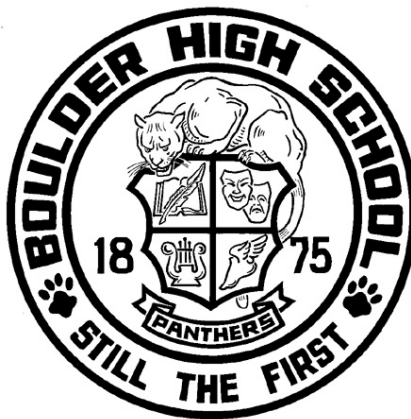


2011-2012

BOULDER HIGH SCHOOL

Course Description Booklet



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<http://schools.bvsd.org/boulderhigh>

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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 electives 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/U.S. Studies, 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:

B41 Business Foundations

H50 Living on Your Own (2 semesters)

B42 Finance

T75 AP Macroeconomics

B52 Accounting 1

T77 Microeconomics

B60 Business Management

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 or TEC computer class

***If Money Management/Personal Finance is completed online and the Computer Requirement is met in middleschool 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).

GRADING SCALE

- A - exceptional accomplishment
- B - high accomplishment
- C - average accomplishment
- D - low accomplishment
- F - NC, accomplishment less than needed for credit
- I - incomplete, must be completed within 15 school days or will become an F
- WP - withdraw pass; on transcript, not included in GPA
- WF - withdraw fail; on transcript, not included in GPA

ACADEMIC SANCTIONS

In accordance with the school's attendance policy, unexcused absences may result in loss of credit. Students and parents should carefully review this policy in the Student and Parent Handbook.

BHS WEIGHTED COURSES

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

American Studies Advanced
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 Latin Vergil
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
Physical Science Advanced
Physics Advanced
Research Seminar in Science

AP Computer Science A & AB
C++ Computer Programming
C++2 Advanced Computer Programing

AP Music Theory
AP Art History

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.

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 0	= 0
E = 1	x 5	= 5
	30	55

55/30 = 1.80 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 0	= 0
	25	70

70/25 = 2.80 weighted GPA

COLLEGE PREPARATION

ROLE OF THE COUNSELOR

Counselors meet with freshmen and sophomores in groups and with juniors and 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 your student's junior year. Senior credit checks should be completed by November 1 of the senior year. Students are responsible for scheduling these appointments. We are happy to schedule these at a time where parents and students can attend together.

During both the junior and senior interviews, 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 testing requirements at each college/university to which you plan to apply as they vary greatly.
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 SAT 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 Page 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 year
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.

American College Test (ACT): The ACT 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 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 6 courses each semester. Junior and senior students must take 5 courses each semester. **A student must have administrative approval to take fewer than 5 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 6 classes each semester for 9th and 10th graders and 5 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 their official transcript.

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

The third day of the semester is the last day to add or change elective courses as long as there is room in the class.

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 and cannot fail/lose more than 5 credits.

There are additional conditions for athletic eligibility. Please contact the Athletic Director or consult the *Athletic Department's* web site: <http://schools.bvgsd.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. INFORMATION IS AVAILABLE IN THE MAIN OFFICE.

NCAA APPROVED COURSES OFFERED AT BHS

LANGUAGE ARTS

Acting
Acting II
Competitive Forensics
American Lit. & Comp.
American Studies
American Studies Advanced
AP English Language & Comp.
AP English Literature
Biblical Literature/
 Old Testament
Communication in Society
Senior Composition
Creative Writing
Discussion & Debate
Film Literature
Freshman Language Arts
Freshman Language Arts
 Advanced
Intro to Theatre
Journalism
Journalism Advanced
Mythology
Public Speaking
Readers Theatre
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 2
Calculus 3
Discrete Math
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

American Studies
American Studies Advanced
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
Spanish 1-4
Spanish 5/AP
Spanish Literature/AP
Understanding Diversity

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.

CORRESPONDENCE COURSES

Students can only earn credit via correspondence classes for up to 15 credits toward graduation, and all correspondence classes must be transcribed as letter grades. Credit should only be awarded from accredited correspondence schools (see BVSD Board regulation JECD-R).

POST-SECONDARY ENROLLMENT OPTIONS

Colorado law (HB 1326) provides high school students in the eleventh and twelfth 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 sixty 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 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.bvbsd.org.

TECHNICAL TRAINING

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

Please refer to pages at the back of this booklet for descriptions of offerings available at CTE (courses subject to change).

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 undertake 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 has been administered since 1955 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 Educational Testing Service (ETS).

What Advanced Placement courses are offered at BHS?

Boulder High School prepares students for 28 different AP Examinations:

Mathematics

Calculus AB
Calculus BC
Statistics

Social Studies

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

Science

Biology
Chemistry
Physics C
Environmental Science

Language Arts

English Language
English Literature

The Arts

Art History
Music Theory

World Languages

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

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 should 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 (Source: *A Secondary School Guide to the Advanced Placement Program*, 1996).

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 (Source: *Facts about the AP Program*, 2000).

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 prerequisites. Some AP classes have no prerequisites, such as AP Language and Composition, AP English Literature 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. Other AP classes at BHS have prerequisites that follow a logical content-specific sequence. 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

FRESHMAN COURSE PLANNER

Course #	Credits	Course Name
	10	(Language Arts) Freshman Language Arts
	10	(Math)
	10	(Physical Science)
	10	(Social Studies)
P20	5	(Physical Education) Comprehensive P.E.
		(Electives)
Total Credits		Freshmen are required to take a minimum of 30 credits <i>per semester</i> (6 classes).

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
A61	Pottery/Sculpture 1
A62	Pottery/Sculpture 2
A71	Photography 1
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

COMPUTER SCIENCE ***

D77	Java Programming
D80	Mastering Computer Applications
D86	C++ Programming , Weighted
D87	Internet/Web Page Applications

DESIGN TECHNOLOGY ***

J10	Drafting
J25	Design Technology 1 (Fall)
J26	Design Tech. 2 (Spring)
J37	Robotics in the 21st Century

ENGLISH AS A SECOND LANGUAGE

(Teacher Placement)

LA2	ESL 2
LO6	Freshman Language Arts 1&2, Sheltered
LA0	Study Skills, Sheltered
LA3	ESL 3

FAMILY & CONSUMER SCIENCE***

H20	Catering 1
H30	Fashion Production

LANGUAGE ARTS & THEATRE

L08	Freshman Language Arts
L11	Freshman Language Arts, Advanced, Weighted
L32	Readers' Theatre
L35	Introduction to Theatre

L39	Competitive Forensics
L46	Video & Film Production
L50	Readers' Workshop
LE 7	Yearbook
LE 8	Play Production

MATH

M70	Senior High Math Clinic (teacher placement)
M18	Algebra 1A
M32	Algebra 1B
M31	Algebra 1
M35	Algebra 1 Advanced
M55	Algebra 2, Advanced
M41	Geometry
M43	Geometry Advanced, Weighted

MUSIC **

N33	AP Music Theory, Weighted
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 (Jazz Unlimited)+
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
P28	Jogging (Spring Semester)
P50	Archery
P51	Golf
P54	Tennis
P62	Cycling (Spring Semester)
P64	Challenge and Adventure
P70	Team Sports
P72	Soccer

SCIENCE

S10	Physical Science
S20	Physical Science, Advanced, 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

Freshman must pass entrance exam to take level 3 in any language.

OTHER ELECTIVES

X51	Avid 9 (Teacher Rec. & Interview)
X100	Adalante (Teacher Rec.)
X19	Advisory Program (Teacher/Counselor Rec.)

+ Audition Required
 ** Courses satisfying Fine Arts credit requirements.
 *** Courses satisfying Practical Experience credit requirements.

PROGRAMS OF STUDY

ART

(Meets Fine Arts Requirement)

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 at 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 fee of \$20 to cover the use of all materials.

Scholarships are available for all art classes.

A35 FOUNDATIONS IN ART

Level 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: \$20

Students can expect a wide variety of two-dimensional and three-dimensional experiences in this 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, papier-mâché, wire, tooling metal, scratchboard, mixed media and others.

A41 DRAWING & PAINTING 1

Level 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Approximately \$25

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 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A41 Drawing & Painting 1 or A35 Foundations in Art recommended. Basic drawing skills necessary.
 Fee: \$25

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 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A41 and A42 Drawing & Painting 1 & 2. Other art courses also recommended prior to taking this course.
 Fee: \$25

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 will be expected.

A44 DRAWING & PAINTING 4

Level: 11-12
 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: \$25

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 will be expected.

A55 STUDIO ART 1

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: Approximately \$20

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: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A55 Studio Art 1
 Fee: \$20

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 will be expected and more advanced assignments will be given. Students may be directed individually or as a class group.

A57 STUDIO ART 3

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A55 and A56 Studio Art 1 & 2
 Fee: \$20

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 will be 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: 11-12
 Course Length: 1 – 4 semesters, 5 credits per semester
 Prerequisites: Highly successful completion of 2 levels of any art course, plus teacher recommendation.
 Fee: \$20

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 (WEIGHTED)

Level: 10-12
 Course Length: 2 semester sequence, 5 credits per semester
 Prerequisites: None
 Fee: \$25

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.

A110 DIGITAL ART AND DESIGN 1

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: \$30

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: \$30

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: \$20

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 nonfunctional 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: \$20

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: \$20

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: \$20

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: \$35

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

A72 PHOTOGRAPHY 2

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A71 Photography 1
 Fee: \$35

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: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A71 and A72 Photography 1 & 2
 Fee: \$35

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: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisites: A71, A72, A73 Photography 1, 2 & 3
 Fee: \$35

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**

(Meets Practical Experience credit requirement)

Business Pathways

You may obtain a certificate of completion by taking the classes in the pathways listed below.

Accounting Pathway

Accounting B52- (required) plus 2 of 4:
 Business Foundations B41
 Finance B42
 Business Law B44
 Marketing B80

Office Administration Pathway

Word Processing 1 B11 - (required) plus 2 of 3:
 Mastering Computer Applications D80
 Word Processing 2 B12
 Business Management B60

Business Management Pathway

Business Management B60- (required) plus 2 of 5:
 Business Law B44
 Business Foundations B41
 Finance B42
 Accounting B52
 Marketing B80

B11 WORD PROCESSING 1

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

This semester course is a review of the keyboard on an individual basis with emphasis on mastery in speed, accuracy, personal business letters and simple tabulation.

B12 WORD PROCESSING 2

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: B11 Word Processing 1

This semester course will place emphasis on production of letters, manuscripts, tabulations, skill building, and employment applications, modern office communications and a strong emphasis on speed and control development.

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. Use basic 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! Learn how to use the computer as a tool as you formulate and present your business 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 also start a class business through Junior Achievement and potentially make real money! Units of instruction may include: forms of business ownership, marketing, finance, human resources and small business management. Students will 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 Practical Experience/Money Management graduation requirement.*

B42 FINANCE

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

This one semester course is designed to help students de-

velop their abilities to make wise consumer decisions by recognizing, understanding, and comparing the alternatives facing them as consumers. Budgeting, purchasing decisions and consumer credit, banking services, investing, life, auto, and property insurance, income taxes and housing are some of the topics covered. *Satisfies the Practical Experience/Money Management graduation requirement.*

B44 BUSINESS LAW

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

This one semester course is for students interested in acquiring basic knowledge of the legal framework of our society. The content may include history, development, and classification of laws; personal and business law related to everyday life; contract law; the court system and courtroom procedures; legal terminology; and crime classification.

B52 ACCOUNTING 1

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

This is a one semester introductory course in double entry accounting procedures. Students will learn to keep financial records for a service or retail business. Students will use the Quickbooks Pro financial software package to make book-keeping entries and prepare financial statements. Computers will be used for simulation and projects. *Satisfies the Practical Experience/Money Management graduation requirement.*

B60 BUSINESS MANAGEMENT

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

Students apply the management principles of planning, organizing, directing and controlling by forming and managing their own companies. A computerized management simulation is used to process decisions and provides students with weekly printouts showing sales, profits, and financial conditions. Students learn to use computers for preparing presentations, weekly cash flow projections, selling price spreadsheets, and annual reports to stockholders. *Business Management is a unique one-semester course that teaches the basics of business management through a hands-on approach that 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 tasks, students learn how to apply the five business management principles of planning, organizing, staffing, leading and controlling by actually putting these principles into practice. In addition, by using the business team approach, the students learn the benefits of cooperative learning and have an opportunity to develop leadership skills as well. The hands-on management tasks will be supplemented and enhanced by the use of guest speakers, educational videos and other materials. Students may also have the opportunity to apply the business management principles they have learned by par-*

ticipating in a computer based management simulation, in cooperation with Junior Achievement. Satisfies the Practical Experience/Money Management graduation requirement.

B80 INTRODUCTION TO 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 economics, sales, product/service planning, promotion/ advertising, market research logistics, human relations, communications and marketing career development.

X68 CAREER INTERNSHIP

Level: 12
 Course Length: 1 semester, 5 credits
 Prerequisites: Interview with Instructor

This one semester course is designed to assist students in exploring potential career opportunities as well as developing workplace and practical skills. Students will have the opportunity to work as interns and/or shadow someone who is working in the field of interest off campus. A significant portion of the class will focus on immersing the student in their career field of interest off-site. The curriculum will include analyzing personality traits and characteristics, researching career interests, setting realistic goals, completing job applications, interviewing, the importance of integrity, accountability and teamwork, leadership skills and accessing community resources. Students will be required to participate in an interview process prior to enrolling in the course.

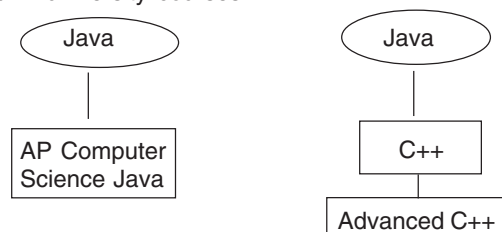


COMPUTER SCIENCE

(Meets Practical Experience credit 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 Internet web design, desktop publishing, mastering computer applications, Java programming and Visual Basic programming.

To receive a certificate in Multimedia:

D80 Mastering Computer Applications (required) plus 2 of 3:
 Desktop Publishing B13
 Internet Web Page D87
 Java D77

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

D80 MASTERING COMPUTER APPLICATIONS

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

This introduction to microcomputers and data processing provides an understanding of how computers affect our daily lives. Topics include computer technology, word processing, electronic spreadsheets and databases, desktop publications, graphics and multimedia presentations and communications. In addition, students will learn to make short movies using Movie Maker and i-movie.

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 one of several choices for the prerequisite to D78 AP Computer Science Java and/or D86 C++ Programming.

D78 AP COMPUTER SCIENCE JAVA (WEIGHTED)

Level: 10-12
 Course Length: 2 semesters, 5 credits per semester, weighted
 Prerequisites: D77 or D81 or teacher recommendation

This course prepares students for the AP Computer Science test. Advanced coursework in data types, variables, and arithmetic; strings, arrays, graphics, and methods and constructions, etc. This course emphasizes Object-Oriented programming using the Java programming language. Students learn how to design and implement programs using abstract thinking and good software engineering techniques. Topics include input/output, data types and typecasting, class and method implementation, control structures, objects, inheritance, file access, recursive programming, sorting and searching algorithms, and data structures. Students that take this course will prepare to take the AP Computer Science A exam.

D86 C++ PROGRAMMING (WEIGHTED)

Level: 9-12
 Course Length: 2 semesters, 5 credits per semester, weighted
 Prerequisites: D77 or D81 or teacher recommendation

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. Programs include windows, 2D graphic and game programs.

D87 INTERNET/WEB PAGE DESIGN

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

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 Dreamweaver, Flash, Photoshop and i-life.

**DESIGN TECHNOLOGY**

(Meets Practical Experience credit 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 fabrica-

tion 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.

J10 DRAFTING

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

Drafting is the root of all industry. This entry-level, project based class will expose the student to AutoCAD, 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: J10 or teacher recommendation
 Fee: \$20 per semester

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.

J25 DESIGN TECHNOLOGY 1

Level: 9-12
 Course Length: Fall semester, 5 credits
 Prerequisites: None
 Fee: \$20

This course can be taken multiple times for credit. The Design Tech lab offers a unique opportunity to experience a hands-on approach to current technology. Students are exposed to several areas, including: design in Video Editing, Animation and Graphics, Plastics, CAD/CAM, Digital Electronics, Music Editing, Website Design, Vinyl Sign-Making and Laser Engraving. After students complete introductory projects, further exploration in a selected field will take place as they expand their learning through various intermediate 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: \$20

This second level of Design Tech lab offers opportunities to expand the student's hands-on approach to current technology. After students are exposed to several areas of design, they may advance their studies in Video Editing, Animation and Graphics, Plastics, CAD/CAM, Digital Electronics, Music Editing, Website Design, Vinyl Sign-Making and Laser Engraving. Students will further advance their studies in complete selected fields which will expand their learning through intermediate and advanced self-initiated projects. This course can be taken multiple times for credit, or students may advance to higher level courses available through the program. One semester. 5 credits. *"A high tech art class" is the best way to describe Design/Tech.*

J37 ROBOTICS IN THE 21ST CENTURY

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

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. Emphasis will be on the creation of a robotics team to represent Boulder High at local, regional and national events such as the FIRST robotics competition.



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.

advanced/AP class; *application, interview, 2.0-3.5 GPA*

X19 ADVISORY PROGRAM / ACADEMIC SUPPORT CENTER

Level: 9
 Course Length: 1 or 2 semesters, 5 credits per semester
 Prerequisite: Placement by Counselor Approval

Students requiring tutoring or special assistance on a regular basis can be enrolled 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.*

X51 AVID 9 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

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

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. *Specifics for AVID 9 - Supports acquisition 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 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

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*

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 the program include: field trips to places of educational and cultural interest and tutoring by college students. *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 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

Level: 11
 Course Length: 2 semester sequence, 10 credits
 Prerequisite: Concurrent enrollment in one or more

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 the program include: field trips to places of educational and cultural interest and tutoring by college students. *Specifics for AVID 11 - Emphasis on individual research and college prep/college readiness.*

X54 AVID 12 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

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*

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 the program include: field trips to places of educational and cultural interest and tutoring by college students. *Specifics for AVID 12 - Emphasis on collaborative research and college prep/college readiness.*

X56 10TH GRADE AVID TRANSITION (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

Level: 10
 Course Length: 2 semester sequence, 10 credits
 Prerequisite: Teacher Approval

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, the Main Office or with individual teachers. Applications are available only in the counseling office. Students who are interviewed and selected will serve as a valuable resource to these teachers and 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.

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.**

X100 ADELANTE (Programa De Ayuda Académica En Español)

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

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.

PANTHER TV (PTV)

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

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.



ENGLISH AS A SECOND LANGUAGE

ESL Programs

In order to meet the needs of English Language Learners, a variety of ESL and sheltered instruction courses are offered to support students. Sheltered instruction is a method of delivering instruction to students to make content more comprehensible. Both language and content objectives are planned into the curriculum. The content objectives are based upon the standards, benchmarks, and curriculum for the academic content area being taught. Sheltered instruction incorporates the use of a variety of techniques including modeling, demonstrations, graphic organizers, visual aids, vocabulary previews, predictions, cooperative learning, peer tutoring, multicultural content, and other high-quality teaching techniques. There is a focus on student engagement and interaction with the teacher, with other students, and with the text as well as the frequent use of supplementary materials to support the core academic text.

Some of the courses that are identified as ESL and sheltered are for English Language Learners (ESL students) only. These courses include:

L06	Freshman Language Arts (sheltered)
L49	World Lit & Comp (sheltered)
L65	American Lit & Comp (sheltered)
LA0	Study Skills Sheltered
LA2	ESL 2
LA3	ESL 3

Sheltered instruction can be provided in many other courses that are not identified as sheltered when the needs of the students who are enrolled in them require educational support. Students should work with their ESL teacher and/or counselors to discuss these alternatives.

LA1 ENGLISH AS A SECOND LANGUAGE 1

(Offered at the Newcomer Pathways Program on the Arapahoe Campus)

Level: 9-12
 Course Length: 1 or 2 semesters, 10 credits per semester
 Prerequisite: No previous study of English, or Departmental Recommendation

ESL-1 emphasizes listening, speaking, reading, and writing. Students study practical English vocabulary and sentence structure. They develop reading and writing skills through participation in acculturation activities. Students will learn skills applicable to content area classes. This is a two-hour block class. Credit in this course will count toward the Language Arts requirement.

LA2 ENGLISH AS A SECOND LANGUAGE 2

Level: 9-12
 Course Length: 2 semesters, 10 credits per semester
 Prerequisite: LA1 English as a Second Language 1 or Departmental Recommendation

ESL-2 emphasizes listening, speaking, reading and writing. Students study vocabulary, grammar, literary terms, pronunciation and cultural awareness. The class also emphasizes reading comprehension and writing development. In addition, students will learn skills applicable to content area classes and technology. Credit in this class will count toward the units required in Language Arts. This is a two-hour block class.

L06 FRESHMAN LANGUAGE ARTS - SHELTERED

Level: 9
 Course Length: 2 semester sequence, 10 credits
 Prerequisite: Departmental recommendation

In this course, students are exposed to various literary genres in order to think critically and write effectively. Students develop paragraph and essay writing skills as they improve their grammar, usage and spelling. Students study literary devices to enhance their comprehension and enjoyment of reading, as well as to sharpen skills in written and oral communication. Vocabulary building and ongoing use of research skills is emphasized. Audio-visual materials and technology are used to aid language comprehension.

LA0 STUDY SKILLS - SHELTERED

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

This class is for ESL students who need help in their academic classes and technology skills. Offered throughout the day, study skill strategies and techniques appropriate to the ELL (English Language Learner) student are implemented and applied on an individual basis to academic assignments. Students may work on homework with tutors and teachers. Supplemental materials are available for students. Teachers for this class keep in contact with the students' academic course teachers to monitor their progress.

LA3 ENGLISH AS A SECOND LANGUAGE 3

Level: 9-12
 Course Length: 2 semester sequence, 10 credits
 Prerequisite: Teacher recommendation and/or test scores

ESL Language Development emphasizes a variety of communication skills: listening, speaking, reading and writing. This class will provide a necessary bridge for students between ESL 2 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.

L49 WORLD LIT. & COMPOSITION - SHELTERED

Level: 10-12
 Course Length: 2 semester sequence, 10 credits
 Prerequisite: L06, LA2 or departmental recommendation

World Literature and Composition is a year-long course. The course includes the study of classic world literature to current world literature. In addition, instruction in writing techniques is an integral part of the class. Students build their composition skills to increase their abilities to write clearly, correctly and logically for a variety of purposes and audiences. Literary analysis through critical thinking is emphasized in class discussions and writing assignments. Audio-visual materials *and technology* are used to aid language comprehension. Vocabulary building and ongoing use of research skills is emphasized.

L65 AMERICAN LIT. & COMPOSITION - SHELTERED

Level: 11-12
 Course Length: 2 semesters sequence, 10 credits
 Prerequisite: L49 or departmental recommendation

American Literature and Composition is a year-long course. The course includes the study of classic American literature to current American literature. In addition, instruction in writing techniques is an integral part of the class. Students build their composition skills to increase their abilities to write clearly,

correctly, and logically for a variety of purposes and audiences. Literary analysis through critical thinking is emphasized in class discussion and writing assignments. Audio-visual materials *and technology* are used to aid language comprehension. Vocabulary building and ongoing use of research skills is emphasized.



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 requirement, two semesters satisfies money management requirement.

H20 CATERING 1

Level: 9-12
 Course Length: 1 semester, 5 credits
 Prerequisites: None
 Fee: \$30

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: \$30 per semester

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
 Course 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 newsletters, 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.

<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>
FRLA	World Lit & Comp	Am Lit & Comp
Adv FRLA	Adv Comp & Wld Lit	Am Studies
		Am Studies Adv
		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

Comm. in Society
 Discussion & Debate
 Forensics
 Public Speaking
 Video & Film Prod
 Intro to Theater
 Acting
 Semantics
 Readers' Theatre

LA Electives

Biblical Literature
 Mythology
 Senior Composition
 Play Production
 Film Literature
 Journalism, Reporting
 Intermediate Journalism
 Adv Journalism
 Yearbook
 Creative Writing
 Readers' Workshop
 APE Lit & Comp
 Video & Film Prod 2

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, American Studies, 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.

LO8 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 would be expected to read novels, short stories, plays, essays and poems. Students will be expected to write in a variety of styles.

L11 FRESHMAN LANGUAGE ARTS, ADVANCED (WEIGHTED)

Level: 9
 Course Length: 2 semesters, 10 credits
 Prerequisites: Teacher recommendation

This course is a rigorous version of L08 for freshmen seeking a greater challenge in language arts. Each student must fill out an application including an eighth grade teacher recommendation before being admitted to the class. A summer reading list and writing assignment are required preparation for this class as well.

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, teacher recommendation

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.

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.

C81 AMERICAN STUDIES

Level: 11
 Course Length: 2 semesters, 10 credits per semester
 Prerequisites: World History and World Lit & Comp, teacher recommendation

This course acquaints students with American culture, including the history of the people as reflected in their music, art, architecture, literature, and popular culture. Students explore contrasts and comparisons of historical periods, literary themes, political philosophies, and cultural developments. Students develop the ability to analyze literature as well as strengthen expository writing skills. American studies is a large, interdisciplinary class that meets two consecutive periods a day. Upon completion of an entire year, this course fulfills both the 10 credits of American Literature and Composition and 10 credits of American History requirement.

C82 AMERICAN STUDIES, ADVANCED (WEIGHTED)

Level: 11
 Course Length: 2 semesters, 10 credits per semester
 Prerequisites: World History and World Lit & Comp, teacher recommendation

American Studies, Advanced is a rigorous version of C81. Students survey American culture from the Colonial Period to the present time by exploring its literature, history, music, art, and architecture. Students extend critical thinking skills through independent reading, writing, and research projects.

C82 is a large team-taught class that meets two consecutive periods a day. Upon completion of an entire year, this course fulfills both the 10 credits of American Literature and Composition and 10 U.S. History/U.S. Studies credit requirements.

The grade earned in this class is weighted. See description on weighted grades in the front of this booklet. Each student must fill out an applications before being admitted to the class.

L77 AP ENGLISH LANGUAGE AND COMPOSITION (WEIGHTED)

Level: 11
 Course Length: 2 semesters, 10 credits
 Prerequisites: World Lit & Comp or equivalent, application, and teacher recommendation.

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. This course has a summer required reading list that will be posted on the school website during the summer and distributed at the end of the school year.

L88 AP ENGLISH LITERATURE & COMPOSITION (WEIGHTED)

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

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. This course has a summer required reading list that will be posted on the school website during the summer and distributed at the end of the school year.

Communication

Students are required to take a 5 credit communication course for graduation. We encourage students to take other communication courses in addition to these requirements.

Communication in Society	Intro to Theater
Discussion & Debate Acting	Acting
Forensics	Semantics
Public Speaking	Readers' Theatre
Video & Film Production	

L31 COMMUNICATION IN SOCIETY

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

This course is designed to assist students in learning to improve self-confidence and effectiveness in a wide variety of communication situations. Opportunities are provided to learn about communication in one-to-one, and one-to-a group situation, within small group activities, and within large groups. Areas of communication will include self-awareness, relationships, work situations, and the community. Attention focuses on learning speech fundamentals, breaking down the barriers to communication, becoming aware of and expressing ideas and thoughts, problems solving, conflict management, thinking skills, and decision making. Students will read, discuss, and critically examine information sources and literature.

L32 READERS' THEATRE

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

In this course, students will discover the connection of self and literature through the art of Interpreters' Theatre. This unique art form combines oral interpretation and presentational theatre. Students explore a variety of literary forms to develop their own mental and physical resources through active involvement in using the body, mind, and voice to analyze, interpret, and perform literature.

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.

L39 COMPETITIVE FORENSICS

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

This course prepares the student for advanced studies in all areas of forensics: cross-examination (cx) Debate, Lincoln Douglas (L/D) Debate, Extemporaneous Speaking, Duo Interpretation, Student Congress, Original Oratory, Duet Acting, and Interpretation of Drama, Poetry and Humor. Members of this class are also members of the Competitive Speech Team and will compete and CHSAA/NGL tournaments. This course includes instruction in life and career speaking situations. This course may be repeated for credit applicable in Language Arts, Communications, or Electives.

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: \$20

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.

L35 INTRODUCTION TO THEATRE (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
 Teacher Recommendation

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.

Language Arts Elective Courses

Biblical Literature	Yearbook
Mythology	Creative Writing
Senior Composition	Readers' Workshop
Play Production	Accelerated Reading Workshop
Film Literature	APE Lit & Comp
Journalism, Reporting	Video & Film Production 2
Intermediate Journalism	
Advanced Journalism	

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
 Teacher Recommendation

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.

LE1 JOURNALISM: REPORTING

Level: 10-12
Course Length: 1 semester, 5 credits

This beginning journalism course offers an in-depth survey of journalism, including news writing, interviewing, and writing stories (news, features, sports, editorials, and columns). It also covers the history of journalism, newspaper terminology, headline writing, copy and proofreading, advertising, page layout, and photo journalism.

LE4 INTERMEDIATE JOURNALISM: ADV REPORTING

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

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.

LE6 ADVANCED JOURNALISM: PUBLISHING

Level: 10-12
Course Length: 2 semesters, 10 credits
Prerequisites: Intermediate Journalism and teacher recommendation

Students in this two-semester course are responsible for publishing the school newspaper or newsmagazine and for refining journalistic skills previously acquired. To meet the regular, predetermined production schedule, students are obliged to write stories, to sell and collect advertising, to keep the financial records, and to work for several hours each week outside class on some phase of the publication's production. Students fill top position in editing, news assigning, accounting, advertising, copy reading, page design, and photography. Students may continue in this course for elective credit.

LE7 YEARBOOK

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

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. Since meeting deadlines is the primary concern, students must be willing to commit to work after school. Each student must have permission from the instructor before registering for this class. Students may continue in this course for additional elective Language Arts credits.

LEO 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.

L50 READERS' WORKSHOP

Level: 9-12
Course Length: 2 semesters, 10 credits
(Not accepted by NCAA)
Prerequisites: Teacher recommendation

This course is designed primarily to support readers. Students are involved in a variety of instructor-directed, individual, and group activities that focus on increasing reading comprehension, learning strategies to assist with various types of reading, and developing a lifelong appreciation of reading. Self-assessments and individual conferences help determine the needs of each student and activities are designed to meet those needs. The course emphasizes individual progress and reading enjoyment.

L52 ACCELERATED READING WORKSHOP

Level: 9-12
Course Length: 1 semester, 5 credits
Prerequisites: Teacher recommendation

This course is for students who want to learn useful strategies for taking tests, managing time, thinking critically, and digesting vast amounts of reading materials in short amounts of time. Reading speed, comprehension, and study skills will be assessed and taught. Research shows the most effective way to improve reading rate, comprehension, and vocabulary is to read, read, read, and read some more. It is important to read a variety of materials and to understand the different strategies that successful readers use while reading non-fiction and fiction.

L48 VIDEO AND FILM PRODUCTION 2

Level: 10-12
 Course Length: 1 semester, 5 credits
 (Lang Arts elective, not accepted by
 NCAA)
 Prerequisites: L46 or teacher recommendation
 Fee: \$20

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 by
 NCAA)
 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 scriptwriting procedures to produce their own work for the class. *Expanding their sense of visual syntax, students will come to appreciate a truly unique literary form.*

MATHEMATICS

All of our course work is designed to meet the six Colorado State Standards: 1) Number Sense; 2) Patterns and Relationships; 3) Probability and Statistics; 4) Geometry; 5) Measurement; and 6) Computation. All incoming freshmen will, under current state law, be required to take the Colorado Student Assessment Program test in mathematics given by the State of Colorado in the spring of their sophomore year. Students will not be able to perform adequately on this test unless they have taken math in the 9th and 10th grades. Therefore, it is strongly recommended that all 9th and 10th grade students be enrolled in a mathematics class.

The integration of appropriate technology is stressed in all classes. Scientific calculators are needed in most of our 9th and 10th grade classes. In Pre-calculus 1 and 2 Advanced, AP Calculus, and AP Statistics, the second semester of Algebra 2 Advanced, graphing calculators are required. We recommend (but do not require) the TI-83 or TI-83 Plus.

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*		Statistics	Discrete Math/ Statistics		AP Statistics		
Grade 12*		Discrete Math	AP Statistics	AP Statistics	Calculus AB		
Grade 12*	Algebra 2	Pre- Calculus	Calculus AB	Pre- Calculus Adv.	Calculus BC	AP Statistics	
Grade 11	Geometry	Algebra 2	Pre- Calculus	Algebra 2, Adv.	Pre- Calculus Adv.	Calculus BC	AP Statistics
Grade 10	Algebra 1B M32	Geometry	Algebra 2	Geometry, Adv.	Algebra 2 Adv.	Pre- Calculus Adv.	Calculus BC or AB
Grade 9	Algebra 1A M18	Algebra 1	Geometry	Algebra 1, Adv.	Geometry Adv.	Algebra 2 Adv.	Pre- Calculus Adv.

M70 SENIOR HIGH MATH CLINIC

Level: 9-12
 Course Length: 1 or 2 semesters, 5 elective credits per semester
 Prerequisites: *Departmental Recommendation*

Math Clinic is designed for students who need continued guided practice with arithmetic skills and continued development of basic algebra and geometry concepts.

M18 ALGEBRA 1A

Note: This course replaces Basic Algebra
 Level: 9-12
 Course Length: 2 semesters, 5 elective 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

Note: This course replaces Basic Algebra
 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: *Departmental Recommendation*

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 *Departmental Recommendation*

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 *Departmental Recommendation*

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.

M58 DISCRETE MATH

Level: 11-12
 Course Length: 1 semester, 5 credits
 Prerequisite: M51 or M50

Discrete Mathematics allows for students to explore 21st century applications of mathematics. The curriculum is practical in nature and includes apportionment, graph theory, fair division, election theory, networks, & scheduling.

M61 PRE-CALCULUS 1

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

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 *Departmental Recommendation*

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 *Departmental Recommendation*

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/
Departmental Recommendation

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/
Departmental Recommendation

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.

M67 STATISTICS

Level: 10-12
 Course Length: 1 semester, 5 credits
 Prerequisite: M51

This course will explore the analysis of data and make use of graphical and numerical techniques to study patterns and departure from patterns. An emphasis will be placed on interpreting information from graphical and numerical displays and summaries.

M69 AP STATISTICS (WEIGHTED)

Level: 10-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 2 Advanced or Algebra 2
with Departmental Recommendation

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.



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

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

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

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 performance after school hours is an integral part of the course and is 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

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

Students interested in Jazz Band 1 will need to read and write musical notation, have performance skills in voice or on an instrument, and have the permission of the Jazz Band 1 teacher.

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 and permission of the Jazz Band 2 teacher

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 and permission of the Jazz Band 3 teacher

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 either audition or prior approval of the Orchestra Director.

The 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, pickle-ball, 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
 Course Length: 1 semester, 5 credits
 Prerequisite: P20 Comprehensive Physical Education
 Fee: None

This course is designed to make students aware of various lifetime 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 on the interests of the students. *This course will be focused on the needs of our female athletes. We will combine the development of aerobic fitness, strength, flexibility, and agility to help our female athletes be prepared to perform at a high level while being more resistant to injury. We will use the latest in training techniques/drills, including the program, "Girls Can Jump," which is based around ACL tear prevention.*

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 lifetime 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 Weight 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 Weight 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. The class will only be offered 1st hour, and 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.

P50 ARCHERY

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

Archery requires basic techniques and form to safely enjoy the activity. Students learn how to nock 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: Approximately \$42

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.

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. This is a dynamic class where students will be able to choose their level of challenge and achieve personal success.

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: \$15

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 prin-

ciples presented. *Physical Science is a Algebra I based course (CO-REC).*

S20 PHYSICAL SCIENCE, ADVANCED (WEIGHTED) (PS)

Level: 9
 Course Length: 2 semesters, 10 credits
 Prerequisites: Algebra 1 Advanced or above recommended
 Fee: \$15

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 bonding 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
 Fee: \$15

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: Recommendation of PS instructor or permission of instructor
 Fee: \$15

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 and biology. Chemistry may be taken as co-requisite with permission of instructor. Interview with instructor is required prior to enrollment.
 Fee: \$25

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. It is also suggested that Anatomy and Botany be taken before or concurrently with AP Biology. 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: \$5

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: \$30

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 will reinforce 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: \$5 lab fee

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: \$15

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

S66 AP CHEMISTRY (WEIGHTED) (PS)

Level: 11-12
 Course Length: 2 semesters, 10 credits
 Prerequisites: M51 and S50 Chemistry or recommendation of teacher. Interview with instructor required prior to enrollment.
 Fee: \$15

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: \$15

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: \$15

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: \$15

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: \$5

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; excellent reading skills, recommendation of current science teacher and interview with instructor prior to enrollment.
 Fee: \$15

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 and teacher recommendation
 Fee: None

This highly structured year-long science research course offers highly self-motivated students of various achievement levels an opportunity to perform authentic science research of their own choosing. Students participate in the community 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.*



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. During the first semester students will study 1890 - present. During the second semester students will study the U. S. during the twentieth century.

T38 AP UNITED STATES HISTORY (WEIGHTED)

Level: 11
 Course Length: 2 semesters, 10 credits
 Prerequisites: *AP World History recommended*

Advanced Placement U. S. History is an intensive study of history. Included in the course are college level reading, research, writing, 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. *Students should expect 45 minutes of college-level reading per night.*

T41 WORLD HISTORY

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

World History is chronological, thematic, and comparative study of the major cultures of all regions of the world; through the collapse of the Soviet Union. 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. *A few research-based projects will be completed at the teacher's discretion throughout the course of the year.*

T54 AP WORLD HISTORY (WEIGHTED)

Level: 10
 Course Length: 2 semesters, 10 credits
 Prerequisites: Teacher recommendation (after meeting with prospective students during winter registration period)

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.

C81 AMERICAN STUDIES

Level: 11
 Course Length: 2 semesters, 20 credits
 Prerequisites: None

This course acquaints students with American culture, including the history of the people as reflected in their music, art, architecture, literature and popular culture. Students explore contrasts and comparisons of historical periods, literary themes, political philosophies and cultural developments. Students develop the ability to analyze literature as well as strengthen expository writing skills. American Studies is a large, interdisciplinary class that meets two consecutive periods a day. Upon completion of an entire year, this course fulfills both the 10 credits of American Literature and Composition and 10 credits of American History requirement. *Throughout the course of the year, students will study the time period 1890 through the present.*

C82 AMERICAN STUDIES, ADVANCED (WEIGHTED)

Level: 11
 Course Length: 2 semesters, 20 credits (weighted)
 Prerequisites: None

American Studies Honors is a rigorous version of C81. Students survey American culture from the late 1800s to the present time, by exploring its literature, history, music, art and architecture. Students extend critical thinking skills through independent reading, writing, and research projects. *Because of the limited time span of the course, students will be able to explore 20th century themes in greater depth than in AP U.S. History. The course does not teach events from before the late 1800s in depth and ,hence, does not prepare students for the AP tests in either history or language arts. The course provides a rigorous, challenging experience, requiring of students a workload equal to that of an AP course. C82 is a large team-taught class that meets two consecutive periods a day. Upon completion of an entire year, this course fulfills both the 10 credits of American Literature and Composition and 10 U.S. History/U.S. Studies credit requirements. Because academic expectations are the same as for AP courses, the grade earned in this class is weighted. See description on weighted grades in the front of this booklet.*

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. Vari-

ous 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 semesters, 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 university level 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

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

AP Macroeconomics provides students a thorough understand-

ing 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

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

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 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**

Starting with the graduating class of 2010, 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, and 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 charged.

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

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

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 **F58 JAPANESE 3**
F33 GERMAN 3 **F73 SPANISH 3**
F53 LATIN 3

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

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

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 (WEIGHTED)

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

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 AP (WEIGHTED):**F26 FRENCH****F46 GERMAN****F85 SPANISH**

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

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 and teacher recommendation

Spanish 310 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, and teacher recommendation

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 studied 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).


GRADUATION REQUIREMENTS CHECKLIST

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.

Graduation Requirement	# Credits Required	Enter Names of Courses Completed to Meet Requirements	# Credits Completed	# Credits Still Needed
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

Boulder High School

2011-2012

COURSE REQUEST FORM

Name: _____

Grade Next Year: _____

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

		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	semester __			
Elective	semester __			
Elective	semester __			
Elective	semester __			
Alternative	semester __			

We understand that the courses we are choosing cannot be changed at a later date.

Student Signature _____ Parent Signature _____

*You must choose 2 alternative elective courses!