of states. College level reading, critical analysis, discussion, problem solving, debates, essays, historiography, research, and computer labs are integral components of the course. Many colleges grant one year of college credit for World History if a student earns a "3" or better on the Advanced Placement Exam given in the spring.

T37 UNITED STATES GOVERNMENT

Level: 9
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course presents the basic concepts of American government from pre-revolutionary days to the present time. The functions of national, state, and local governments and their relationships to the citizens of the United States are covered. Various governmental problems at all levels of government are presented. The responsibilities and obligations of both the citizen and the government to each other are an integral part of this course.

T87 AP US GOVERNMENT & POLITICS (WEIGHTED)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

Advanced Placement US Government and Politics is an intensive study of federal, state and local government. Students study the constitution, the operation of the different branches of government and the role of citizens in the democratic process. Foreign affairs, and the role of the media and political campaigns will also be addressed in this course. Most universities will grant college credit in American Government for students that score a "3" or higher on the Advanced Placement exam given in the spring. This class meets the requirement for one semester of U. S. Government.

T60 WORLD GEOGRAPHY

Level: 9
 Course Length: 1 semester, 5 credits
 Prerequisites: None

World Geography provides the skills and tools of spatial analysis to better understand the patterns of people, landscape and natural phenomena of the Earth. Geography as a spatial perspective has much more to do with asking inquiry questions and solving problems than it does with rote memorization of isolated facts. The topics of study reflect the Five Themes of Geography and the Geography Content Standards. The topics include local and world regions, climates, ecosystems, population issues, resources, international trade, environmental issues, natural hazards, geographic tools and technology.

T68 AP HUMAN GEOGRAPHY (WEIGHTED)

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

A.P. Human Geography is a one semester, university level introduction to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students use geographic concepts, theories, text, computer labs, and readings to analyze the following world and U.S. issues from a geographic perspective, including their environmental consequences. Units include: population, the political organization of space, cultural patterns, economic development, urbanization, and agriculture.

T75 AP MACROECONOMICS (WEIGHTED)

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None; taking AP Microeconomics in the same year is recommended
 Fee: Required

AP Macroeconomics provides students a thorough understanding of the principles of economics that apply to an economic system as a whole. Particular emphasis will be placed on the study of supply, demand, inflation, banking, money, monetary policy, fiscal policy, unemployment, interest rates, imports and exports. The course will also develop the student's understanding of economic performance measures, economic growth and international economics. Many colleges will grant college credit in Macroeconomics if a student earns a "3" or better on the Advanced Placement Exam given in the May. Some colleges require students to earn a "3" on both the Macroeconomics and the Microeconomics AP exams to receive credit. Satisfies the Practical Experience/Money Management graduation requirement.

T77 AP MICROECONOMICS (WEIGHTED)

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None; taking AP Macroeconomics in the same year is recommended
 Fee: Required

AP Microeconomics provides students a thorough understanding of the principles of economics that apply to firms within an industry. Particular emphasis is placed on supply and demand, types of competition, profit and loss, theories of revenue, theories of costs, and the impact of firms on society and the environment. The course will also develop students' understanding of how businesses make decisions. Many colleges grant college credit in Microeconomics to students who earn a "3" or better on the AP exam given in May. Some colleges require students to earn a "3" on both the Microeconomics and Macroeconomics exams to receive credit. Satisfies the Practical Experience/Money Management graduation requirement.

T80 PSYCHOLOGY

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

Psychology is designed to provide students with a fundamental understanding of the science of human behavior. This class will present students with a basic view of the field of study and will cover theories of personality, mental, emotional and physical development as they relate to the understanding of behavior.

T81 AP PSYCHOLOGY (WEIGHTED)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

T84 SOCIOLOGY

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None

This course examines the science of understanding society and group behavior. Emphases will be on society's culture, institutions, and organizations. Students will examine values and norms, socialization, social change, social problems, and contemporary issues.

T85 AP EUROPEAN HISTORY (WEIGHTED)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

Advanced Placement European History is an intensive study of history designed for above average students. The time period covered is approximately 1450 to 1970 – the high Renaissance to the recent past in Europe. Included in the course are college level reading, research, writing, critical thinking, and historiography. Special attention is paid to revolutions, the plague, art history, literary history, economic changes, fascism, the holocaust, world wars, and the formation of the European Union.

SPECIAL EDUCATION REGISTRATION INFORMATION

Students who have Individualized Education Plans (IEP) will register for courses with the assistance of their special education case manager so that their educational program is consistent with the goals and objectives of their IEP. The program may consist of regular education courses with instructional accommodations and courses provided in the regular education class with a modified curriculum. Please work with your special education case manager to complete your course selection.

WORLD LANGUAGES

All BVSD students are required to complete 10 credits of a foreign language level 2 or higher for graduation from high school. Boulder High School recommends that all interested students continue with their foreign language studies beyond level 2. Advanced Placement courses are available in all of the foreign languages that we offer. Proficiency in a foreign language is especially recommended for college-bound students. It is a requirement for admission to many colleges and a requirement for a degree from most. High school grades of "C" or higher meet college entrance requirements. Lab and test fees will be required.

MIDDLE LEVEL

Level 1A and Level 1B of a given language at the middle school level or earlier are equivalent to Level 1 at the High School. Level 2 at both the middle level and the high school are equivalent. Completion of Level 2 at the middle school level (grade of "B" recommended) enables a student to enroll in Level 3 courses at the high school level.

HIGH SCHOOL

College preparatory students should take a minimum of three levels in the same foreign language. It is recommended that students pursue their foreign language studies throughout high school.

RECOMMENDED WORLD LANGUAGE SEQUENCE

The chart below is to be read from the bottom up starting where language study began/begins

Level 5	Grade 12			
Level 4	Grade 11	Grade 12		
Level 3	Grade 10	Grade 11	Grade 12	
Level 2	Grade 9	Grade 10	Grade 11	Grade 12
Level 1		Grade 9	Grade 10	Grade 11
Level 1B	Grade 8			
Level 1A	Grade 7			

F49 INTEGRATED LATIN 1

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: None

The purpose of this course is to teach students the basic features of the Latin language and to help them understand the profound impact of Latin roots on the English language. Students study the Latin language as the base of Romance languages. They learn about Roman culture in relation to other cultures and explore the many ways in which Latin has had an impact on various disciplines. Students learn the traditional forms and syntax. Extensive practice is provided for recognizing noun, adjective, and verb endings to support reading skills. Modifications and accommodations are made according to the students' specific needs.

LEVEL 1:

F11 FRENCH 1 **F56 JAPANESE 1**
F31 GERMAN 1 **F71 SPANISH 1**
F51 LATIN 1

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: None
 Fee: Variable by language

Level 1 introduces students to the specific foreign culture and to the four basic language skills: listening comprehension, speaking, reading and writing. Students acquire skills through oral repetition, dialogues, short compositions, dictations, reading, and written exercises.

LEVEL 2:

F12 FRENCH 2 **F57 JAPANESE 2**
F32 GERMAN 2 **F72 SPANISH 2**
F52 LATIN 2

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Level 1
 Fee: Variable by language

Level 2 furthers the study of grammar, vocabulary and an understanding of the foreign cultures through movies, videos and magazines. Students improve listening, speaking, reading and writing skills. Students begin to develop reading comprehension skills through short stories, plays and poetry.

LEVEL 3:**F13 FRENCH 3****F33 GERMAN 3****F53 LATIN 3**

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Level 2 with a grade C or better strongly recommended
 Fee: Variable by language

Level 3 reviews basic grammatical structures and continues the study of grammar, vocabulary, and culture. Students further develop skills in understanding reading, speaking, listening and writing through short stories, poetry, articles, oral presentations, regular use of the language lab and written exercises when applicable. Students read one unabridged work.

LEVEL 4 (WEIGHTED):**F19 FRENCH 4****F60 JAPANESE 4****F39 GERMAN 4*****F79 SPANISH 4**

Level: 10-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Level 3
 Fee: Variable by language

Level 4 (weighted) is taught exclusively in the specific World Language. It explores more advanced topics in advanced composition and conversation, with an emphasis on refining and integrating advanced grammar into daily communication. Emphasis will be placed on comprehension as it is spoken by educated native speakers. Students will study appropriate verbs, structure, vocabulary, idioms and cultural understanding necessary to perform basic communicative functions at the advanced level. *Seniors in German 4 with an "A" grade and strong language skills are encouraged to take the AP exam with Level 5 students.

F55 AP LATIN 4 VERGIL (WEIGHTED)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Latin 1, 2, and 3

Latin 4 will follow the AP syllabus for Latin:Vergil. Students will practice reading, translating, and analyzing texts within their historical context. AP Vergil teaches students to read, translate, understand, analyze and interpret selected lines of Vergil's epic poem the Aeneid. The Aeneid as a whole will be read in translation. Translation exams, analytic essays, and commentary are required components of the class; the Advanced Placement Latin:Vergil exam is optional, but strongly encouraged.

F66 AP JAPANESE 5 (WEIGHTED)

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Level 1 - 3, or Nomination

Advanced Placement Japanese is designed as a challenging course that focuses on mastery in reading, writing, and speaking the language. Students read short stories and other authentic material. Students develop computer skills in Japanese. The Advanced Placement Language exam is optional, but students who perform well on the test may earn college credit for a one-year college-level course.

LEVEL 5 (WEIGHTED):**F26 FRENCH****F85 SPANISH F46 GERMAN**

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Level 4
 Fee: National Exam

Level 5 teaches mastery in reading, writing, and speaking the language following the College Board required guidelines. Students read short stories, plays, and novels. They may participate in extracurricular activities using the foreign language. The Advanced Placement Language Exam is optional, but students who perform well on the test may earn college credit for this one year college-level course. This course follows the College Board AP syllabus.

F75 SPANISH 310

Level: 9-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Level 2 or Nomination
 Fee: Required

This class is provided for students with advanced skills in **speaking, reading, and writing**. There will be a review of grammatical structures in order to explore a variety of written and oral expression. There will be readings, written work, projects and presentations for the student who is ready to advance with an **academic focus**. It will move at a faster pace and cover material more in-depth than Spanish 3. Permission of a Boulder High Spanish instructor is required as well as demonstrated proficiency on the Boulder High Spanish Placement Exam.

F87 AP SPANISH LITERATURE (WEIGHTED)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Spanish 4 or 5 AP, or Nomination

Spanish Literature is a panoramic survey of Spanish and Latin American Literature, encompassing works from the thirteenth to the twenty-first centuries. Unabridged literary works studies include poems, essays, plays, short stories, and novels. The class is conducted exclusively in Spanish. At the end of the year all students may take and earn college credit if they perform well on the AP Spanish Literature Exam (optional).

Notes



Notes

Notes

CHECKLIST OF GRADUATION REQUIREMENTS

NOTE: It is the student's responsibility to ensure that all graduation requirements are met.
Utilize this form and your transcript to make sure you have enrolled in the required courses.

<i>Graduation Requirement</i>	<i># Credits Required</i>	<i>Enter Names of Courses Completed to Meet Requirements</i>	<i># Credits Completed</i>	<i># Credits Still Needed</i>
9th Grade L.A.	10			
World Lit & Comp	10			
Am Lit & Comp	10			
Communication	5			
L.A. Elective	5			
World Geography	5			
U. S. Government	5			
World History	10			
U.S. History	10			
Algebra 1 or higher	10			
Mathematics	10			
Life Science	10			
Physical Science	10			
P.E.	15			
Health	5			
Fine Arts	5			
Second Language	10			
Practical Experience	5			
Computer				
Finance				

Total Graduation Credits for Grades 9-12 = 220
Credits Required in Grades 11-12 = 100

Total Earned

Total needed to graduate

Notes

Boulder High School 2013-2014

COURSE REQUEST FORM

Name: _____ Grade Next Year: _____

1 Semester = 5 credits grades 9-10 minimum 60 credits grades 11-12 minimum 50 credits

		Course Code	Class Name	Teacher Sig.
LA	Semester 1			
	Semester 2			
Soc Studies	Semester 1			
	Semester 2			
Math	Semester 1			
	Semester 2			
Science	Semester 1			
	Semester 2			
World Lang	Semester 1			
	Semester 2			
Elective				
Elective				
Elective				
Elective				
Alternative				
Alternative				

**We understand that the courses we are choosing cannot be changed at a later date.
These courses are only requests and cannot be guaranteed in your schedule.**

Student Signature _____ Parent Signature _____

****You must choose 2 alternative elective courses!**