

FAIRVIEW HIGH SCHOOL

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ACADEMIC PLANNING GUIDE

This guide describes the educational opportunities that have been developed by Fairview High School staff and other Boulder Valley school personnel to provide a learning experience for all students. The guide also describes procedures to be followed in planning your own academic program and requirements for graduation and post secondary education.

To access course description information, please locate the Course Description Guide at <http://bvsd.org/schools/fairviewhs/academics/pages/KeyAcademicResources.aspx>.

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BOULDER VALLEY SCHOOL DISTRICT GRADUATION REQUIREMENTS 2010 AND BEYOND
COLORADO COMMISSION OF HIGHER EDUCATION REQUIREMENTS 2010

The Boulder Valley School District requires that a minimum of 220 credit hours be earned for graduation; the CCHE requires a minimum of 18 academic units to fulfill admissions requirements.

BVSD

Beginning with the class of 2010, 220 credit hours must be earned in the areas listed below. Ten credits are equivalent to one full year of credit in a specific subject.

- Language Arts.** 40 credits in grades 9-12
 10 in Language Arts 9
 10 in World Literature & Composition, grade 10
 10 in American Literature & Composition, grade 11
 5 in language arts elective courses, 9-12
 5 in communication courses, grades 9-12
- Social Studies.** 30 credits in grades 9-12
 5 in US Government in grade 9
 5 in World Geography in grades 9-10
 10 in World History in grade 10
 10 in US History in grade 11
- Math.** 20 credits in grades 9-12
 10 credits of which must include Algebra I or higher level mathematics
- Science.** 20 credits in grades 9-12
 10 credits in courses designated as Life Sciences
 10 credits in courses designated as Physical Sciences
- Physical Education.** 15 credits in grades 9-12
 5 in Comprehensive P.E., grade 9
 10 in elective P.E. courses, grades 9-12, balanced between individual fitness and team sports.
- Health.** 5 credits in grades 9-10
- Fine Arts.** 5 credits in grades 9-12 (includes music or art).
- Second Language Acquisition.** 10 credits in World Language, Level 2 or higher; or, for ELL students, achievement of approved level of English language acquisition.
- Practical Experiences.** 5 credits in grades 9-12
 5 credits in Computer Science or Applied Technology unless fulfilled in middle level; otherwise, 5 credits in Business, Consumer and Family Studies, or other career and technical education course; AND evidence of completion of a 12 hour course in Money Management & Personal Finance unless fulfilled in middle level or through qualified district course.

NOTE: Computer Science/Applied Technology and Money Management/Personal Finance are new requirements beginning with this graduating class.

Additional credits in courses approved for grades 9-12, 70-80 credits, depending on how the Second Language Acquisition requirement is met.

CCHE

(Colorado Commission of Higher Education)

Beginning with the class of 2010, 15 academic units are required for admissions. An academic unit is equivalent to one full year of credit in a specific subject.

- Language Arts.** 4 units
Acceptable: World Literature & Composition, American Literature & Composition, Speech, Debate, Honors Courses, Advanced Placement, and/or International Baccalaureate Courses
Not Acceptable: Business English, ESL English, Yearbook, Drama, and Journalism.
- Social Science.** 3 units including 1 unit in U.S. History and/or World Civilization
Acceptable: U.S. History, World Civilization, State and/or International History, Civics, Principles of Democracy, Geography, Economics, Psychology, Sociology, Honors Courses, Advanced Placement, and/or International Baccalaureate Courses
Not Acceptable: Family Living, Marriage and Family, and Consumer Education.
- Mathematics.** 4 units; Algebra I and higher
Acceptable: Algebra I, Algebra II, Geometry, Trigonometry, Pre-Calculus, Honors Courses, Advanced Placement, and/or International Baccalaureate Courses
Not Acceptable: Pre-Algebra, general math, business math, accounting, and consumer math.
- Natural Science.** 3 units including 2 units in courses designated as laboratory work
Acceptable: Biology, Chemistry, Physics, Earth Science, Physical Science, Honors Courses, Advanced Placement, and/or International Baccalaureate Courses
Not Acceptable: General Science, Outdoor Education, Environmental Studies.
- Foreign Language.** 1 unit **
- Academic Electives.** 2 units
 Acceptable courses may come from any academic area listed above with foreign languages, computer science, art, music, journalism, drama, honors courses, advanced placement, and/or international baccalaureate courses.

** Across the U.S. many colleges require 3 units of World Language.
 Some require language proficiency.

ACADEMIC PLANNING

Graduation requirements are designed to give you a well-balanced program that will help you attain the knowledge and develop the skills and understanding necessary to become a well-educated person. To fill out your course of study, many electives are available. These, if wisely selected, will help you explore and develop your own interests and abilities.

In February, counselors meet with students to review requirements and offerings for next year. Middle school students will receive course selection materials at the Evening of Transition. Although your parents and counselor wish to help you in planning your high school curriculum, the responsibility for this planning rests primarily with you.

PLAN FOR SUCCESS

YOU ARE IN CHARGE!

You must enroll now in the classes that you want to take next year!
As you plan your course selection, consider:

- your long-range goals
- graduation requirements
- college entrance requirements
- International Baccalaureate (IB) Diploma requirements
- Boulder TEC requirements
- career preparation

GET INFORMATION

Ask:

- your counselor
- IB coordinator
- your parents
- your teachers
- your administrators
- other students
- and read course description book carefully

CHOOSE CAREFULLY

The school schedule of classes is built from your requests. If you do not select a class now, it may not be available as a choice later. This is especially true of elective courses. Please make sure you consult with your current teachers to select the appropriate level of class because it is difficult to move in the fall.

PLANNING FOR COLLEGE

Boulder Valley School District graduation requirements can be used as a guideline for selecting the breadth and depth of courses taken during your four years of high school. Colleges, however, closely examine the quality of a student's record in competition with thousands of applications for admission. Following are CU's requirements followed by a table of criteria for a variety of post-secondary options. Please see your counselor or the Post-Graduate Center to check the quality of courses desired by various types of colleges.

COLLEGE ACADEMIC UNITS FOR ADMISSION (UNIVERSITY OF COLORADO)

One college academic unit equals one year or 10 credits at the high school level, grades 9-12. The 16 academic units recommended for admission into the University of Colorado College of Arts and Sciences (one of 5 colleges at CU that you can apply to) are:

- | | |
|---------|---|
| English | - 4 years (40 credits), including 2 years of composition |
| Math | - 3 years, including 1 year each of Algebra, Geometry and Algebra 2 |

- Science - 3 years, including 2 years of Lab Science, 1 in Chemistry or Physics
- Social Studies - 3 years, including 1 year in U.S. and World History, and 1 semester of Geography
- World Language - 3 years of one language (Level 3) (for most majors). If student has reached Level 3, he/she has met this requirement. Levels 1 and 2 could be taken at the middle level.

Admission requirements for other colleges at CU, for example, Engineering or Business, and for other universities are different and may be more or less than for the University of Colorado College of Arts and Sciences.

The following table lists general criteria for admission to a variety of institutions for post-secondary education, including recommended academic units, GPA, and test scores. All of these guidelines are driven by individual institutions and the Colorado Department of Education, and they vary from year to year. Colorado public colleges and universities use an index that includes GPA and test scores to help determine admission. You may check in the Counseling Office or Post-Graduate Center for specific admission information. Students may want to research criteria of certain schools they may wish to attend in the 9th grade in order to know what to aim for. Please check with your counselor or the school's website for changes.

POST-SECONDARY CRITERIA

Type of School	Recommended Academic Units, Grade 9-12	Average GPA and Class Rank of Students Admitted	Average Test Scores of Students Admitted
Military Programs	None	Open	ASVAB –varies by Program
Area Vocational Schools (TEC, Longmont CDC)	Depends on the Program	Open	Varies by Program
Proprietary Vocational Schools (Business, Technical Institutes)	Depends on the Program	Open	Varies by Program
Colorado Two-Year Colleges	Open	Open	ACT used for advising, not for admission
Colorado Four-Year Colleges	14-17 Academic Units, including 8 sem. of English	Minimum 2.5 and top 2/3 to 1/2 of class	18 or better on ACT
Colorado Universities:			
Colorado College	16+ Academic Units	GPA not available /Top 1/4 82%*Top 1/10 51%	27 on ACT / 1260 on SAT
Colorado State University	15+ Academic Units	3.54 GPA / Top 1/4 52% Top 1/10 21%	24 on ACT / 1114 on SAT
University of Denver	16+ Academic Units	3.4 GPA / Top 1/4 34% Top 1/10 15%	25 on ACT / 1150 on SAT
Univ. of Colorado, Boulder	16+ Academic Units	3.55 GPA / Top 1/4 57% Top 1/10 24%	26 on ACT / 1200 on SAT
Univ. of Northern Colorado	15+ Academic Units	2.32 GPA / Top 1/4 35% Top 1/10 12%	23 on ACT / 1048 on SAT
Colorado School of Mines	16+ Academic Units	3.72+ GPA /Class rank not available	27 on ACT / 1140 on SAT
Highly selective Out-of-State Colleges and Universities	20+ Academic Units	Minimum 3.8+ GPA and top 1/4 to 1/10	25+ on ACT / 1100 on SAT
Out-of-State Colleges	Similar to Colorado Universities but check in the Counseling Office or Post-Grad Center for specific GPA, test, rank, subject requirements.		

- indicates that 82% of the students admitted to the College were in the top quarter of their HS graduating class

ADDITIONAL GRADUATION REQUIREMENTS

Money Management and Personal Finance

To meet BVSD graduation requirements, students graduating in 2010 and beyond must have evidence of completion of a minimum of a 12 hour course in Money Management and Personal Finance in grades 6-12.

At Fairview High School, students have three options in order to fulfill this graduation requirement:

- Option 1: Students can take one of the following FHS courses to satisfy this requirement:

B41 Business Foundations	B81 Marketing I
B42 Finance	B47 Mathematical Business Applications
B52 Accounting 1	B53 Accounting 2
V51 Banking & Service Accounting 1 (only offered through Boulder TEC programs)	B60 Business Management
V52 Banking & Service Accounting 2 (only offered through Boulder TEC programs)	H50 Living on Your Own – year
	H53 Life Management 2 (only offered to Teen Parents)
	T74 Economics

- Option 2: Students can also meet this requirement through completion of a no cost online course which is offered by the Boulder Valley School District. Please see the following link to the website and follow directions for registration:

<http://bvsd.org/graduation/requirements/Pages/BVSDGraduationRequirements>

Print out the certificate at completion and turn it in to the Fairview Registrar for course credit.

- Option 3: Students that show completion of B09 Dollars and Sense during grades 7 or 8 have satisfied this graduation requirement.

Computer Science/Applied Technology

All students must have 5 credits in Computer Science or Applied Technology in grades 6-12 to graduate. If a student meets the computer science/applied technology requirement in grades 6-8, 220 credits are still needed for graduation.

At Fairview High School, students have two options available in order to fulfill this graduation requirement:

- Option 1: Completing one of the following FHS courses fulfills the Computer Science/Applied Technology requirement and the 5 credit Practical Experience graduation requirement:

Applied Technology Classes

A110 Digital Art and Design
A111 Digital Art and Design 2
J10 Drafting
J31 Industrial Design
J32 Architectural Design
J34 CAD 1

Computer Science Classes

D77 Intro to JAVA
D78 AP COMP/SCI JAVA
D81 Basic PRO/SEM
D87 Internet/WEB Application
V55 3D Animation/Game Design (only offered through Boulder TEC programs)

- Option 2: Students can also show completion of one of the following Middle School courses (THIS DOES NOT WAIVE THE REQUIREMENT OF 5 CREDITS IN PRACTICAL EXPERIENCES IN GRADES 9-12):

Middle School Applied Technology Classes

J20 Applied Technology
J23 Gateway to Technology 1
J24 Gateway to Technology 2

Middle School Computer Science Classes

D06 Exploring Computers
D07 Computer Power
D08 Multimedia Productions
D09 Internet World

POST-SECONDARY APPLICATION PROCESS

POST-GRADUATE PLANNING MATERIALS: There are many post-secondary academic planning materials available from the Counseling Office, the Post-Graduate Center, the school library, and the public library. Specific items at Fairview include:

- Career information, interest surveys, numerous guides to colleges, vocational guides, test study guides, etc.
- Boulder TEC Center Course Description Booklet and program materials.
- The Handbook on Colorado Institutions published by the Colorado Council on High School-College Relations. This handbook is revised each summer with complete information on each institution in the state of Colorado, including charts listing courses, majors and fields of concentration. In addition, there are sections with general information regarding admission tests, financial aid, admissions, and timetables for application to college. This may be purchased for \$5.00 at the Colorado College Fair at CU Boulder in the fall. See the Counseling Office for more information.
- Over 200 College representatives visit Fairview every year providing students with information on colleges and universities.
- International Baccalaureate study guides and past exams are filed in the Fairview library.
- FairViews published bi-monthly by the Parent Organization and mailed to each parent announce special informational nights and college fairs.

SENIOR REVIEW: In the first two months of the senior year, every senior is required to have a Senior Review with his/her counselor. This is the first step in starting the college application process. Any students wanting to do early admission to college, must schedule this meeting as soon as the school year starts. During this meeting, the following information will be reviewed:

- credit/requirements check for graduation
- factors for college selection: interests, location, size, etc.
- GPA and class rank
- application procedures
- letters of recommendation
- timelines for mailing applications

NCAA CLEARINGHOUSE INFORMATION: In order to compete athletically at a Division I or a Division II NCAA university, a student must be certified by the NCAA Clearinghouse. The documents should be filed at the end of the junior year. It is the responsibility of the student to ensure that all NCAA requirements are met. Material and directions may be obtained from either the secretary of the Athletic Office or the Counseling Office. ACT or SAT scores must also be submitted and may either be sent directly from the testing agency or recorded on the student transcript. The state-mandated ACT given in the spring of the junior year is accepted by NCAA. Courses approved by NCAA are noted beside each class description of this course booklet.

COLLEGE ENTRANCE REQUIREMENTS: Approximately 90 percent of our students plan to continue their formal education after graduation. Should your plans include post-secondary education, you should keep in mind the following factors upon which college admission is dependent:

1. High school scholastic record as reflected in grade point average, the kinds of courses selected and class rank: 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 – let's face it, grades are important. Usually, when you send in college applications, your junior year grades are prominent on your transcript – therefore, **your junior year grades are very important!** Your rank in class is determined from your cumulative grade point average. Your GPA is computed at the end of each semester and only semester (not quarter) grades during grades 9, 10, 11, and 12 are used in computing it. The GPA is included on all transcripts.

2. The quality of your record or the degree of difficulty of the courses you take: Colleges closely examine the quality of a student's record in competition with thousands of applications for admission. Consult with your counselor or the Post-Graduate Center to determine the quality of courses desired by various types of colleges. More selective colleges look for more challenging courses, both in depth and breadth. You are encouraged to look realistically at your record in regard to college entrance. If you find it difficult to maintain a "C" average in academic courses, you should expect greater difficulty in college.

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 Test (SAT). Some schools may have actual cut off scores while others use tests primarily for placement purposes. Check with your counselor for specific detail.

4. Personal recommendations of counselors and teachers: Some schools place considerable weight on your recommendations, which include factors such as ability, reliability, judgment, and work ethic. Many schools do not require personal recommendations.

5. Activities and interests, both in and out of school: Participation in activities such as clubs, student government, athletics, drama, and out of school functions is of importance in determining how well you will be able to compete for admission to the college you have selected. The critical point is not how many activities, but the quality of participation, including offices held and how fully you carry out your responsibility. This is also true of specific areas of interest and research you may choose to do.

COLLEGE ADMISSIONS TESTING: There are two different testing programs utilized by colleges for the purpose of admissions and placement, the ACT and SAT. We recommend students to take both tests. Further information is available in the Counseling Office.

AMERICAN COLLEGE TEST (ACT): ACT tests are designed to measure the student's ability to perform the kind of intellectual tasks typically performed by college students. There are four subject areas on the ACT: English, Reading, Mathematics, and Science Reasoning.

All colleges in Colorado accept ACT results. The ACT is given to all juniors in BVSD in the spring of the junior year, and the results of the state administered test can be used for application to most colleges. The ACT is also administered nationally in professional test centers five times each year: October, December, February, April and June. Fairview is a local test site. You can register online at *ACT.org*.

PSAT/NMSQT: The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test is a practice for the SAT. In addition, results of this test when taken as a junior are used as a competitive examination in the National Merit Program. The PSAT is a predictor of how students will do on the SAT I.

Juniors who are considering college are encouraged to take this test in October, and Fairview is a local test site. Registration for the PSAT happens in the Counseling Office during the month before the test. This test is also available to sophomores on a space available basis. However, sophomores are not eligible for consideration for the National Merit Program.

COLLEGE BOARD-SCHOLASTIC APTITUDE TEST (SAT I) AND SAT II: The SAT is used by colleges and universities as a component of admission criteria, comparing the student's score with national averages.

The SAT I consists principally of three sections: one critical reading, one math, and one writing, plus an essay. The test is designed to provide reliable indications of a student's ability to do college level work and is administered nationally in October, November, December, January, March, May, and June. SAT II provides information about a student's knowledge of subject matter and is used by approximately 100 colleges for admission and/or placement purposes. Students should consult with their counselor to determine institution requirements, and students should check the college web sites for the latest admission testing requirements. C.U. and Longmont High School are local testing sites. Registration can be done online at *Collegeboard.com*.

CURRICULAR CHOICES

Fairview is a comprehensive four-year high school dedicated to academic excellence and student success. The curriculum is designed to meet the needs of students with different learning abilities and goals for the future. Course offerings include *basic, college prep, International Baccalaureate (IB), Pre-IB, Advanced Placement (AP), college level, technical training courses, and English as a Second Language (ESL)*. Boulder Valley School District and Fairview also offer several programs to help students who struggle or seek other options for learning: Summer School, and other alternatives. Please read on for information about these.

CONCURRENT ENROLLMENT: Colorado law provides high school pupils in the eleventh and twelfth grades the opportunity to take classes at post-secondary state institutions and apply that credit toward high school graduation credit and/or toward a degree or certificate at the institution of higher learning. More information is available from your counselor or the Post-Graduate Center. Concurrent enrollment forms can be picked up in the Counseling Office and must be turned in, in May and October for the following semester. Specific criteria must be met in order to be reimbursed for concurrent enrollment. Please see your counselor to obtain specific information.

ENGLISH AS A SECOND LANGUAGE PROGRAM: Fairview's program to support ESL students in taking full advantage of Fairview's academic programs and extracurricular activities, and in achieving success in college admissions and other aspects of post-graduate and career planning. Administrators, counselors, teachers, Student Achievement Center (SAC) tutors, and student groups will work closely with ESL students to support their success and their participation in school activities, and their success beyond high school. Fairview will also be putting in place outreach services to ESL families, to ensure that family-school communications remain strong and that families are able to participate fully in the Fairview community.

TECHNICAL TRAINING: Career training opportunities are available to Boulder Valley high school students through concurrent enrollment at the Boulder Valley Technical Center or the Career Development Center in Longmont. Counselors will assist students in coordinating schedules between high school and each of the two centers. Transportation is provided to the Boulder Valley TEC Center. A maximum of 60 TEC Center credits will be accepted to meet the high school graduation requirement of 220 credits.

SUMMER SCHOOL: The Boulder Valley School District offers a summer school program, payable by tuition. Summer school gives students the opportunity to make up deficiencies, strengthen weak points in their studies, take advanced work for credit, or pursue special interests through enrichment courses. Materials are available online at www.bvsd.org. Enrollment begins the first week of May.

OTHER ALTERNATIVE PROGRAMS: In addition to summer school, the following programs are offered through the Boulder Valley School District to help students with special academic needs: Connections (a program to retrieve credit lost due to lack of attendance), Independent Study, and Teen Parenting. Please refer to the counseling office for information on any of these.

Listed below are descriptions of the various curricular choices offered.

THE FAIRVIEW HONORS PROGRAM

Fairview High School offers motivated students the most comprehensive honors program available in the Boulder Valley School District. With an emphasis on flexibility, the Fairview honors program allows students to select among International Baccalaureate (IB), Advanced Placement (AP), and other advanced offerings to chart an individual path suited to their own goals and talents. The eight-period school day allows students to take more electives than anywhere else in the district.

Fairview's honors program has long attracted students across the district and beyond who seek an environment of friendly support and stimulating classes, with classmates and teachers who share their excitement for learning. Along with Fairview's strong athletic and fine arts programs, the honors program promotes an environment of self-discovery and personal growth.

The customized approach to IB/AP enables students to craft schedules that provide appropriate academic challenge while allowing them freedom to pursue their passions. The IB/AP combination is particularly advantageous for students seeking admission to selective colleges, which attach great weight to the rigor of the student's academic program. The IB/AP combination maximizes the possibility of earning credit or advanced standing at many American colleges and universities. The IB Diploma is recognized by leading universities worldwide as a significant academic distinction.



THE INTERNATIONAL BACCALAUREATE (IB) PROGRAM

Fairview is proud to be an IB World School, a member of a distinguished group of schools worldwide which are authorized to offer the International Baccalaureate Program, headquartered in Geneva, Switzerland, and administered in Cardiff, Wales. The IB Program is a rigorous, internationally recognized, college preparatory program designed by leading experts that seeks to educate the whole student by means of a comprehensive curriculum emphasizing *critical thinking, creativity, responsibility, and intercultural understanding*. Graduates have a strong sense of their own culture and identity, but also develop a genuine appreciation for international perspectives, providing leadership in their local and global communities.

FAIRVIEW'S SELF-SELECTING IB PROGRAM: The IB Program at Fairview is exceptional because it is completely self-selective. Each student decides whether or not to participate and to what extent. Fairview students have the option to work toward the full IB Diploma or to pursue IB Certificates in just those IB courses they choose. Almost 65 percent of Fairview students enroll in one or more IB courses annually, and 33 percent take three more courses.

Fairview's IB Program is intended for students who have a strong work ethic and seek academic challenge and personal growth. Personal motivation is probably the single most important factor for success; however, past performance is also an indicator. Within a given subject, earning a grade of A or B+ in a previous course indicates eligibility for a good experience in an IB course.

CURRICULAR PATHWAYS: Students can choose one of two pathways in the IB Program: a) the Diploma or b) one or more Certificates. The IB Program is a two-year program for juniors and seniors; however, in 9th and 10th grades, students take Pre-IB courses to prepare themselves for the more advanced studies. Pre-IB courses are not required in order to take the IB courses but are strongly recommended. For the most effective IB experience, we recommend that 9th and 10th graders take two or three Pre-IB classes each semester. This will allow students and parents time to learn about the advantages of the various honors program options

THE IB DIPLOMA PATHWAY: The IB Diploma is an internationally recognized mark of distinction and usually earns the recipient substantial advanced placement or credit in college as well as a competitive edge in admissions to selective colleges. The IB Diploma experience is usually transformative in helping students expand their capabilities and learn time management and critical thinking skills that will benefit them for a lifetime. The IB Diploma alone or combined with AP provides one of the best educations available for college-bound students. To obtain the Diploma, a student must complete studies in six areas and take one exam in each.

1. English
2. Second Language (Spanish, French, German, Latin, or Chinese in 2011)
3. Social Studies (World History, History of the Americas, Business & Management, or Economics)
4. Science (Biology, Chemistry, or Physics)
5. Mathematics
6. Elective (Music, Visual Arts, Computer Science, 2nd World Language, 2nd Social Studies, or 2nd Science)

At least three of the six exams (and no more than four) must be taken at the advanced or Higher Level (HL) at the end of the senior year. HL exams are not open to non-seniors. The remaining exams are taken at Standard Level (SL), in either the junior or senior years. Bilingual students can also earn a Bilingual IB Diploma.

In addition, a student must complete the following requirements:

- **Theory of Knowledge (TOK) Course.** This two-semester course challenges students to question the basis of knowledge in the disciplines that they study and to develop the ability to analyze evidence that is expressed in a rational argument.
- **Extended Essay (EE) Project.** Working with a faculty supervisor, students undertake original research in one of the IB fields of study and present the results in a 4,000-word paper. The EE project provides experience in independent research and develops paper-writing skills expected at the college level.
- **Creativity, Action, and Service (CAS) Activities.** The CAS requirement reflects the importance that the IB Program gives to life outside the world of academics. IB Diploma candidates receive CAS credit for participating in school, community, or international activities of their choice to develop themselves and contribute to others.

- The IB Diploma and the Fairview High School Diploma: Students who want to go for an IB Diploma need to make sure they meet other graduation requirements, including 15 credits in Physical Education, 5 credits in Health, and 5 credits in Practical Arts. Interested IB Diploma students should start on these requirements in the 9th and 10th grades and meet with their IB counselor to discuss all options.

IB CERTIFICATE PATHWAY: Students who do not pursue the full IB Diploma may instead choose to take IB courses and subsequent exams to earn Certificates. IB Certificates demonstrate to colleges that students have pursued a challenging academic program, and in this way Certificates function similarly to what happens in the AP (Advanced Placement) program. For students heavily involved in extra-curricular activities, the Certificate pathway combined with AP courses or exams may be the best strategy for college preparation. A student may earn an IB Certificate in one or more of the six areas listed above (Diploma Pathway) by completing the IB course work and by taking the IB exam. The three requirements listed above for the Diploma (ToK, EE, and CAS) are not part of the Certificate option. IB Certificates can also earn advanced placement in college.

THE ADVANCED PLACEMENT (AP) PROGRAM

In addition to IB, Fairview offers a well-developed AP Program. The Advanced Placement Program (AP) is a challenging academic program designed to provide motivated high school students with advanced academic courses. Established in 1955 by the College Board, the AP Program is a cooperative educational endeavor between secondary schools and colleges and universities. High school students who complete AP courses demonstrate their mastery of subject material by earning qualifying grades on AP Examinations. AP courses with qualifying exam grades are accepted for credit, advanced placement, or both, by most American colleges and universities.

One main goal of the AP program is to provide opportunities for students to excel in academic areas of strength. A student who is strong in math and sciences for example can pursue AP math and science interests without having to take rigorous courses in English and social studies at the same time, allowing for concentration of effort.

LEVEL OF PARTICIPATION: One unique feature of the AP Program is that students do not need to take an actual AP *course* to take an AP *exam* (this is unlike IB, where a prerequisite for taking an IB exam is taking the corresponding IB course). Under some circumstances, students who take an IB course may be well-prepared to take the comparable AP exam as well. The freedom to take an AP exam without taking the associated course gives students the opportunity to prove their mastery of content and at the same time maintain flexibility in their Fairview academic schedules.

It is ideal, however, that students who plan to take an AP exam also take the associated AP course. AP courses provide challenging intellectual experiences while preparing students for AP exams.

Fairview currently offers the following AP courses:

- AP Calculus AB
- AP Calculus BC
- IB Chemistry II (prepares for AP and IB)
- AP Computer Science Java
- AP Language and Composition
- AP Literature and Composition
- AP French 5
- AP German 5
- IB Latin 4 (prepares for AP and IB)
- AP Music Theory
- IB/AP Physics II
- AP Spanish 5
- AP Statistics
- AP U.S. History

In conjunction with the IB Program or alone, Fairview's AP program offers an excellent option for students seeking academic challenges. Many students take advantage of both programs to meet their personal academic goals to maximize their college placement and credit opportunities. Students need to consult with their teachers and counselors before deciding on particular AP courses and exams.

ADVANCED PLACEMENT AND IB TOGETHER: Many students take advantage of unique opportunities at Fairview to combine IB and AP in different ways to meet individual academic goals and to maximize the amount of college credit earned in high school.

The goals, objectives, or aims of the two programs are essentially the same, and both programs have a long track record of success. Both programs have rigorous standards for students and faculty; both are devoted to educational excellence; both programs involve dedicated and creative teachers committed to their students, their disciplines, and their profession. Both programs attract highly motivated students who wish to excel academically and attend the most selective colleges and universities, and both programs teach students how to learn, promoting quality college experiences.

Although there are fundamental similarities between the two programs, there are some important differences too. IB and AP curricula and exams relate to each other in different ways, depending on the subject. Sometimes AP and IB are mutually reinforcing. Sometimes they are widely divergent. Which AP and IB exams a student chooses to take will depend on personal interests and college plans. Students are encouraged to explore options with their teachers and counselors.

Students will be well served by either program. Fairview's ability to deliver both programs gives students a great opportunity to get the best advanced preparatory college education available.

CONCURRENT COLLEGE COURSES THAT QUALIFY FOR A WEIGHTED GRADE

University of Colorado courses with a course number of 2000 or above will automatically receive a weighted grade for the purposes of grade point average (GPA) calculations. Courses with a course number of less than 2000 (1000-1999) will not be eligible to receive a weighted grade. If there are extenuating circumstances where a student feels that their 1000 series course should be weighted, they may petition the Assistant Principal for Counseling Services for such consideration. Students should include the course number; official course description from the catalog of courses; the course syllabus; and their rationale for their request as this course being weighted. Students should schedule an appointment with their counselor to start this petition process.

Concurrent courses taken at other four-year universities and colleges, or two-year community colleges will need to be submitted with the above-noted petition for consideration. These courses will be considered on a case-by-case basis.

ENGLISH AS A SECOND LANGUAGE (ESL) PROGRAM

Fairview welcomes students who are learning English as a second language. As an IB World School, with a focus on international perspectives, Fairview values students with diverse language experience and cultural backgrounds, and recognizes the important contributions ESL students as individuals make to school life. We are eager to help ESL students reach their personal goals by tailoring school programs to meet their needs.

For detailed descriptions of these courses, please refer to the English as a Second Language section of this Guide. However, the ESL sheltered instruction is also available in many other Fairview courses, including basic, college prep, International Baccalaureate (IB), and Advanced Placements (AP) courses. All Fairview teachers have received ESL training to enable them to provide individual support to students in their classes, as needed.

Fairview supports full access for ESL students to its Honors Program. 9th and 10th-grade ESL students seeking additional academic challenge are encouraged to take Pre-IB courses. 11th and 12th grade ESL students may take any IB course or exam regularly offered, but they are also eligible for additional academic distinctions including:

- the bilingual IB Diploma
- IB SL/HL Certificates in the student's first language (45 languages regularly available; others available upon request.)

Also, Fairview offers the IB English A1 SL exam for ESL students. ESL students need not take IB exams or complete IB assessments in English. They may choose to write in Spanish or French instead. Interested ESL students are strongly encouraged to discuss these options with their counselors, teachers, and the IB Coordinator. ESL students are also encouraged to consider taking AP courses and/or exams for additional college credit. Many AP exams consist of objective (multiple-choice) questions. Fairview courses provide good preparation for interested ESL students.

BOULDER TECHNICAL EDUCATIONAL CENTER (TEC)

6600 Arapahoe Road, Boulder, CO 80303 Phone 303-447-5220 Fax 303-447-5258

<http://www.bvsd.org/schools/bouldertec/default.aspx>

Boulder Technical Education Center (TEC) programs are available to all BVSD high school students as elective credits in career and technical educational areas. In small classes, students follow a sequence of courses that provide hands-on technical skills and academic knowledge needed to prepare for an immediate career and/or further education. Students also use the Career Pathways Center to learn career search techniques to explore career pathways and post-secondary options.

Certifications in TEC programs may be earned after course completions ranging from one semester to two years. TEC students with transcribed certifications are eligible to apply for articulation credit at Front Range Community College and/or escrow TEC credit with the Advanced Credit Pathway Program within the Colorado Community Colleges System.

Interested students should discuss TEC programs with parents and a home school counselor, complete a TEC enrollment form, meet with the TEC representative, and attend an Open House event. Students must be a minimum of 15 years old and being 16 years old is required for some programs. Students can enroll in either a morning or afternoon 165 minute block at TEC, while concurrently enrolled in a home high school.

A meeting between students and a TEC representative can be requested through the Fairview Counseling Office. A list of programs and their courses offered at TEC is provided in the Fairview Course Description Guide. For complete course descriptions, please pick up a TEC brochure at the Fairview Counseling Office.

SCHOOL POLICIES

NUMBER OF CLASSES: Juniors and seniors are required to have five classes each semester. Freshman and sophomores are required to have six classes each semester.

ATHLETIC ELIGIBILITY: To maintain athletic eligibility, a student must be enrolled in a minimum of five, five-credit BVSD courses each semester and cannot fail or withdraw/fail more than one course. For additional conditions pertaining to athletic eligibility, please contact the coach or Athletic Director.

GRADE POINT AVERAGE: The grade point average (GPA) is calculated by multiplying the points for each grade received by its corresponding unit of credit. The sum is divided by the total number of credits earned (unweighted A=4, B=3, C=2, D=1, F=0; weighted A=5, B=4, C=3, D=2, E=1, F=0). All courses in grades 9-12 are included in GPA.

WEIGHTED GRADES: The Board of Education of the Boulder Valley School District has identified certain courses as relatively difficult and has designated them to receive weighted grades, yielding a weighted GPA. This procedure was adopted to encourage students to take more rigorous academic courses and to have that information reflected in the transcripts sent to colleges and universities for admission. Many colleges, especially more selective ones, prefer to see students pursue a more challenging course of study in high school in order to be better prepared for college.

Transcripts for college admission will automatically have a weighted calculation for GPA but no class rank. The weighted GPA is used for most external and internal competitions, such as scholarships and awards.

CONCURRENT COLLEGE COURSES THAT QUALIFY FOR A WEIGHTED GRADE: University of Colorado courses with a course number of 2000 or above will automatically receive a weighted grade for the purposes of grade point average (GPA) calculations. Courses with a course number of less than 2000 (1000-1999) will not be eligible to receive a weighted grade. If there are extenuating circumstances where a student feels that their 1000 series course should be weighted, they may petition the Assistant Principal for Counseling Service for such consideration. Students should include the course number, official course description from the catalog of courses, the course syllabus, and their rationale for their request to have this course considered weighted. Students should schedule an appointment with their counselor to start this petition process.

Concurrent courses taken at other four-year universities and colleges, or two-year community colleges will need to be submitted with the above-noted petition for consideration. These courses will be considered on a case-by-case basis.

FAIRVIEW HIGH SCHOOL FOUR YEAR PLAN



9TH GRADE:

Semester 1

American Government (College-prep or PIB)
= _____
Language Arts (College-prep or PIB)
= _____
Math = _____
Science = _____
World Language* = _____
Comprehensive P.E.
Elective _____

Semester 2

World Geography (College-prep or PIB)
= _____
Language Arts (College-prep or PIB)
= _____
Math = _____
Science = _____
World Language* = _____
Elective _____
Elective _____

* Grad. Requirement is Level 2 or higher completed in High School Credits= _____

10th GRADE:

Semester 1

World Literature (College-prep or PIB)
= _____
World History or PIB US History
= _____
Math = _____
Science = _____
Health _____
Elective _____
Elective _____

Semester 2

World Literature (College-prep or PIB)
= _____
World History or PIB US History
= _____
Math = _____
Science = _____
Elective _____
Elective _____
Elective _____

Credits= _____

11TH GRADE:

Semester 1

American Literature (College-prep, IB, or AP)
= _____
U.S. History (College-prep or AP) or
IB World History _____
Elective _____
Elective _____
Elective _____
Elective _____
Elective _____

Semester 2

American Literature (College-prep, IB, or AP)
= _____
U.S. History (College-prep or AP) or
IB World History _____
Elective _____
Elective _____
Elective _____
Elective _____
Elective _____

Credits= _____

12TH GRADE:

Semester 1

Language Arts Elective _____
Elective _____
Elective _____
Elective _____
Elective _____
Elective _____
Elective _____

Semester 2

Communications _____
Elective _____
Elective _____
Elective _____
Elective _____
Elective _____
Elective _____

Credits= _____

BVSD Graduation Requirements Class of 2010 and Beyond Credit Check Worksheet

**Total Credits
Required to
Graduate: 220**

Student Name _____

Date _____

Write course number taken on the line provided in the course boxes. Retain this page and update annually as a record of courses taken and a guide for future requirements.

Credits Required for Graduation									
40	30	20	20	20	10	5	5	70 - 80	
Language Arts	Social Studies	Math <small>Algebra 1 or beyond (10)</small>	Science <small>Life Sci. (10) Phy. Sci. (10)</small>	PE Health 5	15 2nd Lang. Acquisition	Practical Arts	Fine Arts <small>Music or Art</small>	Electives	
May be fulfilled by overage of credits in other areas of studv.									
Freshman English (5)	U.S. Govern. (5)	(5)	(5)	9th Fitness (5) Comp. PE	(5)	(5)	(5)	(5)	(5)
Freshman English (5)	World Geog. (5)	(5)	(5)	Fitness (5)	(5)			(5)	(5)
World Lit. & Comp. (5)	World History (5)	(5)	(5)	Fitness (5)				(5)	(5)
World Lit. & Comp. (5)	World History (5)	(5)	(5)	Health (5)				(5)	(5)
Amer. Lit. & Comp. (5)	U. S. History (5)							(5)	(5)
Amer. Lit. & Comp. (5)	U. S. History (5)					MM*		(5)	(5)
Communi- cation (5)						CS*		(5)	(5)
English Elective (5)								(5)	(5)
Total	Total	Total	Total	Total	Total	Total	Total	Total	

Practical Arts

* Computer Science/Applied Tech. unless fulfilled in middle school. (J10, J31, J32, J34, D77, D78, D81, D87)

** All students must complete a 12 hour course in

**Money Management & Personal Finance unless fulfilled in middle school. (B42, B52, B60)

Second Language Acquisition

World Language at Level 2 or higher

Health

- Issues in Health - Fit for Life (1 yr.)
- Teen Challenge - LOYO (1 yr.)

Communication

- Comm. In Society
- Discussion & Debate
- Public Speaking-
- Acting
- Intro to Theater
- Video/Film Production
- TOK (1 yr.)

** Money Management is an on-line class (free) via BVSD and FHS website Business Department Homepage. (Approximately 12 Hours)

Requirements for Communication & English Elective are met by full year course in:
IB L.A. 12 / AP Lit. & Comp. / Senior Lit. / Comp.

Fairview High School

Four Year IB/AP Academic Plan for: _____

Date: _____

Post-Secondary Goal: _____ **Choir** _____ **Sports** _____ **Band** _____ **Other** _____

IB HL Exams: _____ **IB SL Exams:** _____

AP Exams: _____

	9 th Grade	10 th Grade	11 th Grade	Exam	12 th Grade	Exam
Group 1 Language A <i>English</i>	PIB LA 9 LA 9	PIB LA 10 World Lit & Comp	IB English 11 AP Literature & Comp. AP Language & Comp.		IB English 12 AP Literature & Comp. AP Language & Comp.	HL
Group 2 Language B <i>World Language</i>	PIB _____ 2 French and Spanish _____ 1 Latin and German	PIB _____ 3 French and Spanish _____ 2 Latin and German	IB _____ 4 French and Spanish IB _____ 3 Latin and German		IB _____ 5 French and Spanish IB _____ 4 Latin and German	
Group 3 <i>Social Studies</i>	PIB U.S. Government US Government PIB Geography World Geography	PIB U.S. History World History	IB World History (SL) IB Business and Mgmt AP U.S. History		IB History of the Americas (HL) IB Bus. & Mgmt (SL) IB Economics (SL) IB Philosophy (SL) IB Bus. Mgmt (SL)	
Group 4 <i>Science</i>	PIB Chem/ Physics Physical Science	PIB Biology I IB Chemistry I	PIB Biology I IB Biology II plus IB Biochem (SL) IB Chemistry I IB Chemistry II (SL) IB Physics I		IB Biology II plus IB Biochem (SL/HL) IB Chemistry I IB Chemistry II (SL) IB Physics I IB Physics II (SL/HL)	
Group 5 <i>Math</i>	Algebra I Hon. Geometry PIB Geometry Honors Algebra II Algebra II (Adv.) PIB Algebra II Honors IB Elem(f)/IB Calculus I	Geometry PIB Geometry (Honors) Algebra II Algebra II (Adv.) PIB Algebra II Honors IB Elem (f)/IB Calc IAP Calculus AB AP Calculus BC AP Statistics WT Pre-Calc ADV Pre-Calc	Algebra II (Adv.) PIB Algebra II Honors Precalculus 1 & 2 Precalculus 1 & 2 Adv. IB Math SL IB Elem (f)/IB Calc I AP Calculus AB AP Calculus BC AP Statistics WT		AP Calculus AB AP Calculus BC IB Math SL IB Math HL AP Statistics WT Calculus 2/3	
Group 6 Elective		AP Computer Science Bus. Foundations (sem) Music Theory	IB Art (SL) IB Theatre (SL) IB Music (SL) AP Computer Science IB Computer Sci (SL) IB Economics (SL) IB Philosophy (SL) IB Bus. Mgmt (SL) IB Film (SL) Or 2 nd Group 2, 3, or 4		IB Art (SL/HL) IB Theatre (SL) IB Music (SL/HL) AP Computer Science IB Comp. Science (SL) IB Film (HL) Or 2 nd Group 2, 3, or 4	
BVSD Graduation Requirements	Fitness PE Elective Practical Arts Money Management req.	PE Elective Fit for Life Health	/ ToK (S2)		ToK (S1) /	
BVSD Electives	Freshman Sem. (1x/wk)					
Classes per semester						

