

Grandview High School



Registration Guide
2011-2012

GRANDVIEW HIGH SCHOOL GRADUATION REQUIREMENT FOUR YEAR PLANNING GUIDE

As you plan your four years of study at Grandview, keep in mind not only the graduation requirements but also your post graduate goals. Most colleges and universities require more than is required for high school graduation.

	Grade 9	Grade 10	Grade 11	Grade 12
ENGLISH - 4.0 Credits				
SOCIAL STUDIES - 3.0 Credits Must include 1.0 credit U.S. History and .5 credit Government.				
MATH - 3.0 Credits				
SCIENCE - 3.0 Credits				
WORLD LANGUAGE - (refer to college entrance requirements)				
HEALTH - 0.5 Credit				
PHYSICAL EDUCATION - 1.5 Credits				
PERFORMING/VISUAL ARTS APPLIED TECHNOLOGY/BUSINESS VOCATIONAL EDUCATION - 1.5 Credits				
OTHER - 5.5 Credits (may include a world language)				
A <u>minimum</u> of 22.0 credits is required to graduate.				

Students and parents may access this four year planning guide and other post-graduate information on the Naviance website at www.connection.naviance.com/grandview

GRANDVIEW HIGH SCHOOL

Mission: To inspire academic achievement, responsible citizenship, and individual development in a supportive environment.

REGISTRATION GUIDE

A planning guide for Program of Study selection and registration

20500 East Arapahoe Road
Aurora, Co 80016
720-886-6500
Fax: 720-886-6598
e-mail: ghsweb@mail.ccsd.k12.co.us

This guide is also available on our website: www.ghs.ccsd.k12.co.us

TABLE OF CONTENTS

Introduction	i
GHS Counseling Department Philosophy/Belief Statements.....	ii
Career and Educational Planning Calendar	iii
Graduation Requirements/Commitment to the Core	v
CCHE Standards/Factors Influencing College Admissions	vi
Sample College Admission Cirteria	vii
NCAA Requirements	viii
Concurrent Enrollment.....	ix
Distinguished Scholar/AP Program	x
Valedictorian Requirements/Graduation Awards	x
Early Graduation Procedures	xi
Academic Policies.....	xii
English.....	1
Social Studies	5
Mathematics	9
Science	13
World Languages	17
Performing and Visual Arts	21
Instrumental Music	21
Vocal Music	23
Additional Performing Arts Courses	24
Theatre	25
Visual Arts	27
Technology Education	29
Computer Science	31
Business.....	34
Family and Consumer Sciences	37
Health/Physical Education	39
Student Achievement Services	43
Special Courses	45
ELA (English Language Acquisition) Program	47
Career and Technical Education	49

Welcome to Grandview High School! This Registration Guide has been developed to assist you in planning a course of study for your high school years.

The guide contains the requirements that you must meet to graduate from Grandview High School. It also contains descriptions of all the courses that will be offered at GHS and specifics on which courses will be available for the 2011-2012 school year. First, study the graduation requirements, college entrance requirements, Advanced Placement Program information, the criteria for Distinguished Scholar, and the recommended Grandview High School Four Year Plan. Then review the course offerings and plan your own course of study with your parents. Your choice of courses should be based on graduation requirements, teacher recommendations, your interests and abilities, your past achievements, and your post high school plans.

It is important to note that some of the elective courses listed in this guide may not be offered if the number of students requesting the course is insufficient. Select some alternate elective choices in case your first choice cannot be offered.

Registration Procedure for 2011-2012

1. Each student will receive a Registration Guide for family consideration.
2. Each student must complete a preregistration form indicating the courses desired for the 2011-2012 school year. (Parent signature is required and many courses require teacher recommendations and signatures.)
3. All students will complete the computer registration process to select courses in February/March.
4. Grandview High School will develop a master schedule of courses based upon registration requests.

Please think carefully about your course selections for next year. Talk to your teachers and counselor if you need advice. The Counseling Department, the faculty, and the administrators are available to offer assistance in your decision-making process. Please contact us at 720-886-6500 if you have any questions.

Kurt Wollenweber, Principal
Grandview High School

COUNSELING DIRECTORY **Counseling Office 720-886-6613** **Mental Health Office 720-886-6671**

Counselor	Works with Students	Email
Jean Clough	Class of 2012 A-L	jclough@cherrycreekschools.org
Molly Mugge-Cozza	Class of 2012 M-Z	mmugge@cherrycreekschools.org
Paul Eppard (Department Coordinator)	Class of 2013 A-K	peppard@cherrycreekschools.org
Tammy Dodson (Post Graduate Coordinator)	Class of 2013 L-Z	tdodson@cherrycreekschools.org
Cathy Binford	Class of 2014 A-K	cbinford@cherrycreekschools.org
Ryan Seely	Class of 2014 L-Z	rseely@cherrycreekschools.org
Darcy Peterson	Class of 2015 A-La	dpeterson@cherrycreekschools.org
Mark Fisher	Class of 2015 Lb-Z	mfisher13@cherrycreekschools.org

GHS Counseling Philosophy Statement

The Cherry Creek School District adheres to the philosophy that the school counseling program is an essential and integral part of the overall education process. The comprehensive program is built on the assumption that certain educational, career, and personal objectives are attainable when school counseling for all students is provided. This implementation acknowledges that school counseling is no longer a service to be offered by one person, but a program coordinated with other educators incorporating a comprehensive curriculum. Growth and learning are developmental; therefore, school counseling must be developmental and sequential.

The Grandview High School Counseling Department, when fully implemented, will provide:

- A school counseling program that reaches the needs of 100 percent of the student population.
- A programmatic approach to school counseling services/programs.
- Accountability for school counseling programs.
- Counselors who devote full time to the program's implementation and who work toward the elimination of inappropriate school counseling tasks.
- Identification and achievement of student competencies and outcomes through the school counseling program.

Beliefs

The Grandview Counselors believe:

- All students have the right to be served by the school counseling program.
- The school counseling program shall be held accountable to our defined goals and student competencies.
- The school counseling program should be consistent with expected developmental stages of learning.
- School counseling program activities shall be planned and coordinated by the counseling staff.
- All students:
 - have dignity and worth.
 - should have access to a school counselor to discuss personal/social concerns.
 - should have access to resources and services regarding academic and career planning.
 - should have the opportunity to make choices within their educational system.
- All students' ethnic, cultural, and racial differences and special needs are considered in the planning and implementation of the school counseling program.
- The student and guardian are responsible for monitoring the student's educational progress with the assistance of a professional school counselor.
- An ongoing program of counselor professional development is necessary to maintain a quality school counseling program.
- Our school counseling program will continue to align with the professional mandates and guidelines proposed by ASCA and CSCA.

**GRANDVIEW HIGH SCHOOL
CAREER AND EDUCATIONAL PLANNING CALENDAR**

FRESHMAN YEAR

SOPHOMORE YEAR

August Check in on assigned day.

September All freshmen and their parents are encouraged to attend the “Passages” meeting scheduled the evening of Back-to-School Night. The “Passages” meeting is designed to give students and parents information about Grandview, its beliefs, and its values. Counselors will discuss ways that parents and students can make the high school years successful and how Grandview counselors will work with students over their high school careers to meet their post high school goals. During the first quarter of their freshman year, students will complete an Individual Career and Academic Plan (ICAP) on the Naviance website as part of the Freshman Seminar program.

Take the Explore test on College Readiness Day.

September - June Discuss with teachers, parents, and counselors any concerns about grades, academic achievement, and preparation for post-high school goals.

Parents are encouraged to attend Back-to-School night and parent conferences.

February Read and review course offerings in the Registration Guide. Discuss questions and concerns with parents, teachers, and counselor. Complete registration for sophomore year.

August Check in on assigned day.

September Take the PLAN test on College Readiness Day

September - June Continue to self-monitor academic progress, seeking help and support when needed.

Parents are encouraged to attend Back-to-School night and parent conferences.

Continue to explore post high school options.

Attend college information workshops and any college fairs that are held in the Denver-Metro area.

Complete the Sophomore Seminar tasks outlined on Naviance website.

October Attend Sophomore Update meeting with counselors to gain career and post-graduate information utilizing the Naviance website.

Consider taking the PSAT. Discuss with counselor.

February Attend Post Graduate Planning Workshops.
Workshops will include the following topics:

- post high school opportunities
- college admission tests
- college admission requirements
- Advanced Placement information

Read and review course offerings in the Registration Guide. Discuss questions and concerns with parents, teachers, and counselor. Complete registration for junior year.

May Take Advanced Placement examinations.

JUNIOR YEAR

August	Check in on assigned day. Take the practice ACT test on College Readiness Day.
September - June	Continue to self-monitor academic progress seeking help and support when needed. Parents are encouraged to attend Back-to-School night and parent conferences. Take ACT Prep Course if appropriate. The ACT Prep Course is offered at Grandview. Continue to explore post high school options. Complete the Junior Seminar tasks outlined on the Naviance website. Attend college information night, and college fairs held in the Denver-Metro area. Meet with college admission representatives when they visit Grandview.
October	Take the PSAT Exam. Attend Fall Junior Conference with counselor to review/discuss high school credits, post high school goals, and begin the college search process utilizing the Naviance website.
February	Attend Post Graduation planning workshops. Workshops will include the following topics: <ul style="list-style-type: none">•post-high school opportunities•college admission tests•college admission requirements•how to apply to college•financial aid and scholarships Read and review course offerings in the Registration Guide. Discuss questions and concerns with parents, teachers, and counselor. Complete registration for senior year and continue post graduate planning at Spring Junior Conference. Register for May or June ACT and/or SAT Exams.
February - August	Make college visits; interview college admissions representatives and narrow your list of tentative college choices.
April	Take the ACT test (state mandated). Attend Spring Junior Conference with counselor, a follow up to the Fall Junior Conference.
May	Take Advanced Placement examinations.
June	Take ACT and/or SAT Exams or SAT subject tests if necessary. Discuss results with counselor.

SENIOR YEAR

August	Check in on assigned day. Review schedule for graduation requirements. Participate in College Readiness Day activities.
September - June	Continue to self-monitor academic progress seeking help and support when needed. Take ACT Prep Course if appropriate. The ACT Prep Course is offered at Grandview. Complete the Senior Seminar tasks outlined on the Naviance website.
October - November	Attend Senior Update meeting with counselor to begin college application process and to review summary of high school credits. Take/retake ACT and/or SAT I and Subject Exams. Meet with college admissions counselors and continue to make campus visits. If necessary, request letters of recommendation from your counselor and from teachers who are familiar with you and your academic potential. Use the letter of recommendation request form available on Naviance.
	Finalize college applications.
January	Complete and file financial aid forms and applications. Submit scholarship applications according to identified deadlines.
April	Notify college of your choice.
May	Take Advanced Placement examinations. Complete senior check out. Obtain counselor graduation verification. Request final transcripts be sent to college of choice.

GRADUATE!

**CHERRY CREEK SCHOOL DISTRICT
GRADUATION REQUIREMENTS**

COURSES	CREDIT
English	4.0
Social Studies (Must include 1 credit of U.S. History and .5 credit of Government.)	3.0
Mathematics	3.0
Science	3.0
Physical Education	1.5
Health	0.5
Fine Arts/Technology Education/Business/Family and Consumer Sciences or Career and Technical Education	1.5
Required	<u>16.5</u>
Electives	<u>5.5</u>
Minimum Total Requirements	<u>22.0</u>

Students may participate in a Grandview High School graduation ceremony only when **all** of the above Cherry Creek Graduation Requirements have been completed. Students who must attend summer school to complete **all** of their graduation requirements are eligible to participate in a summer commencement held in August.

The Cherry Creek School District strongly encourages students to participate in a rigorous academic core curriculum.

COMMITMENT TO CORE ENROLLMENT

Grandview High School and the Cherry Creek School District share a strong belief that student enrollment in **The Academic Core** “is essential preparation for college and a career.”

The Cherry Creek School District Board of Education strongly encourages the following rigorous academic core curriculum:

English	4 years
Social Studies	4 years U.S. History, World History, American Government
Mathematics	4 years Algebra I and beyond
Science	4 years Physical/Earth Science, Biology, Chemistry, Physics
World Language	2 years or more (Completion of level 3 in a World Language is required for admission to most university programs).

The College Board (SAT Test) defines The Academic Core as 20+ credits in English, Social Studies, Mathematics, Science, and World Languages.

Grandview High School expects that all freshmen, sophomores, and juniors enroll in a minimum of four (4) core courses/credits each year (one in each of the four areas identified above). Seniors must enroll in a minimum of 4 core courses/credits or a minimum of three AP courses. In addition, Grandview recognizes World Languages as a part of the Academic Core and strongly recommends that students complete, at a minimum, level 2 or 3 of a world language. Any consideration of a waiver of these expectations will be approved on an individual basis by the principal or administrative designee.

COURSE LOADS

Freshmen and sophomores must enroll in 7 credits; juniors must enroll in a minimum of 6 credits; seniors must be enrolled in a minimum of 5 credits.

THE PRECOLLEGIATE CURRICULUM

The Colorado Commission of Higher Education (CCHE) has created a **Precollegiate Curriculum** that first impacted the graduating class of 2010. To gain admission to any four-year public institution in Colorado, students must demonstrate successful completion of the following coursework:

English	4 Credits
Math (Algebra 1 level and higher)	4 Credits
Natural Sciences (2 credits must be lab-based)	3 Credits
Social Sciences (at least 1 credit of U.S. or World History)	3 Credits
Foreign Language (must be same language)	2 Credits
Academic Electives (see note below)	2 Credits
TOTAL	18 Credits

Note 1: An academic credit, often referred to as a Carnegie credit, is equivalent to one full year of credit in a specific subject.

Note 2: For examples of acceptable precollegiate courses, academic electives, and answers to frequently asked questions, go to: www.state.co.us/cche/academic/admissions.html. Click on "precollegiate course completion requirement" (this requires Acrobat Reader) and click on [Guide to Courses](#). You can check to see if your courses meet the requirement by clicking on [College Entry Level Expectations](#). This will connect you with the CCHE policies.

It is important to note that admission officers at these institutions will continue to give preference to students who have demonstrated competence in a rigorous course of study over students who attain a good grade point average by taking less demanding courses.

** Please be aware that these requirements differ slightly from Cherry Creek School District graduation requirements.*

FACTORS INFLUENCING COLLEGE ADMISSIONS

Each year, the National Association for College Admission Counseling (NACAC) surveys colleges and universities to determine the *top factors influencing admission decisions*. According to the 2010 "State of College Admission Report," the following factors, in order of importance, were:

1. Grades in College Prep Courses
2. Strength of Curriculum
3. Admission Test Scores
4. Grades in All Courses
5. Essay or Writing Sample
6. Students Demonstrated Interest
7. Teacher Recommendation
8. Counselor Recommendation
9. Class Rank
10. Extracurricular Activities
11. Portfolio
12. Subject Test Scores (AP, IB)
13. Interview
14. SAT II Scores
15. State Graduation Exam Scores
16. Work

Colleges strongly recommend the following:

Academics:

- ◆ **Choose a rigorous course load.** Seek out courses that are challenging. Colleges would rather see a lower grade in a more challenging course than the "easy A." But remember the best scenario is good grades in challenging classes.
- ◆ **Make sure your courses are appropriate and in logical progression.** Meet with your counselor to ensure you are on the right track.
- ◆ **Enroll in at least four core classes (English, social studies, math, science, World language) each semester.**
- ◆ **Get to know your counselor and teachers on an individual basis. These are the people who will be writing your recommendations.**
- ◆ **Keep your best work.** Colleges may offer you a chance to submit supplementary material that demonstrates your achievements.
- ◆ **Establish good study habits.** Grades in the academic core areas (English, math, science, social studies, and foreign language) are the best predictors of success in college.
- ◆ **Read!** Studies have shown that one of the best preparations for the college admission tests (SAT and ACT) is to read as much as possible.

Extracurricular:

- ◆ **Find activities, both in and out of school, that you enjoy and that provide an outlet for your non-academic side.**
- ◆ **Go for quality rather than quantity.** Colleges admire students who put significant effort into one or two activities rather than students who put little time into many activities.

SAMPLE COLLEGE ADMISSION CRITERIA

Admission criteria to colleges and universities vary. On a continuum of expectations and requirements, the following examples provide general indicators.

Most Selective Colleges/Universities

Examples: U.S. Air Force Academy, Stanford University, University of Pennsylvania, Northwestern University, Duke University

Minimum of 18 core units: English 4, Math 4, Social Studies 3-4,
Science 3-4, World Language 3-4
6+ Advanced Placement Courses

G.P.A. 4.2+ weighted GPA (academic courses only)

*SAT 720 Critical Reading, 730 Math, 720 Writing

**ACT 32+

Very Selective Colleges/Universities

Examples: Colorado College, Colorado School of Mines, University of Puget Sound, Middlebury College, Illinois Wesleyan University, Tulane University

Minimum of 18 core units: English 4, Math 4, Social Studies 3-4,
Science 3-4, World Language 3-4
4+ Advanced Placement Courses

G.P.A. 4.0 weighted GPA (academic courses only)

*SAT 700 Critical Reading, 650 Math, 670 Writing

**ACT 29+

Selective Colleges/Universities

Examples: University of Colorado-Boulder, University of Denver, Colorado State University, Regis University, Arizona State University, American University

Minimum of 16 core units: English 4, Math 3-4, Social Studies 3,
Science 2-3, World Language 2-3
Advanced Placement Courses Highly Recommended

G.P.A. 3.5+

*SAT 1200+ (excluding writing score)

**ACT 25+

Competitive I Colleges

Examples: University of Northern Colorado, Colorado Christian University, University of Colorado at Colorado Springs, University of Colorado at Denver, Texas Christian University

Minimum of 15+ core units: English 4, Math 3-4, Social Studies 3,
Science 2-3, World Language 2-3
Advanced Placement Courses Recommended

G.P.A. 3.3+

*SAT 1000+ (excluding writing score)

**ACT 23+

Competitive II Colleges

Example: Fort Lewis College, Adams State College, Mesa State College, Metropolitan State College of Denver, Colorado State University of Pueblo, Western State College, Baker University, Grambling State University

Minimum of 14 core units: English 4, Math 3-4, Social Studies 3, Science 2-3
World Language 2

G.P.A. 3.0+

*SAT 900+ (excluding writing score)

**ACT 20+

*The SAT college admissions exam does have a writing component. Please check with individual institutions.

**The ACT college admissions exam does have an optional writing component. Please check with individual institutions.

INFORMATION FOR PROSPECTIVE COLLEGE ATHLETES NCAA ELIGIBILITY CENTER

Students who wish to participate in collegiate athletics at the Division I or II level must apply for certification with the National Collegiate Athletic Association (NCAA) Eligibility Center during the spring of the junior year of high school. Grandview counselors can assist students in completing the paperwork necessary in this process.

DIVISION I

16 Required Core Courses

- Four years of English;
- **Three** years of mathematics (algebra 1 or higher level);
- Two years of natural or physical science (including one year of lab science if offered by your high school);
- One extra year of English, mathematics or natural/physical science;
- Two years of social science; and
- **Four** years of extra courses (from any category above or world language, non-doctrinal religion or philosophy)

DIVISION II

14 Required Core Courses

- Three years of English;
- Two years of mathematics (algebra 1 or higher level);
- Two years of natural or physical science (including one year of lab science if offered by your high school);
- **Two extra years of English, mathematics or natural/physical science;**
- Two years of social science; and
- **Three years of extra core courses (from any category above, or world language, non-doctrinal religion or philosophy)**
- **Beginning with the class of 2013, students will be required to complete 16 core courses.**

LIST OF NCAA APPROVED CORE COURSES

The NCAA Eligibility Center has approved courses for use in establishing the certification status of student-athletes from Grandview High School. If you intend to participate in college athletics, please see your counselor concerning how this list affects your registration for classes.

To access Grandview's List of Approved Core courses:

- Go to www.ncaaclearinghouse.net
- Click on "General Information"
- Click on "List of Approved Core Courses" on left hand side.
- Enter our high school code 060081 in the box and click "Submit"
- Click on the "All Subject Areas" box and then click "Continue"
- You now have the most up-to-date list of our Approved Core Courses.

Be aware that not all GHS Core Courses are approved by the NCAA Eligibility Center.

We strongly encourage student-athletes and parents to consult the list of Approved Core Courses early in their academic planning to ensure that approved courses are selected.

For more information on eligibility requirements:

- Go to www.ncaaclearinghouse.net
- Click on "Student-Athletes and Parents" under "General Information"
- Click on "Guide for the College-Bound Student-Athlete," which provides specific information on the eligibility process.

Clearinghouse Contact Information

NCAA Eligibility Center
P.O. Box 7136
Indianapolis, IN 46207
877-262-1492 (toll-free)
317-968-5100 (fax)
www.ncaaclearinghouse.net

New Core GPA/Test Score Index

Core GPA	SAT*	ACT**
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Concurrent Enrollment Program



Concurrent Enrollment

Cherry Creek School District is offering college credit to qualified students for successful completion of the following courses at Grandview High School;

CE Introduction to College Composition	CE Engineering Design
CE College Algebra	CE Intro Computer Programming
CE Accounting 2	CE Multimedia
CE Business Law	CE Robot Technologies
CE Business and Personal Finance	CE Senior Design
CE Computer Applications	CE Web Design 2
CE Marketing 2	CE Intermediate Algebra
CE Computer Programming 2	

College credit for the above courses is offered through the Community College of Aurora.

To qualify for these opportunities, a student must first complete pre-requisite which may include: Accuplacer, ACT scores, and/or course completion.

The following courses are offered through the University of Colorado, Denver;

- CE Intermediate German 1
- CE Intermediate German 2

Below are the facts you should know:

- The student will also receive high school graduation credit for their CE course.
- The student must be enrolled in this class for the entire semester or year and finish with a grade of C or higher.
- Students are required to complete a Concurrent Enrollment application for each course. A Concurrent Enrollment application form shall include, but need not be limited to, the following: Assurance of consent by the Qualified Student and parent or legal guardian to the following: The Qualified Student will register for the College Opportunity Fund (COF) stipend and understands that credits earned will be deducted from the COF lifetime account (145.0 credit hours) for courses being taken at Institutions of Higher Education that participate in the College Opportunity Fund, with the exception of basic skills credits.
- The college credit will be awarded through ACC. Students should check with their transferring institution regarding the transferability of the course.
- Students may enroll in the courses listed above without earning college credit.

DISTINGUISHED SCHOLAR PROGRAM

Distinguished Scholar status will be conferred after seven semesters in January of the senior year and will be based on the recommendation of the faculty scholarship committee.

Criteria for Distinguished Scholar Status:

- Demonstrated academic scholarship in at least three AP classes
- Completed or enrolled in the Socratic Seminar
- Achieved a cumulative GPA (unweighted) of 3.75 or above by the end of seven semesters
- Demonstrated evidence of community service
- Demonstrated evidence of school involvement in the arts, in student activities, or in athletics
- Demonstrated good citizenship

Distinguished Scholars will be recognized at the second semester Academic Awards Ceremony as well as at graduation.

GRANDVIEW ADVANCED PLACEMENT PROGRAM

Grandview High School offers a comprehensive Advanced Placement Program (AP). The Program, sponsored by the College Board, is an intensive program of college-level courses and examinations offered in high school. AP examinations are graded on a scale of 1 to 5, with 1 indicating “no recommendation” and 5 indicating “extremely well qualified.” The College Board, the Advanced Placement Program, and the American Council on Education concur that grades of 3, 4, and 5 should be considered qualifying grades by colleges and universities. Students who earn satisfactory grades on AP exams may be granted credit by their college or university. Students may also be eligible for AP Scholar awards which recognize high school students who demonstrate college-level achievement on specified numbers of AP exams. The Advanced Placement Program charges a fee for each examination taken. Additional information is available from the AP Coordinator in L104 or Counselors.

VALEDICTORIAN REQUIREMENTS:

Candidates for Valedictorian at Grandview High School will be identified after the fall semester of their senior year. At the end of the spring semester, the senior(s) in the graduating class who have the highest unweighted grade point average and who satisfy the following additional criteria will be honored at commencement as class valedictorian(s).

Additional eligibility requirements for valedictorian areas follows:

- Attend Grandview High School for two consecutive semesters prior to graduation
- Completed a minimum of 25 credits using the A-F grading scale
- Completed a minimum of eight college semester credits of Advanced Placement classes meeting the criteria:
 - ✓ Students must take Advanced Placement classes across four different curricular areas and completed AP exams in those classes.
 - ✓ Two AP classes must be taken during the senior year using the A-F grading scale.

1 College Credit AP Courses

Biology
Calculus AB
Calculus BC
Chemistry
Chinese
Computer Science AB
English Language
English Literature
European History
French Language
German Language
Music Theory
Physics B
Physics C
Spanish Language
Spanish Literature
United States History
World History

.5 College Credit AP Courses

Computer Science A
Environmental Science
Human Geography
Psychology
Statistics
Government and Politics: US Comparative
Government and Politics: US
Macroeconomics
Microeconomics

PARTICIPATION IN GRADUATION

Participation in the Grandview Commencement ceremony will be possible for those students who

1. have completed **all** requirements for graduation,
2. have attended, with a parent or guardian, the graduation meeting held in the spring, and
3. have attended the required graduation practice.

There is a district summer commencement ceremony for those students who complete the graduation requirements during the summer months.

GRADUATION HONORS

The following awards will honor students as listed below. Only these awards may be worn over gowns at the graduation ceremony.

Valedictorian	Valedictorian Medal
Distinguished Scholar	Black Stole
3.75 and above weighted GPA	Blue and White Cord
3.5 to 3.749 weighted GPA	Black Cord
Department Awards	White Cord
Faculty Awards	Gold Cord

EARLY GRADUATION PROCEDURES

The Cherry Creek Board of Education policy regarding graduation provides for early graduation requests. For students wishing to apply for early graduation, the procedure is as follows:

1. The student will meet with his/her counselor to develop a plan for early graduation. The counselor and student will complete the Summary of Credits section of the Early Graduation Request form. The Early Graduation Request form will be given to the student in order for them to obtain the required signatures. **Note: Students must meet the graduation requirements of their original graduation class.**
2. The student will return the completed Early Graduation Request form along with the following:
 - Student letter requesting early graduation including rationale and post graduation plans.
 - Parent letter of support
 - Transcript of credits to date
 - Current class schedule
3. The completed application will be forwarded to the Assistant Principal for final approval. The Assistant Principal will schedule a conference with the student and his/her parents/guardians to discuss the early graduation request and the responsibilities of the student upon approval.
4. Seniors desiring early graduation at the end of the first semester must submit the above documents no later than **March 30 of their Junior year**. Juniors desiring to graduate at the end of their junior year must submit the above documents no later than **January 31 of their Junior year**.
5. Students graduating early will not be eligible for the Valedictorian award which requires 8 semesters of high school credit.
6. Copies of the approved EGR will be forwarded to the following offices:
 - a. Counseling
 - b. Records Office
 - c. Activities Office/Graduation secretary
 - d. Parent/Student
 - e. Administration (Assistant Principal)

Early Graduation Guidelines for Approved Juniors

1. Juniors who have been approved to graduate a full year early will be coded as Seniors by the Records Office immediately following approval of their request. This will eliminate their ability to take the state mandated ACT for Juniors in late April of each year.
2. Juniors will take final exams during the Senior final exam period.
3. Juniors will check out of school during Senior check out.
4. Juniors may participate in commencement if desired and arranged with the Activities Office. Juniors are responsible for all cap and gown rental and must attend all graduation meetings and practices as outlined in the Senior bulletin.
5. Juniors may be included in the Senior section of the yearbook if a Senior picture is submitted to yearbook staff according to the yearbook staff timeline (typically September 30).
6. Juniors graduating early may participate in Senior end of the year activities.

Early Graduation Guidelines for Approved Seniors

1. Seniors graduating one semester early will take final exams during the January exam period.
2. Seniors must complete the withdrawal process at semester. This begins in the Records Office.
3. **Seniors must return for final check out with their class in May.** Seniors will need to show their Bookkeeping check out form to verify outstanding fine status for final graduation clearance.
4. Seniors must contact the graduation secretary in the Activities Office to arrange for second semester receipt of the senior bulletins and graduation information. They must also finalize all cap and gown orders, diploma information, etc.
5. Seniors may participate in second semester evening school activities using their student ID.
6. Seniors graduating a semester early may use school resources (Post Grad Center/ Library etc.) during the school day, but must obtain a Visitors Pass from GHS security to do so.

REPORT CARDS AND PROGRESS REPORTS

Mid-semester report cards will be distributed to parents at the fall parent/teacher conferences. Subsequent mid-semester report cards are available on PowerSchool and will not be mailed home. Semester grades are reported after final exams and will be recorded on the student's permanent record (transcript), and mailed home.

Progress reports are one way teachers can advise parents of a student's behavior, attendance, study skills, assignments and performance. Progress reports are information for students and their parents and are not recorded in the student's cumulative record.

Progress Report	Friday, September 16, 2011
Mid Semester Progress Report	Tuesday, October 18, 2011
Progress Report	Friday, December 2, 2011
End of First Semester	Tuesday, January 17, 2012
Progress Report	Friday, February 17, 2012
Mid Semester Progress Report	Friday, March 23, 2012
Progress Report	Wednesday, May 2, 2012
End of Second Semester	Tuesday, June 5, 2012

ACADEMIC POLICIES

WEIGHTED GRADES/TRANSCRIPTS

The Cherry Creek School District offers students and parents the opportunity for an official transcript that reflects a weighted grade point average. Weighted grades are given in those courses designated as either Honors or Advanced Placement. The difference between weighted and unweighted grades in terms of grade point value is as follows:

<i>Grading Scale</i>			
<u>Grade</u>	<u>%</u>	<u>Unweighted Point Value</u>	<u>Weighted Point Value</u>
A+	98-100	4	5
A	92-97	4	5
A-	90-91	4	5
B+	88-89	3	4
B	82-87	3	4
B-	80-81	3	4
C+	78-79	2	3
C	72-77	2	3
C-	70-71	2	3
D+	68-69	1	1
D	62-67	1	1
D-	60-61	1	1
F	59 and below	0	0

Grandview uses both weighted and unweighted GPA for honors distinctions and class rankings.

HOMEWORK

Homework is a vital component of a high school education. Teachers use homework for a variety of educational purposes including: reinforcement of classroom learning, internalization of key concepts through regular practice and thoughtful repetition, opportunities for creative expression that address various learning styles, and preparation for proficiency exams. Students who consistently give their best effort on homework assignments experience greater retention of knowledge and improved academic success. On Grandview's block schedule, each class will meet on alternating days; therefore, students are strongly encouraged to maintain a daily homework routine.

MAKING UP MISSED WORK AT GRANDVIEW

Excused Absences:

A reasonable length of time will be allowed for students to prepare and hand in make up work due to excused absences. District Policy allows for two days to make up missed work for each day a student is absent (Two days means two class contact days).

Previously assigned work is due upon return.

Grandview will support a culture which fosters student responsibility and will facilitate the communication of homework assignments through teacher/student interactions, help from classmates, information on boards or in the resource center, or home pages. The school, upon request from a parent, will send out homework requests for students who will be absent three consecutive days or more. Homework can be picked up in the counseling office 24 hours after the request.

EARLY FINAL EXAM REQUESTS/EARLY STUDENT CHECK-OUT

Students are strongly encouraged to take their final exams during the regularly scheduled times, including all final exams at the end of the school year. Students leaving GHS prior to scheduled exams (family vacations, summer employment, family celebration such as weddings and graduations, etc.) may be required to take late exams upon the student's return in order to protect the integrity of common assessments. Exams will be proctored in the main office by appointment during the summer and graded when teachers return in the fall. Semester grades for students leaving school early will be calculated based upon the student's current grades plus a final exam value of zero, therefore, lowering the semester grade. After completion of the final exam, grades will be recalculated and reflected on the student's next report card and transcript.

In rare situations, however, there are emergency circumstances that necessitate consideration for a different final exam or check-out timeline. All requests for early final exams or early check-out must be submitted to the office of the Assistant Principal for consideration.

HONOR ROLL

Students with a weighted grade point average of 3.50 or better for the semester are named to the Grandview Honor Roll.

SCHEDULE REPAIRS

Grandview High School works collaboratively with students as they plan a course of study that fulfills Cherry Creek School District graduation requirements and prepares them for their post-high school goals. This careful planning begins each winter when students, parents, teachers, and counselors carefully consider Grandview's curricular offerings and identify appropriate coursework for the next school year. The Master Schedule is built and each student's schedule is created.

The following timetable provides information regarding schedule repairs for the 2011-2012 school year.

August 8-11 Check-in. Counselors will be available during check-in to repair schedules that are incorrect. Examples of schedule **repairs** include the following:

- ❖ An incomplete schedule resulting from the closure of a requested course
- ❖ A schedule that does not include a sufficient number of credits (freshmen and sophomores must take seven credits, juniors must take six credits, and seniors must take five credits)
- ❖ A schedule that does not include a sufficient number of core classes (English, science, social studies, and math)
- ❖ A schedule that is unbalanced (e.g. four classes first semester and six classes second semester)
- ❖ A schedule that places a student in the wrong level of a course (e.g. a student who has not yet passed Spanish 1 is placed in Spanish 2)
- ❖ A schedule that does not include a course required for graduation (applies to seniors)

August 22 Classes begin. Students will be expected to follow the schedule received at check-in

August 29 From this date on, withdrawal from any class carries a WP (withdrawal passing) or WF (withdrawal failing) and this mark will appear on the transcript and impacts athletic eligibility

October 3 From this date on, withdrawal from any class carries an automatic "F" for the semester and the "F" will appear on the transcript

January 11-13 Second semester schedules distributed

January 18	Second semester begins. Students are expected to follow the schedule provided
January 25	From this date on, withdrawal from any class carries a WP (withdrawal passing) or WF (withdrawal failing), and this mark will appear on the transcript
February/March	Registration. Students, with the help of teachers, parents, and counselors, select coursework for the following school year
March 1	From this date on, withdrawal from any class carries an automatic "F" for the semester and the "F" will appear on the transcript

WITHDRAWING FROM A CLASS

All students are encouraged to complete all coursework. Freshmen and sophomores must be enrolled in three and one-half (3.5) credits each semester, juniors must be enrolled in three (3) credits each semester, and seniors must be enrolled in a minimum of two and one-half (2 1/2) credits each semester. In rare instances where withdrawal from a course is necessary, students must work with their counselor, teacher, and parents to determine the appropriate outcome.

Withdrawal Timeline

Transcript Notation

Withdrawal during first week of semester:

No Record

Withdrawal during first six weeks of semester:
(August 29-September 30, 2011)
(January 25 to February 29, 2012)

WP if passing course
WF if failing course

Withdrawal after October 3, 2011 or
after March 1, 2012.

Semester Grade of "F"

Note: Students withdrawing from school after the first six weeks of the semester and not transferring to another school will receive an "F" for each of their courses.

REQUEST TO AUDIT A COURSE

Students wishing to audit a course must have their requests approved and on file prior to the beginning of the sixth (6th) week of the semester. Students should be aware that courses that are audited receive no credit and no grades are awarded. Requests must be made through the student's counselor.

PERMISSION TO BE EVALUATED ON A PASS/FAIL BASIS

Students may not take more than one credit per academic subject area on a pass/fail basis. The "S" or "US" will not be calculated in the grade point average. The request must be made through the student's counselor and must be approved and on file in the Records Office before the beginning of the sixth week of the semester. The pass/fail grade earned cannot be changed to a letter grade

SUMMER SCHOOL INFORMATION AND GUIDELINES

Students who wish to attend summer school and have their summer school credit replace grades already earned must have their summer school course requests approved by their counselor or by the Grandview registrar. The grade awarded the second time the course is taken is the grade that will be used to calculate grade point average (even if the grade is lower). Every effort should be made to have this approval in place prior to the end of the school year.

Students may not accelerate through core academic courses by taking a six week summer school course instead of a thirty-six week course at Grandview (i.e. students may not take summer school Geometry to bypass it so that they can move to the next level of mathematics). Summer school is for enrichment or remediation.

High school elective courses taken after the eighth grade has been completed will be placed on the high school transcript. Grades earned will be reflected with high school credit awarded for successful completion of the course(s).

CREDITS EARNED OUTSIDE CHERRY CREEK SCHOOL DISTRICT

OUTSIDE CREDITS

(Defined as those credits earned outside the normal Cherry Creek School District curricular offerings.)

1. Coursework taken in schools/programs outside of the Cherry Creek School District may be considered for credit **only** if documentation is received on an official transcript from an accredited school.

2. A maximum of two units of credit earned outside the Cherry Creek School District may be applied toward graduation. (Correspondence, Summer School earned in another school district etc.) However, if the student's class has graduated, additional credit needed to complete graduation may be earned by various means.
3. A student wishing to take correspondence courses should contact his/her counselor for the procedure involved.

TRANSFER CREDITS

1. Students who transfer to Grandview High School from outside the district will have their transcript evaluated by the Registrar's office. Although Grandview High School will accept all credits coming from another district, the specific category in which these credits are applied is up to the discretion of the Registrar. Honors credit (weighted grades) will only be given if Grandview offers the same honors class within our curriculum.
2. Transfer grades coming from an accredited academic institution will receive point values towards a GPA that correspond to that particular letter grade. Transfer grades coming from non-academic programs will receive credit on a pass/fail basis.
3. Students who bring in transfer credits from a foreign school will receive pass/fail credit only.
4. Students who wish to take course work for credit outside of the Cherry Creek School District must first meet with their Counselor and assistant principal to gain prior approval.
5. In order to graduate from Grandview High school, one complete semester of residence/enrollment is required in the last semester prior to graduation.

STUDENT RECORDS

It is extremely important that we are able to communicate with you. If you move or change your telephone number, please call our records office at 720-886-6542.

Inspection Policy:

Grandview complies with the Family Educational Rights and Privacy Act of 1974 (the Buckley Amendment). Essentially, the Act permits parents to access most school records which relate to their student. In addition, records may not be released without written consent of the parents except for school to school communications. When a student attains the age of 18, however, the rights previously accorded to the parents are transferred to the student. Individuals accessing school records must show proof of identification to obtain a copy of a student's report card or transcript.

Procedure:

A written request will be submitted to the records office at Grandview High School. A meeting with the counselor will be arranged within the next three working days. In keeping with the spirit of the Buckley Amendment, this conference will be an informal meeting to review and interpret information contained in the student's records.

Transcripts:

Students may request an unofficial copy of their transcripts in the Records Office. Students must show a photo ID. Please allow up to 48 hours.

Transcripts are considered historical documents that cannot be altered without the involvement of the teacher and must reflect the high school course work attempted by each student.

Students who have entered Grandview High School from home school or any non-accredited school may receive credit towards graduation, but letter grades will not be awarded. Instead, transcripts will reflect an S or a U grade.

Home school students must complete a minimum of one full semester at Grandview during their senior year to receive a Grandview diploma.

INDEPENDENT STUDY - CONTRACT COURSE OF STUDY

A student wishing to pursue a course of study not available in the regular curriculum should see a counselor for specific information.

DEFINITION OF TERMS

Credit: Recognition that a student has fulfilled a requirement leading to high school graduation. Grandview students must earn a minimum of 22 credits in order to graduate.

1 Credit: A credit equals two successfully completed semesters (36 weeks) of coursework.

1/2 Credit: One-half credit equals one semester (18 weeks) of successfully completed coursework.

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

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

Grade Points: Points assigned to each course credit in accordance with the letter grade earned in the course.

The Cherry Creek School District offers students and parents the opportunity for an official transcript that reflects an unweighted and a weighted grade point average. Weighted grades are given in those courses designated as either Honors or Advanced Placement. The difference between weighted and unweighted grades in terms of grade point value is as follows:

Unweighted	Weighted
A = 4 grade points	A = 5 grade points
B = 3 grade points	B = 4 grade points
C = 2 grade points	C = 3 grade points
D = 1 grade point	D = 1 grade point
F = 0 grade points	F = 0 grade points

Rank in Class: A student's relative standing in his or her class. Class rank is determined by comparing the cumulative grade point averages of all students in the class and ranking them in order from highest to lowest.

DISTRICT PROFICIENCIES

As students work to meet Cherry Creek School District proficiencies, the goal for high school students is to perform at the proficient level or above in reading, writing, mathematics, science, and social studies according to course expectations. Complete information regarding proficiencies is available on the Grandview web site (www.ghs.ccsd.k12.co.us).

K-12 PROFICIENCY LEVEL DESCRIPTORS

ADVANCED

- Performance greatly exceeds proficiency and is clearly exemplary because of attention to detail and sophistication.
- Performance meets the criteria at the “advanced” level for the benchmark or standard at that grade level.
- Performance greatly exceeds grade level/course expectations.

PROFICIENT

- Performance demonstrates understanding and application.
- Performance meets most or all criteria at the “proficient” level for the benchmark or standard at that grade level.
- Performance is at or above grade level/course expectations.

BASIC

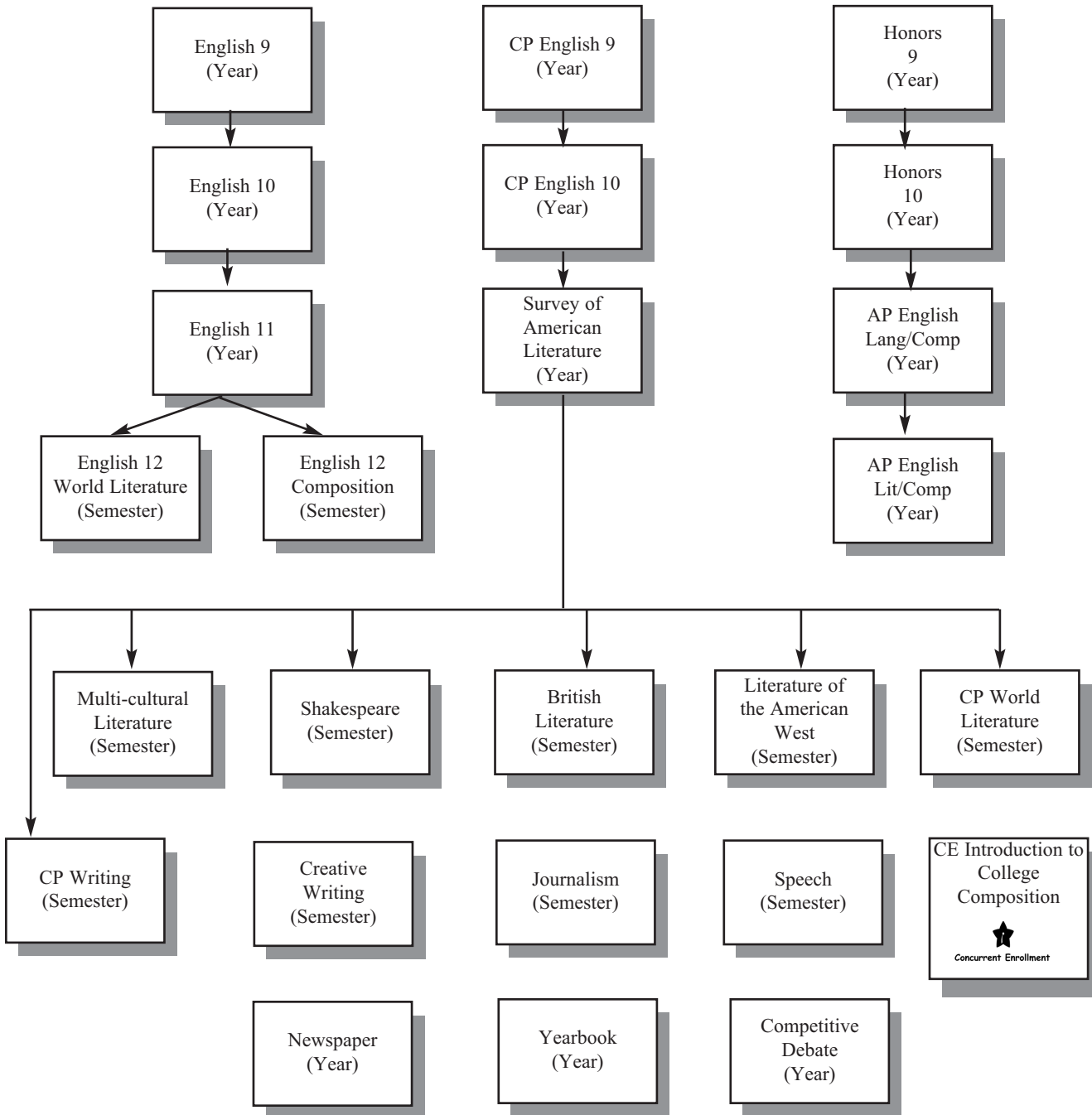
- Performance reflects a fundamental or rudimentary level of skill; a novice level.
- Performance meets most or all criteria at the “basic” level for the benchmark or standard at that grade level.
- Performance is below grade level/course expectations.

PREBASIC

- Performance reflects an area of concern. Student needs significant assistance.
- Performance does not yet meet the “basic” level for the benchmark or standard at that grade level.
- Performance is significantly below grade level/course expectations.

At grade levels where there are no benchmarks or exit standards, use the first and third bullets to judge the level of proficiency performance.

ENGLISH FLOW CHART



ENGLISH

Students will take English all four years. Grades 9, 10, and 11 are year-long courses that are divided into three ability levels. For example, the 9th grade year offers English 9, College Prep English 9, and Honors English 9. The senior year offers semester electives. All English classes rely heavily on traditional literature and some multi-cultural literature. All English classes stress expository writing, correct mechanics, and correct usage. We want students to write well-developed essays both in and out of class. In-class essays are often timed, and this will prepare students for many higher level exams they will face in college. We also want students to use standard English, to read for understanding, meaning, and inference, and to develop a strong vocabulary.

ENGLISH 9

Prerequisite: Demonstrates below-basic proficiency in reading and requires a teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 9 **Fees:** None

English 9 is a one-year course emphasizing the development of skills in reading, writing, speaking, and listening. Course content includes vocabulary, applied grammar, the writing process, and reading comprehension of fiction and nonfiction. Students will read a wide range of literature from classics to contemporary. The class will also expose students to a variety of genres including poetry, drama, nonfiction, and fiction.

CP ENGLISH 9

Prerequisite: None
Credit: 1 credit **Course Length:** Year
Grade: 9 **Fees:** None

CP English 9 is a one-year course emphasizing the development of skills in reading, writing, speaking, and listening. Course content includes vocabulary, applied grammar, the writing process, and reading comprehension of fiction and nonfiction. The class will also expose students to a variety of genres including poetry, drama, nonfiction, and fiction. This class includes focused practice on college entrance exams and offers direct instruction on research skills.

HONORS ENGLISH 9

Prerequisite: Demonstrates advanced skills in reading and writing and requires a teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 9 **Fees:** None

Honors English 9 is a one-year course emphasizing the development of skills in reading, writing, speaking, and listening. Course content includes vocabulary, applied grammar, the writing process, and reading comprehension of fiction and nonfiction. This class includes focused practice on college entrance exams and offers direct instruction on research skills. Students are expected to be self-directed learners.

ENGLISH 10

Prerequisite: Demonstrates below-basic skills in reading and writing and requires a teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 10 **Fees:** None

English 10 is a one-year course that builds on the skills taught in English 9. Course content includes vocabulary, applied grammar, writing, and reading comprehension. The course offers the opportunity for students to develop expository writing skills. A library-based research paper is included in the writing program. Focused practice on college entrance exams is a part of this class.

CP ENGLISH 10

Prerequisite: None
Credit: 1 credit **Course Length:** Year
Grade: 10 **Fees:** None

CP English 10 is a one-year course that builds on the skills taught in CP English 9. Course content includes vocabulary, applied grammar, writing, and reading comprehension. Students are exposed to a broad base of literature. Students will be challenged to think critically about their reading and to express their thinking in writing. This course emphasizes expository writing and includes a library-based research paper. Focused practice on college entrance exams is a part of this class.

HONORS ENGLISH 10

Prerequisite: Demonstrates advanced skills in reading and writing and requires a teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 10 **Fees:** None

Honors English 10 is a one-year course that builds on the skills taught in Honors English 9. Course content includes vocabulary, applied grammar, writing and reading comprehension. Students are exposed to a broad base of literature. Students will be challenged to think critically about their reading and to express their thinking in writing. This course emphasizes expository writing and includes a library-based research paper. Focused practice on college entrance exams is a part of this class. Students are expected to be self-directed learners.

ENGLISH 11

Prerequisite: Demonstrates below-basic skills in reading and writing and requires a teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 11 **Fees:** None

English 11 is a one-year course that builds on the skills taught in English 9 and English 10. Course content includes vocabulary, applied grammar, writing, and reading comprehension. The course covers a wide range of poetry, drama, nonfiction, and fiction. Writing assignments will emphasize developing a subject in depth and refining writing style. Fiction will emphasize American literature. Focused practice on college entrance exams will be a part of this class.

SURVEY OF AMERICAN LITERATURE

Prerequisite: None
Credit: 1 credit **Course Length:** Year
Grade: 11 **Fees:** None

In this junior course, students will explore American literature, which may include non-fiction, drama, short stories, poetry, and novels. Students will read and analyze a broad variety of American authors to gain an increased comprehension and appreciation of the American experience. Class discussions, literary analysis, and projects will enhance the student's understanding. Students will also develop writing skills for college.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

Prerequisite: Demonstrates advanced skills in reading and writing and requires a teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 11 **Fees:** See AP section

This course is designed for academically motivated students. Students will study examples of various kinds of writing: biographies, essays, fiction, and poetry. In addition to analytical and expository writing, students will write time-limited compositions in class. Students will prepare for the end of the year Advanced Placement English Language and Composition exam and study pieces of literature to prepare for their senior year course, AP Literature and Composition. Due to the advanced nature of this course, grades will be weighted. Summer reading is required. Students must pick up a summer reading assignment in the main office. It will be due the first day of class.

Twelfth grade students may take either a full year course (1 credit) or a combination of semester courses (1/2 credit each) to equal a total of one English credit. Students who elect the semester options must choose one literature/reading course and one writing course

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

Prerequisite: Demonstrates advanced skills in reading and writing and requires a teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 12 **Fees:** See AP Section

This course is designed for accelerated students who wish to prepare for the AP Literature and Composition exam. Students will examine selected works ranging from classics to contemporary. Students will analyze a work's structure, style, and themes, as well as such elements as imagery, symbolism, and tone. Students will strengthen their ability to write literary analysis, reflective essays, and time-limited compositions. Due to the advanced nature of this course, grades will be weighted. Summer reading is required. Students must pick up a summer reading assignment in the main office. It will be due the first day of class.

LITERATURE/READING COURSES (one course required)

Literature courses will emphasize Cherry Creek District reading and literature proficiencies. In each semester literature course, students will compose at least four literary analysis essays and one expository essay.

BRITISH LITERATURE

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

Seniors will examine major works of British literature. The literary genre may include plays, novels, short fiction, and poetry. Students will read and interpret critical sources and literature to compose literary analysis and projects. Students will discuss and write about what they read critically.

ENGLISH 12 WORLD LITERATURE

Prerequisite: Demonstrates below-basic proficiency in reading
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

English 12 World Literature is a semester class that exposes students to a wide range of literature that represents different time periods and different cultures. The course covers a wide range of poetry, drama, nonfiction, and fiction. Students will be challenged to think critically about their reading and to express their thinking in writing. The class will rely on group work and independent work to read, to discuss, and to write insightfully about the literature that the students read.

INTENSIVE READING 1

Prerequisite: Demonstrates below-basic proficiency in reading
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

This Intensive Reading I course will provide students who read at least two years below grade level with an intensive exposure to a variety of reading strategies to become a proficient reader. These reading techniques may include detecting sequences, making inferences, drawing appropriate conclusions, and developing critical thinking and decoding skills.

LITERATURE OF THE AMERICAN WEST

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

Students will explore a mixture of classic Western fiction and contemporary Western fiction. Literary genres will include novels, short stories, poetry, and nonfiction. Along with some traditional writers of Western fiction, the class will emphasize more contemporary pieces. Through fiction and nonfiction, Native American and other cultural perspectives of the American West will be explored. Students will read, discuss, and write critically about the material that they read. **Some works contain mature language and/or themes.**

MULTICULTURAL LITERATURE

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

Students will read novels, short stories, essays, poetry, and plays by noted female and multicultural authors. **Some works contain mature language and/or themes.** Students will discuss and write about what they read critically.

SHAKESPEARE

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

Students will explore the writings of William Shakespeare. They will read, analyze, discuss, and respond to his comedy, history, tragedy, and problem plays, as well as his sonnets. Student responses to the literature will include essays and oral presentations.

WORLD LITERATURE

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

Students will explore a variety of authors from both Eastern and Western civilizations and will read, analyze, discuss, and respond to the literature of other cultures. The literary genres to be experienced may include poetry, short stories, essays, and novels. Students will discuss and write about what they read critically.

WRITING COURSES (one course required)

Writing courses will emphasize Cherry Creek School District's writing standards. In each semester writing course, students will compose a broad variety of written works.

TECHNICAL WRITING - ONLINE

Prerequisite: Counselor Signature
Credit: 1/2 credit (English) **Course Length:** Sem.
Grade: 11-12

Students in Technical Writing will know the rules involved in writing for a practical business audience, create a variety of communication methods for business, including cover letters, resumes, reports and demonstrations, and they will understand the importance of writing and communicating in the business world and workplace.

ENGLISH 12 COMPOSITION

Prerequisite: Demonstrated below-basic proficiency in writing
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

English 12 Composition is a semester course that builds on the skills taught in English 9, English 10, and English 11. The course emphasizes practice in the writing modes that students will encounter in college, including compare/contrast, cause/effect, and persuasive essays. Students will refine their writing skills and their writing style. The class will include multiple opportunities for research-based papers.

CE INTRODUCTION TO COLLEGE COMPOSITION



Prerequisite: ACCUPLACER scores of Reading 80 and Sentence Skills 95; Or ACT scores of English 18 and Reading 17
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

This course aligns with the Colorado Community College course English Composition I-121. This course emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. The course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. Students enrolled in this course will complete college-level work during their senior year of high school. Students who earn a C or better in the class will receive 3 Community College of Aurora credits. These are guaranteed transfer credits to public colleges and universities of Colorado.

COLLEGE PREPARATORY WRITING

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

Students will be challenged in this research-based course to improve their organization, development, and expression of ideas in a variety of essay types. Organizational methods such as cause/effect, comparison/contrast, and inductive and deductive argument will assist students in creating these compositions and writing essay exams in preparation for college.

COLLEGE PREP READING AND WRITING - ONLINE

Prerequisite: Counselor Signature
Credit: 1/2 credit **Course Length:** Sem.
(English)
Grade: 11-12

Students in this course will know the specifics of writing including vocabulary strategies, and literary technique, be able to analyze and understand the styles and techniques of high-quality nonfiction writing including voice, word choice, sentence fluency and organization, and create nonfiction pieces modeled after styles studied in class.

CORE COMPOSITION I - ONLINE (Dual credit with the University of Colorado at Denver)

Prerequisite: Counselor Signature
Credit: 1/2 (English) plus 3 college credits
Course Length: Sem.
Grade: 11-12

Provides opportunities to write for different purposes and audiences, with an emphasis on learning how to respond to various rhetorical situations; improving critical thinking, reading, and writing abilities; understanding various writing processes; and gaining a deeper knowledge of language conventions. Students will be responsible for paying tuition for university credit.

CORE COMPOSITION II - ONLINE (Dual credit with the University of Colorado at Denver)

Prerequisite: Counselor Signature
Credit: 1/2 (English) **Course Length:** Sem.
Grade: 11-12

Focus on academic and other types of research-based writing and builds on the work completed in Core Composition I. Focuses on critical thinking, reading and writing as well as working with primary and secondary source material to produce a variety of research-based essays. Emphasis on using both print-based and electronic-based information. Students will be responsible for paying tuition for university credit.

ENGLISH ELECTIVES

(will not satisfy English requirement)

CREATIVE WRITING

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 11-12 **Fees:** None

Students who have a strong interest in writing will explore techniques of fiction, poetry, and drama. Students will read classical and contemporary literature and analyze the literature as a model for their own writing. Students will compose poetry, prose, and fiction.

SPEECH

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** None

Strengthening oral communication skills and gaining self-confidence when public speaking are two important components of this course. Using techniques in topic selection, analysis, research, organization, and delivery, students will present a variety of speech types: informative, persuasive, and opinion. Students' interpersonal communication and listening skills will be promoted through class discussions and presentations.

COMPETITIVE DEBATE

Prerequisite: Teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 10-12 **Fees:** See Below*

Students will explore the art of argumentation while enhancing their communication skills. Extensive research skills, organization, and time management will be crucial for success in this course. Students will concentrate on extensive practice, criticism, and self-evaluation in a chosen area as they prepare for interscholastic competition in debate, policy debate, and student congress. **Students are required to participate in some interscholastic competitions on Saturdays.**

*Participation in interscholastic competition requires membership in the National Forensic League. Students may defray their expenses for participation through fund raising.

JOURNALISM

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** None

Students who want to work on the *Grandview Chronicle* or *The View* must take Journalism. In addition to learning journalistic style and the basic requirements of investigative reporting, students will examine the production of newspapers, magazines, and yearbook, the history of journalism, and journalistic ethics. Students will also explore advertising sales, design, and positive public relations skills. Written pieces for this course may be used in the *Grandview Chronicle*, *Grandview Gazette*, and *The View*.

NEWSPAPER

Prerequisite: Journalism and/or teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 10-12 **Fees:** None

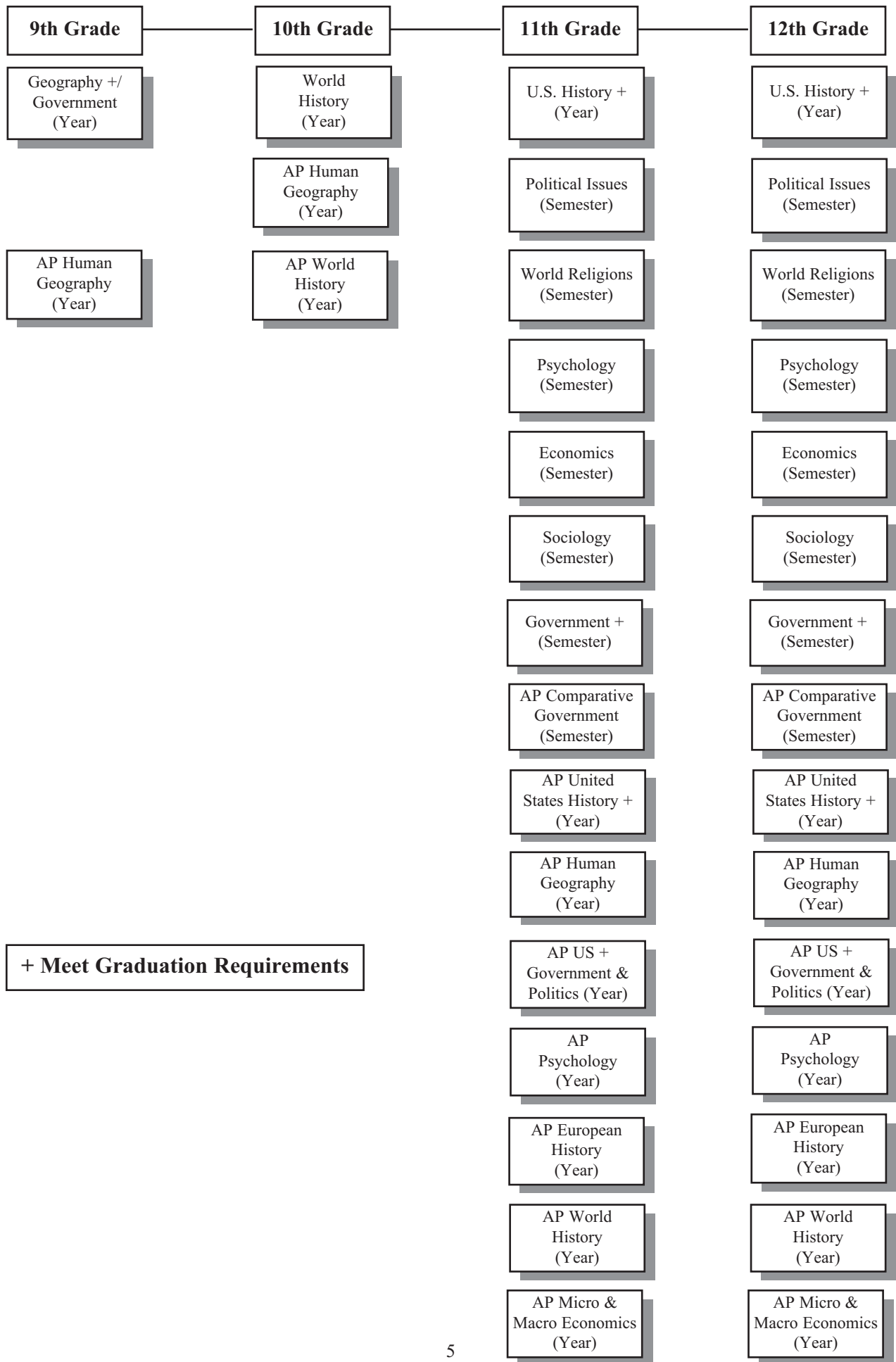
Class members will plan and produce the *Grandview Chronicle*. Students will be responsible for every aspect of the production of the newspaper: investigative reporting, news and editorial writing, interviewing, editing, photography, layout and design, advertising design, and advertising sales. In addition to typing competency, editing and copy-reading skills will be honored. Creating the newspaper will require time, not only during class, but also periodically after school, evenings, and/or weekends.

YEARBOOK

Prerequisite: Journalism and/or teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 10-12 **Fees:** None

Class members will plan and produce the *Grandview* yearbook, *The View*. Students will be responsible for every aspect of the production of the yearbook: photography, planning and designing layouts, researching and writing copy, writing photo captions and headlines. Meeting deadlines to create the yearbook often will require time, not only during class, but also after school, evenings, and/or weekends.

SOCIAL STUDIES FLOW CHART



SOCIAL STUDIES

All students must earn 3 Social Studies credits in order to graduate from Grandview High School. Of the 3 credits, one credit must be achieved in United States History and a half credit must be completed in American Government. U.S. History credit may be earned in one of the following ways:

- A. U.S. History 11th grade
- B. AP United States History 11th grade
- C. Online U.S. History - CCSD

The 1/2 credit of Government may be earned in one of the following ways:

- A. Geography/Government
- B. Government – Semester course offered during their Junior or Senior year for students who took AP Human Geography during their Freshmen year.
- C. AP U.S. Government (typically taken in 11th or 12 grade)
- D. Online Government

While only 3 credits are required for graduation, it is highly recommended that all students who plan to attend college take at least 4 credits of Social Studies.

UNITED STATES HISTORY

Prerequisite:	None	Course Length:	Year
Credit:	1 credit	Fees:	None
Grade:	11		

Students in United States History will learn about the development of this country's political, economic, and social systems by studying about the American Revolution, the U.S. Constitution, Manifest Destiny, the Civil War, Industrialism, Imperialism, the World Wars, the Depression, the Cold War, the Vietnam War, and the politics of the 1980's. Students will learn methods of historical inquiry through lectures, class discussions, audio-visual materials, and primary and secondary documents.

ADVANCED PLACEMENT U.S. HISTORY

Prerequisite:	Teacher Signature	Course Length:	Year
Credit:	1 credit	Fees:	See AP section
Grade:	11, 12		

The Advanced Placement Program in U.S. History is designed to provide students with the skills and factual knowledge necessary to deal critically with the problems and materials offered in college U.S. History. Using extensive chronological coverage, this college-level course will survey a broad variety of topics such as economic, cultural, intellectual, social, political-constitutional, and diplomatic history. An Advanced Placement exam will be administered at the end of the course providing students with the opportunity to obtain college credit and/or advanced placement in college courses. Each student is expected to take this national Advanced Placement exam. Due to the advanced nature of this course, grades will be weighted.

U.S. HISTORY – ONLINE

Prerequisite:	Counselor Signature	Course Length:	Year
Credit:	1 credit (Social Studies)		
Grade:	9-12		

U.S. History online offers an interpretive overview of American history using a thematic and standards-based approach to learning. The themes used to interpret history will revolve around the following areas: economic and political processes; immigration, urbanization, and the changing demographics of the United States; progressivism and the struggle for social justice; change and continuity in U.S. foreign policy. Our objective is to understand not only what happened in American History but also why it happened, using a variety of primary sources and a wide range of scholarly interpretations. The eras covered will range from European migration to North America through the present day.

PSYCHOLOGY

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2 credit	Fees:	None
Grade:	11-12		

Psychology is the study of human behavior. In this course, the student will learn about the basic principles of psychology including Developmental Psychology, Learning Principles and Applications, Information Processing, Personality Theory, Motivational Theory, Adolescence, and Aging.

ADVANCED PLACEMENT PSYCHOLOGY

Prerequisite:	Teacher Signature	Course Length:	Year
Credit:	1 credit	Fees:	See AP section
Grade:	11, 12		

Advanced Placement Psychology 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 sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. An Advanced Placement exam will be administered at the end of the course providing students with the opportunity to obtain college credit and/or advanced placement in college courses. Each student is expected to take this national Advanced Placement exam. Due to the advanced nature of this course, grades will be weighted. Due to the advanced nature of this course, grades will be weighted.

SOCIOLOGY

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2 credit	Fees:	None
Grade:	11-12		

Sociology is a study of human behavior in groups and societies. Instead of focusing on the individual, this class will focus on how people work and relate to other people. Topics will include: theory of sociology, socialization, culture, social institutions, stoical inequality, and social deviance. Students will also develop the skills necessary to conduct sociological research including conducting surveys, experiments, observations and interviews.

GOVERNMENT

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem
Grade: 11, 12 **Fees:** None

The primary purpose of this course is to prepare students for participation in our representative democracy. The course will introduce students to the foundations, structures, and operation of government and its interactions at the international, national, state and local levels. Students will actively engage in current and historical policy issues. Students will leave the class with the knowledge and skills necessary to become contributing members of a democracy. This course will meet Colorado graduation requirements.

ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS

Prerequisite: Teacher Signature
Credit: 1 credit **Course Length:** Year
Grade: 11, 12 **Fees:** See AP section

In this college level course, students will be given an analytical perspective on government and politics in the United States. The course study includes both the study of general concepts used to interpret United States politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Topics covered are: the U.S. Constitution, political beliefs and behaviors, political parties, interest groups and mass media, institutions of national governments, public policy, civil rights, and civil liberties. This course will meet Colorado graduation requirements. Due to the advanced nature of this course, grades will be weighted.

AMERICAN GOVERNMENT - ONLINE

Prerequisite: Counselor Signature
Credit: 1/2 credit (Social Studies, **Course Length:** Sem.
fulfills state civics requirement)
Grade: 10-12

American Government focuses on the constitutional principles of the United States republican form of government and how to apply this constitutional knowledge to form an understanding of government and its relationships on the local, state, national and international levels.

ADVANCED PLACEMENT COMPARATIVE GOVERNMENT

Prerequisite: Teacher Signature
Credit: 1/2 credit **Course Length:** Spring
Semester
Grade: 11, 12 **Fees:** See AP section

This course critically examines the governments of China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students analyze the form of these governments, how they relate to the different ethnic, racial, social, and economic groups within their respective societies, how political parties and institutions operate within the structure of these governments, and how each government is responding to its country's social and economic changes. In the process, students gain an understanding of the differing origins, ideologies, divisions, roles of citizens, framework, and forces for change in political systems around the world. This class is the equivalent of a one-semester college course in comparative political systems. Students are expected to take the AP Comparative Government exam in the spring. Due to the advanced nature of this course, grades will be weighted.

GEOGRAPHY/GOVERNMENT

Prerequisite: None
Credit: 1 credit **Course Length:** Year
Grade: 9 **Fees:** None

The first semester of this course focuses on the physical and cultural geography of the earth. Students look at the political, economic, demographic, religious, and social forces that shape the cultural landscape of the world today. The second half of the course examines the foundations, structure, and operation of the government of the United States at the international, national, state, and local levels. Additionally, the course emphasizes the rights and responsibilities of citizens and study current issues and events that confront America today. This course meets Colorado graduation requirements for government.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Prerequisite: 9th Graders - Teacher signature, concurrent enrollment in Honors English 9-successful completion of entrance examination
10th Graders - Teacher signature, concurrent enrollment in Honors English 10
11th & 12th Grade - Teacher signature
Credit: 1 credit **Course Length:** Year
Grade: 9, 10, 11, 12 **Fees:** See AP section

Human Geography is the study of how people use the earth. Topics covered in this class include where we live and why, where we migrate from and why, why culture exists and how cultures differ, why countries exist and how their boundaries either increase or reduce the chance of warfare, why some countries are economically advanced and others are economically challenged, why agriculture is a key component of economic and military power, how industrial and urban patterns differ from country to country, and what trends in all of these areas can we expect in the future. AP Human Geography is the equivalent of a semester-long college course. As part of this course, students will be expected to take the AP exam in the spring. Due to the advanced nature of this course, grades will be weighted.

GEOGRAPHY - ONLINE

Prerequisite: Counselor Signature
Credit: 1/2 credit (Social Studies, **Course Length:** Sem.
Grade: 9-12

Geography is a semester long course designed to introduce students to the major themes of space, people, culture, economics and resource issues. Students in this course will be exposed to these geographical themes by studying major regions of the world including Africa, Asia, Europe, North and South America. Students taking this course are expected to master the use of maps and spatial data sets, as well as complete projects and papers.

WORLD HISTORY

Prerequisite:	None	Course Length:	Year
Credit:	1 credit	Fees:	None
Grade:	10		

This course is a survey of history from the emergence of civilization to the present day. Students will learn about the political, economic, and cultural forces which have shaped the development of civilizations around the world and laid the foundations for the issues which face the people of the globe today. The course will focus on developing students' reading and writing skills through the use of primary and secondary documents and researched-based writing.

ADVANCED PLACEMENT WORLD HISTORY

Prerequisite:	Teacher signature	Course Length:	Year
Credit:	1 credit	Fees:	See AP section
Grade:	10, 11, 12		

The purpose of this Advanced Placement course is to develop a greater understanding of how human societies have developed and interacted with one another throughout world history. The course will use selected factual knowledge, reading, writing, and analytical skills to enhance the students' understanding of history. Specific themes explored in the course will involve political structures, economic systems, religious institutions, social classes, intellectual philosophies, artistic movements, technology, and the environment. An Advanced Placement exam will be administered at the end of the course, providing students with the opportunity to attain college credit and/or advanced placement in college courses. Each student is expected to take this national exam. Due to the advanced nature of this course, grades will be weighted.

ADVANCED PLACEMENT EUROPEAN HISTORY

Prerequisite:	Teacher Signature	Course Length:	Year
Credit:	1 credit	Fees:	See AP section
Grade:	11-12		

This college-level course will cover European history from the Renaissance to the present. The class will emphasize chronological coverage of historical events and concepts, critical historical analysis, and themes in the areas of political, intellectual, cultural social, and economic history. Another major component of this course will be the development of document-based essay writing and analytical skills. Each student is expected to take a national Advanced Placement exam at the end of the course. This exam will provide students with the opportunity to obtain college credit and/or advanced placement in college courses. Due to the advanced nature of this course, grades will be weighted.

WORLD RELIGIONS

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2 credit	Fees:	None
Grade:	11-12		

In this course, students will study the major faiths of mankind including Hinduism, Buddhism, Christianity, Judaism, Islam and Taoism. Students will learn about the historical origins of each religion, beliefs and practices, and the impact each religion has had on its members and world affairs. Students can expect a high level of discussion as well as the opportunity to visit the places of worship for these religions.

ECONOMICS

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2 credit	Fees:	None
Grade:	11-12		

This course is designed to acquaint the student with basic economic elements, goals, problems, and alternatives of the modified free market system. The student will study the major economic goals of our society: growth, full employment, price stability, and efficiency. Knowledge of these concepts will provide a better understanding of our roles in society.

POLITICAL ISSUES

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2 credit	Fees:	None
Grade:	11-12		

In Political Issues, students will take an in-depth look at the local, national, and international events that affect everyday life in the United States. Students will use a variety of learning techniques such as discussion, media, guest speakers, and independent research to study the issues that impact our society and to explore national and international affairs.

ADVANCED PLACEMENT MICRO & MACRO ECONOMICS

Prerequisite:	None	Course Length:	Year
Credit:	1 credit	Fees:	None
Grade:	11-12		

AP Micro

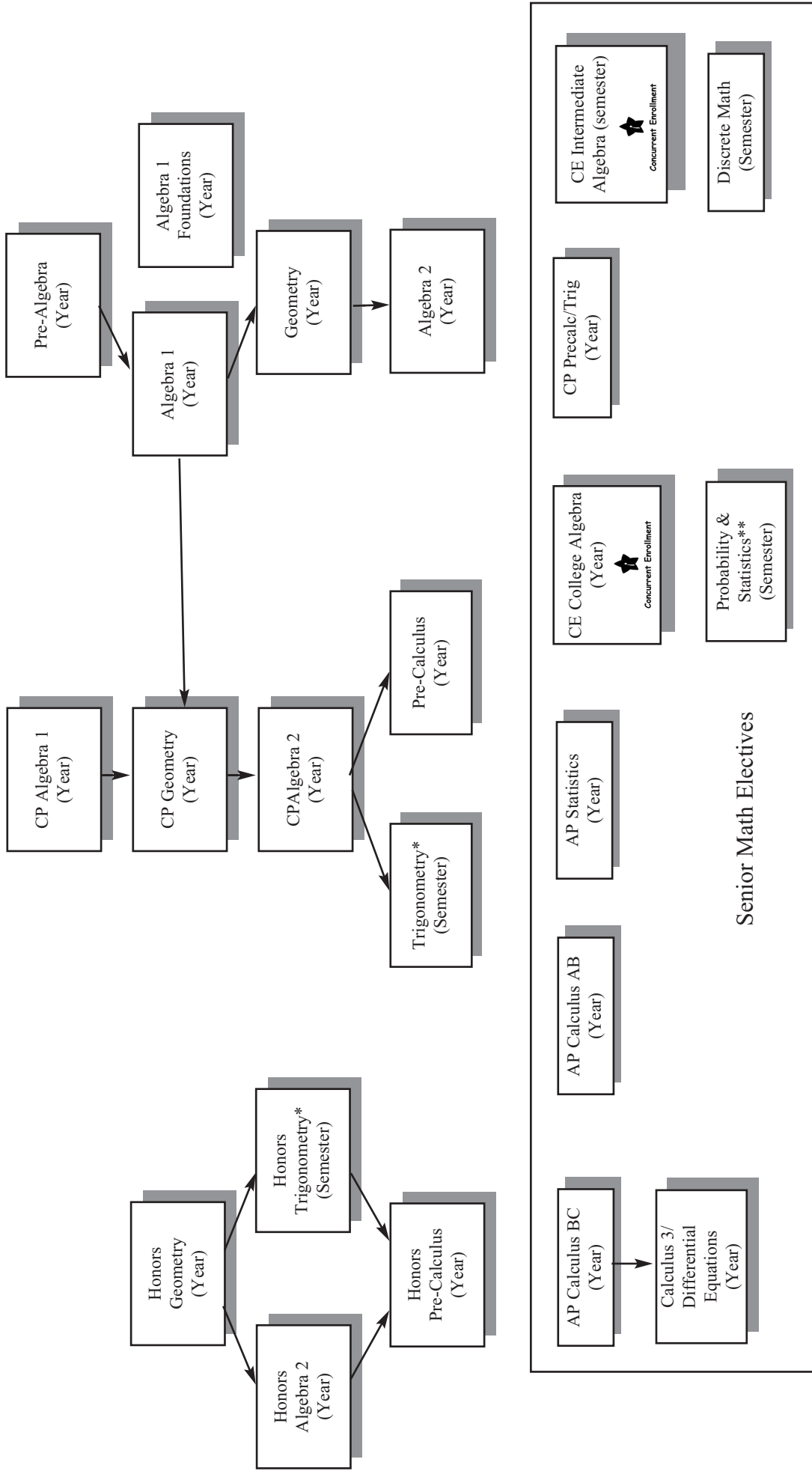
The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

AP Macro

The AP course in Macroeconomics is designed to give you a thorough understanding of the principles of economics that apply to an economic system as a whole. Such as a course places particular emphasis on the study of national income and price determination, and also develops your familiarity with economic performance measures, economic growth, and international economics. An Advanced Placement exam will be administered at the end of the course providing students with the opportunity to obtain college credit and/or advanced placement in college courses. Each student is expected to take this national Advanced Placement exam. Due to the advanced nature of this course, grades will be weighted.

GHS MATHEMATICS FLOW CHART

2011-2012



*Semester Trigonometry courses taken currently with 1st semester Pre-Calculus/Honors Pre-Calculus or 2nd semester Honors Algebra 2/CP Algebra 2 and are required for AP Calculus AB & BC.

MATHEMATICS

Grandview students are required to take 3 credits of mathematics for graduation. In light of increasing expectations for acceptance to in-state colleges and with our focus on “Commitment to Core” at Grandview High School, all students are strongly encouraged to take four years of mathematics. Course offerings in mathematics provide ample opportunity for students to meet this expectation and prepare for college or other post-high school options.

The math program at Grandview is divided into three sequences, each traditional in nature. See the department flowchart for more specifics about the courses offered in each of these sequences. It is our goal to have all students complete Algebra 1 by the end of their freshman year. Students interested in mathematics, engineering, and science-related careers should consider taking courses in the rigorous Honors Sequence that leads to AP Calculus BC. Students desiring to major in mathematics at the university level should also consider AP Statistics.

Graphing calculators are powerful learning tools in both math and science classrooms and are used extensively throughout the math and science curricula at Grandview. We believe the purchase of a graphing calculator is an investment in a solid high school education. Grandview math and science teachers are proficient using the TI-84 series of calculators for class demonstrations and activities. See your teacher for purchase information.

PRE-ALGEBRA

Prerequisite: Teacher recommendation
Credit: 1 credit
Grade: 9-10
Course Length: Year
Fees: None

Students will improve their skills in basic math concepts including computation, working with fractions and decimals, working with signed numbers, and number sense. Additionally, students will be introduced to algebra, probability, and statistics. Students will be prepared for Algebra 1 following this course. This course is for students performing below grade level in Math.

ALGEBRA 1 FOUNDATIONS

Prerequisite: To be taken concurrently with Algebra 1, by teacher recommendation only.
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

This course is designed to provide math support and basic skills necessary to help students succeed in Algebra 1. Students who are below grade level should take this course concurrently with Algebra 1.

ALGEBRA 1

Prerequisite: 8th grade Math or Pre-Algebra and teacher recommendation
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

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.

CP ALGEBRA 1

Prerequisite: 8th grade Math or Pre-Algebra and teacher recommendation
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

This course will be taught at a faster pace and with more rigor than Algebra 1. Students will learn the fundamentals of algebraic manipulations including the real number system, sets, polynomials, factoring, linear and quadratic equations, systems, graphing, radicals, functions, exponential growth, probability and statistics. Problem solving will be emphasized. Any student planning on four years of mathematics at Grandview should strongly consider purchase of a graphing calculator.

GEOMETRY

Prerequisite: Algebra 1 or Algebra 1 Foundations and teacher recommendation
Credit: 1 credit
Grade: 10-12
Course Length: Year
Fees: None

Geometry presents a thorough study of ideas and logical reasoning through the use of the axiomatic system. The course will include the topics of plane, solid, and coordinate geometry. Concepts studied will include lines, planes, angles, triangles, circles, polygons, area, surface area, volume, perimeter, and right triangle trigonometry. The maintenance of algebraic skills will be emphasized.

CP GEOMETRY

Prerequisite: CP Algebra 1 or Algebra 1 and teacher recommendation
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

College-bound students are strongly encouraged to take this course. Students will experience Euclidean plane geometry through a balance of theory and application. The topics students will study include lines, planes, angles, triangles, circles, polygons, area, volume, perimeter, and trigonometry. The use of inductive and deductive reasoning throughout the course is designed to equip students with an ability to organize ideas and reason logically.

HONORS GEOMETRY

Prerequisite: Honors Algebra 1 with B average and teacher recommendation
Credit: 1 credit
Grade: 9-10
Course Length: Year
Fees: None

Students will study geometry topics at an advanced proficiency level. Students will spend considerable time developing both informal and formal proofs through inductive and deductive reasoning. All students will be expected to extend theoretical concepts. Due to the advanced nature of this class, grades will be weighted.

ALGEBRA 2

Prerequisite: CP Geometry or Geometry and teacher recommendation
Credit: 1 credit
Grade: 11-12
Course Length: Year
Fees: None

Algebra 2 students study both real and complex numbers, as well as relations, functions and their operations. Students will work with linear, quadratic, and higher-order polynomial, radical, rational, absolute value, exponential/logarithmic functions, including graphing and transformations of graphs. The counting principle, probability, and statistics are also covered.

CP ALGEBRA 2

Prerequisite: CP Geometry and teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 10-12 **Fees:** None

College-bound students are strongly encouraged to take this course. Students will continue their study of algebra and the real number system through extensions into complex numbers, and various functions including linear, logarithmic, exponential, polynomial, rational and conics. A graphical approach will enable students to model real-world situations and develop equations that best represent those situations. Students will use graphing calculators extensively in this class.

CE INTERMEDIATE ALGEBRA (CCA MATH 099)



Prerequisite: Algebra 2 and teacher recommendation
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

This course will emphasize problem solving with further study of equations, slope, inequalities, systems of equations, rational expressions, rational exponents, radical expressions, graphing and applications. A graphing calculator or equivalent software may be utilized. *This is a transcriptable course meaning that it will take the place of a placement exam for college mathematics courses. This course will not earn college credit, however, students will be able to automatically place into a College Algebra course.*

COLLEGE ALGEBRA

Prerequisite: CP Algebra 2 or higher, teacher recommendation, and either a qualifying ACT score (23 on the MATH section) or Accuplacer (85 on the Elementary Algebra exam) administered during junior year.
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

This course will cover advanced math topics necessary for college success in non-math related majors. Topics include equations and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, and a selection of topics from among: graphing of the conic sections, introduction to sequences and series, permutations and combinations, and the theory of equations. A graphing calculator will be used extensively in this class. This class is a dual-credit class offered through the Community College of Aurora. Students must qualify by either ACT (23 on the Mathematics section NOT overall score) or the Accuplacer (85 on the Elementary Algebra exam. Students must first pass the arithmetic exam in order to take the Elementary Algebra exam.). *Note: This is a statewide guaranteed transfer course.*

HONORS ALGEBRA 2

Prerequisite: Honors Geometry with B average and teacher recommendation
Credit: 1 credit **Course Length:** Year
Grade: 9-11 **Fees:** None

Advanced math students will be challenged in this rigorous course. They will expand their knowledge of algebraic theory and extend algebraic applications. Students will be expected to study Algebra 2 topics in more depth and develop good mathematical models for complex situations. Students will use graphing calculators extensively in this class. Due to the advanced nature of this class, grades will be weighted.

DISCRETE MATH

Prerequisite: Algebra 2
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

This course is a survey of investigations of topics from modern mathematics. Major units include basic probability, social choice (voting systems, weighted voting systems fair division, and apportionment) and graph theory (Euler and Hamilton paths and circuits, shortest paths, optimum networks, and scheduling and conflict problems). Emphasis is on investigation, analysis, and communication. This course is intended for the college-bound student interested in pursuing non-mathematical studies.

PROBABILITY AND STATISTICS

Prerequisite: Algebra 2
Credit: 1/2 credit **Course Length:** Sem.
Grade: 12 **Fees:** None

This course is an introduction to elementary statistics. Students will be engaged in a variety of activities to allow them to discover concepts of statistics. They will construct and draw inferences from charts, tables and graphs, use curve fitting to make predictions, and apply measures of central tendency, variability and correlations. Sampling, as a common application of planned data collection, will be used to introduce the idea of random sampling and its implications for statistical inference. The TI-84 Plus graphing calculator is required for this class.

TRIGONOMETRY

Prerequisite: CP Algebra 2 and teacher recommendation
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** None

Students in this course will study right triangle trigonometry, the law of sines, the law of cosines, the unit circle, inverse trig functions, trigonometric identities, techniques for solving trig equations as well as graphs of the trig functions. This course provides prerequisite background for higher mathematics as well as applications in the physical sciences, engineering, and other technical areas. Students will use graphing calculators in this class.

HONORS TRIGONOMETRY

Prerequisite: Honors Algebra 2
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-11 **Fees:** None

Students will study trigonometric functions from analytical, graphical, and problem-solving perspectives including applications to the physical and biological sciences, engineering, and technology. Topics covered include right triangle trigonometry, the law of sines, the law of cosines, the unit circle, inverse trig functions, trigonometric identities, and techniques for solving trig equations. This course provides prerequisite background for pre-calculus and calculus classes. It is strongly recommended for college-capable math students. Students will use graphing calculators in this class.

PRE-CALCULUS

Prerequisite: CP Algebra 2 and Trigonometry (concurrent enrollment during first semester) with grade of C or better and teacher recommendation.
Credit: 1 credit **Course Length:** Year
Grade: 11-12 **Fees:** None

Students planning on college studies in mathematics, science, engineering, business, architecture, etc. should consider taking this class. In Pre-Calculus, students prepare for calculus by studying the characteristics and behaviors of various mathematical functions, polar and parametric equations, vectors, inequalities, series and sequences, limits, derivatives, and, time allotting, concepts of probability and statistics, and mathematical induction. Students will use graphing calculators extensively in this class.

HONORS PRE-CALCULUS

Prerequisite: Honors Algebra 2 and Honors Trigonometry (or concurrent enrollment during first semester), with grade of B or better and teacher recommendation.

Credit: 1 credit **Course Length:** Year
Grade: 10-12 **Fees:** None

Students with strong mathematical ability who are planning on college studies in mathematics, the sciences, engineering, or business should consider taking this rigorous math course. In this class, students will prepare themselves for calculus by studying function characteristics and behavior, polar and parametric equations, vectors, inequalities, series and sequences, limits, derivatives, and, time allotting, concepts of probability and statistics, and mathematical induction. Students will use graphing calculators extensively in this class. The next recommended course is Advanced Placement Calculus. Due to the advanced nature of this class, grades will be weighted.

CP PRE-CALCULUS/TRIGONOMETRY

Prerequisite: CP Algebra 2

Credit: 1 credit **Course Length:** Year
Grade: 12 **Fees:** None

This course is designed to prepare seniors to take Calculus in a college setting. Students will study behavior of a variety functions including: polynomial, exponential, logarithmic, logistics, parametric and trigonometric. Students will be introduced to sequences, series and limits. The graphing calculator will be used extensively.

ADVANCED PLACEMENT CALCULUS AB

Prerequisite: Pre-Calculus with grade of B or better and teacher recommendation

Credit: 1 credit **Course Length:** Year
Grade: 11-12 **Fees:** See AP Section

Students will learn both the theoretical foundations and proper techniques of both differential and integral calculus and apply them extensively in problem-solving contexts. The course follows the College Board AP Calculus AB syllabus and prepares students for the AP examination to be taken in May. Students considering further study in math and science are strongly encouraged to take one of our two calculus classes. Graphing calculators are required for this class. Due to the advanced nature of this class, grades will be weighted.

ADVANCED PLACEMENT CALCULUS BC

Prerequisite: Honors Pre-Calculus or Pre-Calculus with grade of B or better and teacher recommendation

Credit: 1 credit **Course Length:** Year
Grade: 11-12 **Fees:** See AP Section

This is the more rigorous of the two calculus courses we offer. Students will learn both the theoretical foundations and proper techniques of both differential and integral calculus and apply them extensively in problem-solving contexts. The course follows the College Board AP Calculus BC syllabus and prepares students for the AP examination to be taken in May. Students considering further study in math and science are strongly encouraged to take one of our two calculus classes. Graphing calculators are required for this class. Due to the advanced nature of this class, grades will be weighted.

ADVANCED PLACEMENT STATISTICS

Prerequisite: Algebra 2 with grade of B or better and teacher recommendation

Credit: 1 credit **Course Length:** Year
Grade: 11-12 **Fees:** See AP Section

This college-level statistics course is designed to provide students with the major concepts and tools for collecting and analyzing data and drawing good conclusions from it. Students are exposed to four major themes: exploration of data, planning and carrying out a study, statistical modeling, and statistical inference. Students who successfully complete the course and who score above a 3 on the AP examination may receive college credit. The TI-84 Plus graphing calculator is required for this class. Due to the advanced nature of this class, grades will be weighted.

*Credit through the CC of Aurora or the University of Colorado at Denver is available for students who qualify this course (fee required).

CALCULUS 3/DIFFERENTIAL EQUATIONS

Prerequisite: Advanced Placement Calculus BC/teacher recommendation

Credit: 1 credit **Course Length:** Year
Grade: 11-12 **Fees:** See AP

Section and additional required fee if taking the the course for university credit. (Fee determined by the University of Colorado at Denver)

During the first semester students will study the calculus of 3 dimensions including vectors in 3-space, vector-valued functions, functions of several variables, multiple integration, and vector analysis. Second semester topics include solving exact first-order differential equations, first order linear differential equations, second-order homogeneous linear equations, second-order nonhomogeneous linear equations, and series solutions of differential equations. Students who successfully complete this class receive undergraduate credit from The University of Colorado at Denver. Students will be required to purchase their textbooks and pay for processing of the university credit.

COLLEGE ALGEBRA - ONLINE (Dual credit with the University of Colorado at Denver)

Prerequisite: Counselor Signature

Credit: 1/2 credit (Mathematics) plus 3 college credits

Course length: 1 Semester

Grade: 11-12

Topics in algebra designed for students who intend to take calculus in college. Functions, domains, ranges, graphs, data scatter plots and curve fitting, solving equations and systems of equations, polynomial functions, rational functions, and selected other topics. Graphic calculators and/or computer algebra systems are used extensively. Applications are emphasized. Students will be responsible for paying tuition for university credit.

COLLEGE TRIGONOMETRY - ONLINE (Dual credit with the University of Colorado at Denver)

Prerequisite: Counselor Signature

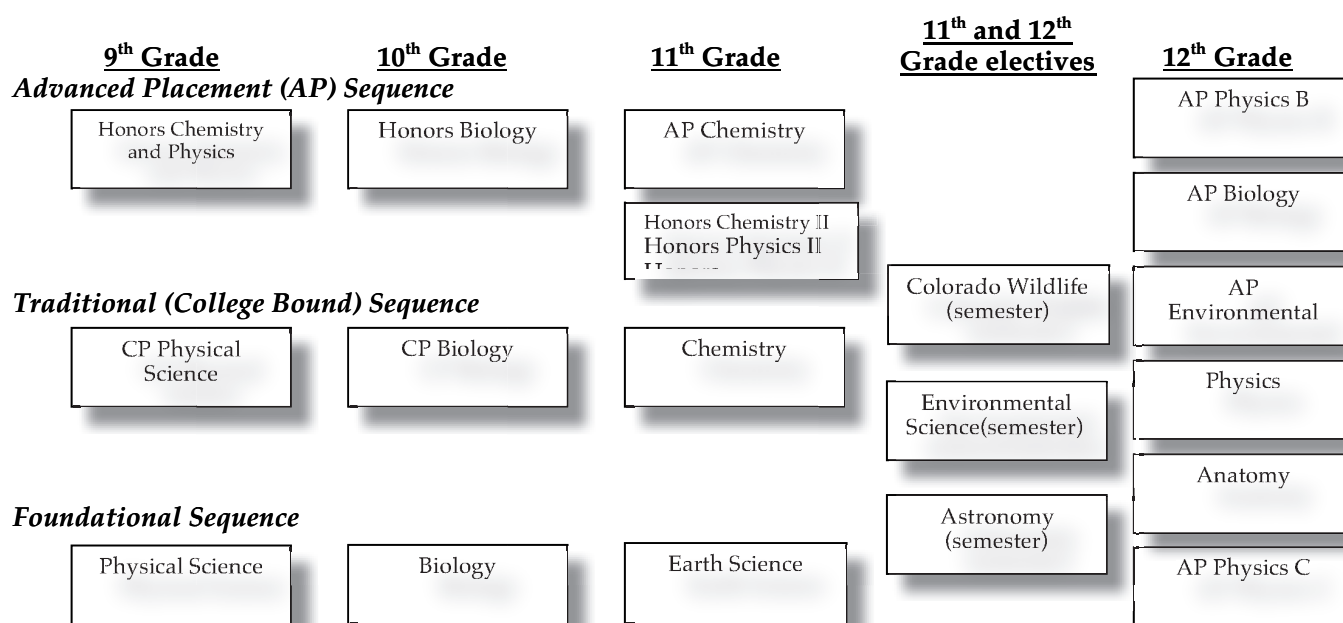
Credit: 1/2 credit (Mathematics) plus 3 college credits

Course length: 1 Semester

Grade: 11-12

Topics in trigonometry, analytic geometry, and elementary functions designed for students who intend to take calculus in college. Angles and trigonometry functions of acute angles, analytic trigonometry, fundamental trigonometric functions and identities including hyperbolic trigonometry, parametric equations, and polar coordinate system. Graphic calculators and/or computer algebra systems are used extensively. Applications are emphasized. Students will be responsible for paying tuition for university credit.

SCIENCE FLOW CHART



The science program at Grandview High School is designed to develop scientifically literate students. Students are taught to gather and use scientific information to understand the world, expand thinking, and solve problems. They will learn to use the basic tools of scientific inquiry including scientific instruments, mathematics, technology, references, and reasoning. Our science program helps students apply the process of scientific inquiry to understand and study the natural world.

The science program at Grandview is divided into three sequences, each differing in the level of rigor. All sequences address the State Standards within the first two years. Students interested in science as a career option should consider taking courses in the Advanced Placement sequence that allows them to take 2-3 AP science classes. Due to the importance of mathematics in describing and measuring scientific events, placement in mathematics courses is important when deciding appropriate science placement. The flow chart above is only an overview, movement to a more rigorous sequence in future years is possible once the appropriate science and mathematical knowledge and skills have been obtained. Please refer to the ‘science course descriptions’ to obtain more details regarding math requirements, specific timing of courses offered, and other pertinent guidelines.

Grandview students are required to successfully complete three years of science. However, we encourage all of our students to take four years of science to broaden their scientific knowledge and help them prepare for higher education experiences.

PHYSICAL SCIENCE

Prerequisite: Instructor Approval or concurrent enrollment in Pre Algebra
Credit: 1 credit
Grades: 9-10
Course Length: Year
Fees: None

The laboratory experience is the foundation for this introductory physical science course. Students will explore physical science topics while developing the skills necessary to become proficient in science. This course will emphasize math and reading skills. The scientific method will be emphasized along with data analysis and critical thinking skills.

CP PHYSICAL SCIENCE

Prerequisite: Concurrent enrollment in Algebra I Foundations or Algebra I
Credit: 1 credit
Grade: 9-10
Course Length: Year
Fees: None

CP Physical science is an inquiry-oriented course involving principals 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.

HONORS CHEMISTRY AND PHYSICS

Prerequisite: 8th Grade Science Teacher recommendation, successful completion of Algebra 1, and concurrent enrollment in Honors Geometry
Credit: 1 credit
Grades: 9
Course Length: Year
Fees: None

This course is designed for 9th grade students with high mathematical ability intending to pursue honors and Advanced Placement biology, chemistry and physics classes in high school. Chemistry and physics concepts will be covered at an accelerated pace with heavy emphasis on laboratory work, mathematical applications, and problem solving. In addition, students' skills in communicating information clearly through the written word, mathematical equations and graphs will be stressed. Students will develop skills in using both computers and calculators to aid in collecting and organizing data. Daily preparation is required outside of class.

BIOLOGY

Prerequisite: Instructor approval
Credit: 1 credit
Grades: 10-11
Course Length: Year
Fees: None

The laboratory experience is the foundation for this introductory life science course. Students will explore topics such as ecology, chemistry of life, cellular structure and function, genetics, evolution, classification, and human systems. The scientific method will be emphasized along with data analysis and critical thinking skills.

CP BIOLOGY

Prerequisite: Successful completion of Physical Science
Credit: 1 credit
Grades: 10-12
Course Length: Year
Fees: None

In this 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 will include: ecology, chemistry of life, cellular structure and function, genetics, evolution, classification, and human systems. Laboratory activities reinforce concepts and principals presented.

BIOLOGY - ONLINE

Prerequisite: Counselor Signature
Credit: 1 credit (Science)
Grade: 9-12
Course Length: Year

Biology is an ecological approach to the study of life science. Students will discover the interrelationships between organisms and the environment, how organisms are classified, and mechanisms for adaptations that lead to biodiversity. Students will perform simulations and labs at home with equipment provided.

HONORS BIOLOGY

Prerequisite: Successful completion of CP Physical Science or Honors Chemistry and Physics; and/or Instructor approval
Credit: 1 credit
Grades: 10
Course Length: Year
Fees: None

In this 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 will include: ecology, chemistry of life, cellular structure and function, genetics, evolution, classification, and human systems. Laboratory activities reinforce concepts and principals presented. This course covers the same topics as the Biology and CP Biology programs, but in a greater depth and at accelerated rate.

HONORS CHEMISTRY 2

Prerequisite: C or better in first semester of Honors Chemistry and Physics, concurrent enrollment/completion of Algebra 2
Credit: 1/2 credit
Grades: 10-12
Course Length: Sem.
Fees: None

This course will provide advanced students the opportunity to continue building a strong foundation in chemistry necessary to pursue AP level science courses. This course is not a prerequisite for AP courses, but it is for advanced students who feel they need a stronger foundation in chemistry before taking an AP course. Students will learn about molecular structure, thermodynamics, acids and bases, and pH. Students should be proficient in moles and stoichiometry. Students will continue to perform more extensive laboratory work and develop data interpretation and graphical analysis skills. Many homework assignments will utilize a web-based program to provide students with immediate feedback. Due to the advanced nature of this class, grades will be weighted.

HONORS PHYSICS 2

Prerequisite:	C or better in second semester of Honors Chemistry and Physics, concurrent enrollment/completion of Precalculus or instructor approval		
Credit:	1/2 credit	Course Length:	Sem.
Grades:	10-12	Fees:	None

This course will provide advanced students the opportunity to continue building a strong foundation in physics necessary to pursue AP level science courses. This course is not a prerequisite for AP courses, but it is for advanced students who feel they need a stronger foundation in physics before taking an AP course. Students will learn about waves, light, sound, electricity, and magnetism. Students will continue to perform more extensive laboratory work and develop data interpretation and graphical analysis skills. Many homework assignments will utilize a web-based program to provide students with immediate feedback. Due to the advanced nature of this class, grades will be weighted.

CHEMISTRY

Prerequisites:	CP Physical Science, CP Biology, concurrent enrollment/completion of Algebra 2		
Credit:	1 credit	Course Length:	Year
Grades:	11-12	Fees:	None

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, molar geometry, and thermochemistry. Laboratory activities reinforce concepts and principles presented in this course.

PHYSICS

Prerequisites:	CP Physical Science, concurrent Pre-Calculus or Instructor Approval		
Credit:	1 credit	Course Length:	Year
Grades:	11-12	Fees:	None

This course helps students understand the physical laws of our world. Units of study include: forces, motion, energy, light, waves, electricity, and magnetism. Laboratory work serves to promote understanding and to illustrate the experimental nature of physics.

ADVANCED PLACEMENT BIOLOGY

Prerequisites:	Honors Chemistry and Physics and Honors Biology, (Chemistry recommended) or CP Biology and Chemistry; instructor approval		
Credit:	1 credit	Course Length:	Year
Grades:	11-12	Fees:	See AP Section

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. Units of study will include: Chemistry of life, cells, cellular energetics, heredity, molecular genetics, evolutionary biology, diversity of organisms, structure and function of plants and animals, and ecology. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course.

ADVANCED PLACEMENT CHEMISTRY

Prerequisites:	Honors Chemistry and Physics or Chemistry, completion of or concurrent enrollment in Physics recommended or instructor approval.		
Credit:	1 credit	Course Length:	Year
Grades:	10-12	Fees:	See AP Section

AP Chemistry is designed to be the equivalent of a college introductory Chemistry course. The curriculum for this class is the College Board Advanced Placement Chemistry Curriculum. Units of study will include: Atomic theory and atomic structure, chemical bonding, nuclear chemistry, gases, liquids and solids, solutions, reaction types, stoichiometry, equilibrium, kinetics, thermodynamics and descriptive chemistry. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Prerequisites:	Biology/Honors Biology (Chemistry recommended)		
Credit:	1 credit	Course Length:	Year
Grade:	11-12	Fees:	See AP Section

AP Environmental Science is designed to be the equivalent of a college introductory Environmental Science course. The curriculum for this class is the College Board Advanced Placement Environmental Science Curriculum. Units of study will include: Earth science concepts, the atmosphere, global water resources and use, soil and soil dynamics, ecosystem structure, energy flow, global water resources and use, soil and soil dynamics, ecosystem structure, energy flow, ecosystem diversity, natural ecosystem change, and natural biogeochemical cycles. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course.

ADVANCED PLACEMENT PHYSICS B

Prerequisites:	Honors Chemistry and Physics or CP Biology and Chemistry; concurrent enrollment/completion Pre-calculus and trigonometry; instructor approval		
Credit:	1 credit	Course Length:	Year
Grades:	11-12	Fees:	See AP Section

AP Physics B is designed to be the equivalent of a college introductory physics course. The curriculum for this class is the College Board Advanced Placement Physics Curriculum. Units of study will include: Kinematics, Newton's laws of motion, work, energy, power, systems of particles, linear momentum, circular motion and rotation, oscillations and gravitation, fluid mechanics, temperature and heat, kinetic theory and thermodynamics electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields, electromagnetism, wave motion, physical optics, geometric optics, atomic physics and quantum effects, and nuclear physics. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course.

ADVANCED PLACEMENT PHYSICS C

Prerequisites:	Physics or AP Physics B or Honors Physics 2, concurrent enrollment in Calculus, instructor approval		
Credit:	1 credit	Course Length:	Year
Grade:	12	Fees:	See AP Section

AP Physics C is designed to be the equivalent of a college introductory physics course. The curriculum for this class is the College Board Advanced Placement Physics Curriculum. Units of study will include: Kinematics, Newton's laws of motion, work, energy, power, systems of particles, linear momentum, circular motion and rotation, oscillations, and gravitation, electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields and electromagnetism. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course.

ANATOMY

Prerequisite: CP Biology, Chemistry, Instructor approval
Credit: 1 credit **Course Length:** Year
Grades: 11-12 **Fees:** None

Anatomy is designed for students with an interest in the human body and/or medical sciences. This course starts with a basic overview of cells and their components, as well as a review of the chemistry necessary to properly understand how cells and parts of the human body function. Students will study the organ systems in great depth; including structure, shape, function and relationship to other systems. This course involves a mixture of lecture, lab work, and dissection.

COLORADO WILDLIFE

Prerequisite: CP Biology or Biology
Credit: 1/2 credit **Course Length:** Sem.
Grades: 11-12 **Fees:** None

This is a project-based course that examines the five vertebrate classes present in Colorado. General characteristics of fish, amphibians, reptiles, birds, and mammals are examined as a class. Students learn about more than 100 local animal species through a series of projects and student presentations. Complementary topics such as ecology, human impact on the environment, and controversial wildlife issues are examined. Emphasis is also placed on learning current technology to present projects to the class.

ENVIRONMENTAL SCIENCE

Prerequisite: CP Biology or Biology
Credit: 1/2 credit **Course Length:** Sem.
Grades: 11-12 **Fees:** None

Environmental Science is a lab-based course designed to provide students with an understanding of ecosystem concepts and the interactions that take place between humans and their environment. Topics include: the ecosystem, populations, soil, water, pollution and renewable/nonrenewable energy.

ASTRONOMY

Prerequisite: CP Biology or Biology
Credit: 1/2 credit **Course Length:** Sem.
Grades: 11-12 **Fees:** None

This course focuses on the modern science of astronomy and cosmology. The process of scientific study provides the foundation of this course. Students will study the relationship of the Earth with our solar system, our galaxy and the universe. Some topics include planets, stars, black holes, quasars, stellar evolution and other solar phenomena.

GEOLOGY - ONLINE

Prerequisite: Counselor Signature
Credit: 1 credit (Science) **Course Length:** Sem.
Grade: 11-12

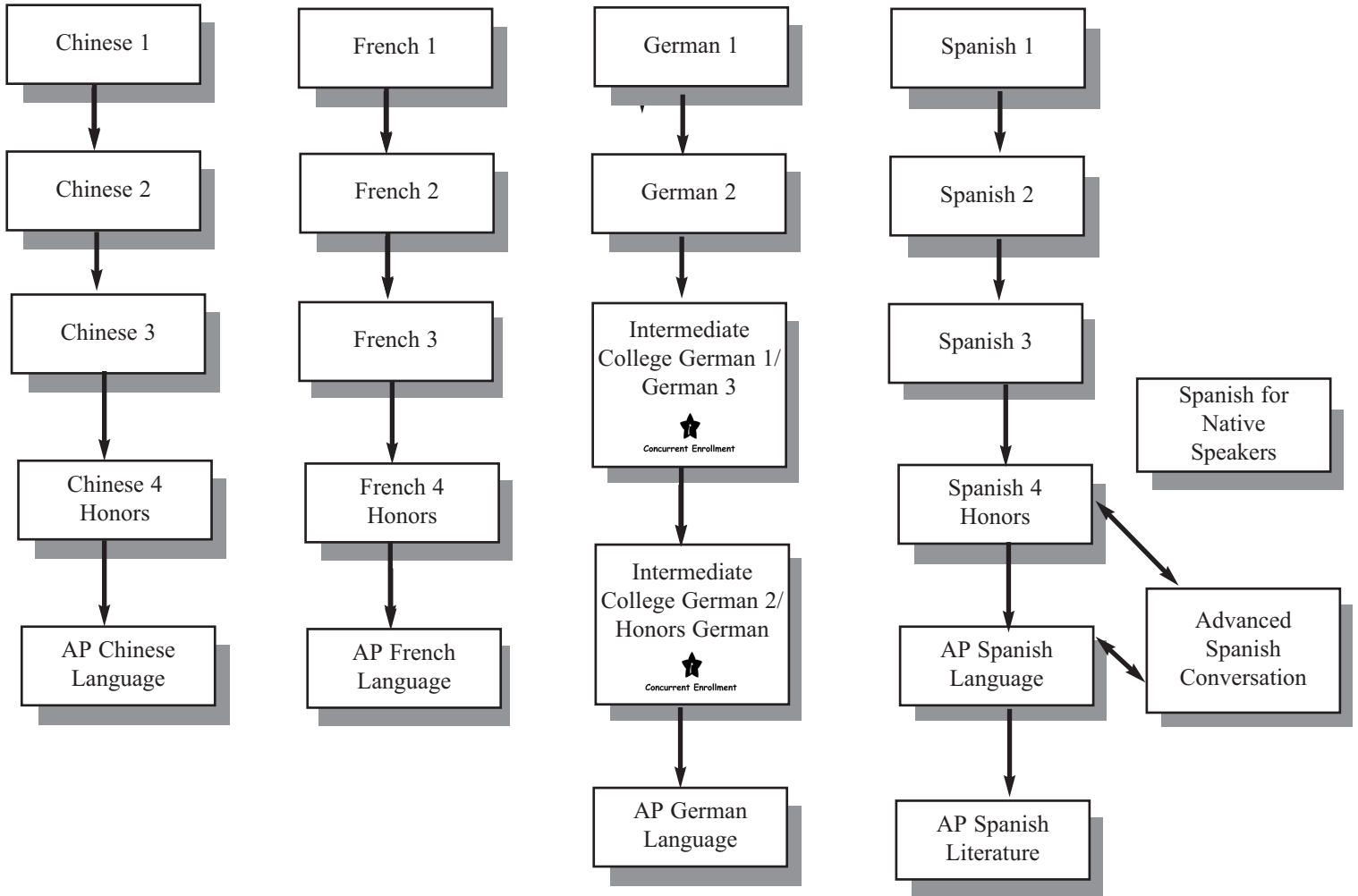
Geology will examine the earth as a dynamic system. Students will examine processes for and evidence of how the earth renews itself, including weathering, erosion, and plate tectonics. Students will also learn about the costs, benefits and consequences of using every resources. Students will perform labs at home with equipment provided.

EARTH SCIENCE

Prerequisite: Below Algebra II or Chemistry completed or concurrently enrolled in Chemistry
Credit: 1 credit **Course Length:** Year
Grade: 11-12 **Fees:** None

This course introduces the major principles of Earth Science. The course will include the study of astronomy, meteorology, geology, and oceanography. The content, reading, and pacing levels of this course are assessable to all students and encourage the development of science literacy.

WORLD LANGUAGE FLOW CHART



WORLD LANGUAGES

The Grandview World Language program is standards-based, emphasizing the National Standards for communication, cultural comparisons, and connections. According to these standards, students must be able to perform the following: write in the foreign language using effective writing strategies to communicate clearly; read the foreign language to construct meaning from a variety of materials; speak the foreign language to convey meaning through speech in both formal and informal situations; listen to the foreign language and interpret verbal cues to construct meaning; and understand the cultural context of the foreign language.

Due to the sequential nature of language development, it is recommended that each student demonstrate proficiency in standards assessments in writing, reading, speaking, listening, and cultural comparisons upon completion of each language level. With this assessment process, each student is prepared for the next level of language development and has the skills to achieve his/her potential. Because technology is an integral aspect of today's world, the World Language curriculum incorporates the use of the Internet, interacting with CD-DVD Rom programs, and creating multi-media presentations.

Although not a graduation requirement of Grandview High School, learning a world language is strongly encouraged. Many colleges have a minimum foreign language entrance requirement (see page 1 for CCHE guidelines). For example, some programs at the University of Colorado require completing level 3 in a single language, and other state schools strongly advocate completing at least level 2 of a foreign language.

CHINESE 1

Prerequisite: None
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: None

This is a beginning course in Chinese in which students will begin the study of basic Mandarin Chinese and the formation of Chinese characters. The focus on the course will be speaking, reading, writing and listening in Mandarin Chinese while discovering the richness of Chinese culture and history.

CHINESE 2

Prerequisite: Demonstrated proficiency in Chinese 1 or teacher recommendation.
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: None

Building on the speaking, reading, writing and listening skills acquired in Chinese 1, students will encounter a few of the more complex grammatical structures and finish assimilating the first series of Chinese characters. In addition to daily oral practice, students will read and write in Chinese, and interact with authentic Chinese language materials, both aural and written. To deepen understanding of Chinese culture and language, students are encouraged to participate in Chinese club activities.

CHINESE 3

Prerequisite: Chinese 2/Demonstrated proficiency in Chinese 2 or teacher recommendation
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: None

In Chinese 3, students will continue to develop their abilities in speaking, listening, reading and writing modern Mandarin Chinese. This course will particularly emphasize communicative competence and cultural awareness through regular contact with authentic linguistic and cultural materials in the classroom. To deepen understanding of Chinese culture and language, students are encouraged to participate in Chinese club activities.

CHINESE 4 HONORS

Prerequisite: Chinese 2/Demonstrated proficiency in Chinese 2 or teacher recommendation
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: None

In Chinese 4 Honors, students will continue to develop their abilities in speaking, listening, reading and writing modern Mandarin Chinese with a strong emphasis on communicative competence and cultural awareness. In addition, students will regularly engage in exercises designed to develop the level of literacy in Chinese necessary to carry them through the AP level course. Due to the advanced nature of this course, grades will be weighted.

AP CHINESE

Prerequisite: Successful completion of Chinese 3 and 4, equivalent level of Chinese study, or permission of instructor.
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: See AP Section

In this course, students will expand their spoken and written vocabulary and develop their language skills to an ACTFL intermediate mid-high level. In addition to the textbook, students will explore authentic language material including films, stories, articles, music and internet sources. This course will prepare students for continued study of the Chinese language at the college level. In addition, students will have the opportunity to take the AP Chinese Language and Culture exam, administered at end of the second semester, and may receive college credit for successful completion of that exam.

FRENCH 1

Prerequisite: None
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: None

In addition to learning basic language skills of speaking, reading, writing, and listening, students will discover important cultural information that will aid them in a journey to France, many African countries, Quebec, and Louisiana. Although the primary focus of this course will be on listening comprehension and oral proficiency, students also will study basic grammatical structures. Vocabulary enrichment will be emphasized. Students will explore French culture on the Internet and interact with authentic materials on CD Rom. French Club is open to interested students.

FRENCH 2

Prerequisite: Demonstrated proficiency in French 1 or teacher recommendation
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: None

Building on French 1 speaking, reading, writing, and listening skills, French 2 students will begin to understand a few of the more complicated grammatical constructions. In addition to daily oral practice, students will read and respond in writing to French materials. To gain a personal insight into French culture the students are invited to participate in the French Club activities.

FRENCH 3

Prerequisite: Demonstrated proficiency in French 2 or teacher recommendation
Credit: 1 credit
Grades: 9-12
Course Length: Year
Fees: None

Students will extend their vocabulary development, grammar knowledge, and syntactical structures; and by learning expressions, constructions, and more complicated verb tenses and moods, students will fine tune their French. Frequent oral presentations and compositions will help students to express themselves with accuracy and confidence. Students will improve their reading comprehension through reading a variety of French genre, which may include short stories, newspapers, magazine articles, novels, or dramas.

FRENCH 4 HONORS

Prerequisite:	Demonstrated proficiency in French 3 or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grades:	10-12	Fees:	None

Students will work on mastering their fluency in speaking, reading, writing, and listening. Vocabulary enrichment continues to be of utmost importance as does reviewing and refining grammatical and syntactical structures. Students will read a variety of literary, and contemporary works by native authors and will focus on French contributions to the arts and humanities. To increase oral competence, students frequently will respond to visual or word prompts. Students will also be given the possibility to participate in a trip to France in the spring. Due to the advanced nature of this course, grades will be weighted.

ADVANCED PLACEMENT FRENCH LANGUAGE

Prerequisite:	Demonstrated proficiency in French 4 Honors or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grades:	11-12	Fees:	See AP Section

This course is designed to meet the needs of academically motivated students who plan to attend college. Students will increase fluency in speaking, reading, writing, and listening. The focus will be on developing a strong command of vocabulary and structure; understanding spoken French in various conversational situations; reading newspaper and magazine articles, contemporary fiction, and non-technical writings without the use of a dictionary; and fluently and accurately expressing ideas orally and in writing. To prepare students for the AP exam, students also will write time-limited compositions, respond orally to visual or word prompts in class, and regularly practice spontaneous responses and fluency in the language lab. An Advanced Placement French Language exam will be administered at the end of the course. Depending upon the score on the AP exam and the policies of the individual college, the student may receive college credit. Due to the advanced nature of this course, grades will be weighted.

GERMAN 1

Prerequisite:	None		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

In addition to learning basic language skills of speaking, reading, writing, and listening, students will discover important cultural information that will aid them in a journey to Germany, Austria, or Switzerland. Although the primary focus of this course will be on listening comprehension and oral proficiency, students also will study basic grammatical structures. Vocabulary enrichment will be emphasized. Students will explore German culture on the Internet and interact with authentic materials on CD Roms.

GERMAN 2

Prerequisite:	Demonstrated proficiency in German 1 or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

Building on German 1 speaking, reading, writing, and listening skills, German 2 students will begin to understand a few of the more complicated grammatical constructions. In addition to daily oral practice, students will read and respond in writing to German materials. Students will correspond with German pen pals via the Internet to practice their communication skills and to gain a personal insight into German culture.

INTERMEDIATE COLLEGE GERMAN 1/GERMAN 3



Prerequisite:	Demonstrated proficiency in German 2 or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

Students will extend their vocabulary development, grammar knowledge, and syntactical structures; and by learning expressions, constructions, and more complicated verb tenses and moods, students will fine tune their German. Students will improve their reading comprehension through reading a variety of German literature, which may include short stories, newspapers, magazine articles, novels, or dramas. Students will develop composition skills, creating a quarterly portfolio. Three semester hour credits can be earned through University of Colorado at Denver.

INTERMEDIATE COLLEGE GERMAN 2/GERMAN 4



Prerequisite:	Demonstrated proficiency in Intermediate College German 1 or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	10-12	Fees:	None

Students will work on mastering their fluency in speaking, reading, writing, and listening. Students will refine grammatical and syntactical structures as they read, write, and speak in German. German contributions to Western culture. Due to the advanced nature of this course, grades will be weighted. Three semester hour credits can be earned through University of Colorado at Denver.

ADVANCED PLACEMENT GERMAN LANGUAGE

Prerequisite:	Demonstrated proficiency in German 4 Honors or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	11-12	Fees:	See AP section

Students will work on mastering their fluency in speaking, reading, writing, and listening. Vocabulary enrichment continues to be of utmost importance as does reviewing and refining grammatical and syntactical structures. Students will read a variety of literary, historical, and contemporary works and will focus on German contributions to the arts and humanities. An Advanced Placement German Language exam will be administered at the end of the course. Depending upon the score on the AP exam and the policies of the individual college, the student may receive college credit. Due to the advanced nature of this course, grades will be weighted. This course will be offered in combination with German IV Honors.

SPANISH 1

Prerequisite:	None		
Credit:	1 credit	Course Length:	Year
Grades:	9-12	Fees:	None

This is a beginning course in Spanish in which students will study basic Spanish vocabulary and grammatical structures. The focus on the course will be on the development of the communicative skills of reading, speaking, writing and listening in the Spanish language while discovering some of the richness of the Spanish and Latin American cultures. Students will explore the Hispanic cultures and practice their language skills on the Internet and by interacting with authentic material on CD's and DVD's. Spanish Club is open to interested students.

SPANISH 2

Prerequisite:	Demonstrated proficiency in Spanish 1 or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

By building on Spanish 1 speaking, reading, writing, and listening skills, Spanish 2 students will expand and enrich their knowledge of Spanish vocabulary and grammatical structures while furthering their knowledge of the Hispanic world. Students will learn strategies to help them understand authentic spoken and written Spanish texts and to express themselves in Spanish about a variety of familiar topics in oral and written form. Students will explore the Hispanic cultures and practice their language skills on the Internet and by interacting with authentic material on CD's and DVD's. Spanish Club and an opportunity to travel to a Spanish-speaking country are open to interested students.

SPANISH 3

Prerequisite:	Demonstrated proficiency in Spanish 2 and teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

In this course students will build on their Spanish 2 background to extend their vocabulary development and their knowledge of grammar and syntactical structures while furthering their knowledge of the Hispanic world. A major emphasis is placed on the development of learning strategies that will help students understand authentic spoken and written texts in Spanish and to effectively communicate in written and oral form with accuracy and confidence. Students will explore the Hispanic cultures and practice their language skills on the Internet and by interacting with authentic material on CD's and DVD's. Spanish Club and an opportunity to travel to a Spanish-speaking country are open to interested students.

SPANISH 4 HONORS

Prerequisite:	Demonstrated proficiency in Spanish 3 or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	10-12	Fees:	None

In this course students will work on developing their fluency in speaking, reading, writing, and listening. Vocabulary enrichment continues to be of utmost importance as does reviewing and refining grammatical and syntactical structures. Students will read a variety of literary, historical, and contemporary works and will continue to refine their oral and written communicative abilities. They will explore the diversity of the Hispanic world as well as the contributions of many Hispanics to modern society. Spanish Club and an opportunity to travel to a Spanish-speaking country are open to interested students. Due to the advanced nature of this course, grades will be weighted.

ADVANCED PLACEMENT SPANISH LANGUAGE

Prerequisite:	Demonstrated proficiency in Spanish 4 Honors or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	11-12	Fees:	See AP Section

This course is designed to meet the needs of academically motivated students who plan to attend college. Students will increase fluency in speaking, reading, writing, and listening. The focus will be on developing a strong command of vocabulary and structure; understanding spoken Spanish in various conversational situations; reading newspaper and magazine articles, contemporary fiction, and non-technical writings; and fluently and accurately expressing ideas orally and in writing. To prepare students for the AP exam, students also will write time-limited compositions, respond orally to visual or word prompts in class, and regularly practice spontaneous responses and fluency in the language lab. An Advanced Placement Spanish Language exam will be administered at the end of the

course. Depending upon the score on the AP exam and the policies of the individual college, the student may receive college credit. Due to the advanced nature of this course, grades will be weighted.

ADVANCED SPANISH CONVERSATION

Prerequisite:	Demonstrated proficiency in Spanish 4 Honors or higher and teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

This course is designed for students who have completed level IV or higher of their Spanish studies and wish to develop their communication skills further. Using short stories and current events as a springboard, students will use their language skills to write on a variety of topics, discuss everyday as well as controversial topics, and to listen and respond to spoken Spanish on a variety of contemporary issues.

ADVANCED PLACEMENT SPANISH LITERATURE

Prerequisite:	Demonstrated proficiency in AP Spanish Language and/or teacher recommendation		
Credit:	1 credit	Course Length:	Year
Grade:	11-12	Fees:	See AP Section

In this course, advanced, motivated Spanish students will achieve a greater understanding of the Spanish language, Peninsular and Latino American civilizations and cultures through their respective literature. Students will be exposed to the formal study of prose, poetry and drama and will improve upon the following skill areas: listing, reading, writing and speaking. Students will also achieve a greater capacity to analyze and understand authentic texts in their original form with culture and historical contexts. The focus of this class is intellectual commentary regarding theme and other literary devices, which complement the skills developed in Advanced Placement English Literature. Students will develop a panoramic vision of major literary movements and their idiosyncrasies in Spain and Latin America ranging in time from the Middle Ages to the 20th Century. The Advanced Placement Spanish Literature Exam will be administered at the end of the course. Contingent upon the score on the AP exam and the policies of the individual college, the student may receive college credit. Due to the advanced nature of this course, grades will be weighted.

SPANISH FOR NATIVE SPEAKERS

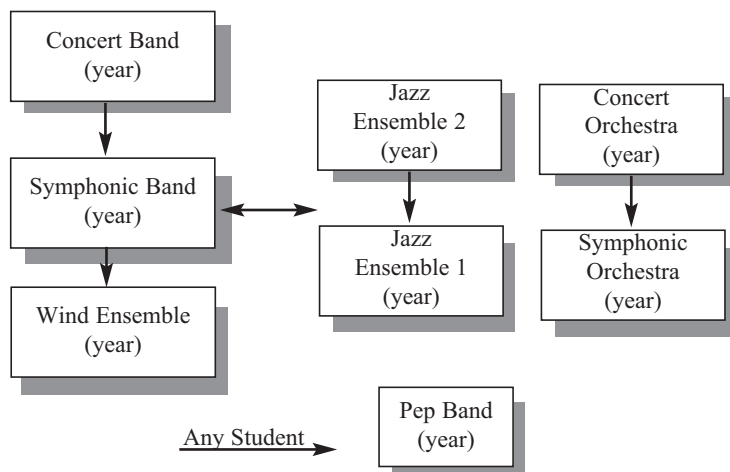
Prerequisite:	Placement test/oral interview		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

This course is intended for students that are native speakers of Spanish and are literate in the Spanish language. Students will focus on reading and writing skills in Spanish, the appropriate use of register, and learn about the history and cultures of the Hispanic world. Students will come to appreciate the rich diversity of the Hispanic community as they are encouraged to share their own culture and traditions with other members of the class. They will read and discuss Hispanic literature, improve oral presentation and demonstration skills and fine-tune their writing skills and grammatical accuracy. The goal of this course is not only to polish each student's skills in Spanish, but also to reinforce the study skills necessary for success in all courses. It is our hope that these students will leave this course with the skills and confidence necessary to continue on with their language study at the Advanced Placement level at Grandview as well as continuing on into intermediate and advanced university Spanish courses.

INSTRUMENTAL MUSIC

At Grandview High School, “The Arts Make a Difference!” Arts education is essential to each person’s development. It is a principal means for helping students discover beauty and joy in life. Performing arts are vehicles for cultivating personal expression and for fostering creative potential. As a result of participation in the arts, students discover our shared cultural heritage and prepare for meaningful lifelong activities. Considering the many benefits of an arts education, participation in one or more areas of Grandview’s diverse and dynamic arts program should be an integral part of the course of study for all students wanting a well rounded educational experience. The arts at Grandview High School will make a difference in your life! In addition to the courses listed below, students have the opportunity to participate in Pep Band. The Pep Band is open to any students with previous band experience, whether or not they are currently enrolled in an instrumental music class. Rehearsals will be scheduled after school on a weekly basis during the fall and winter sports seasons. The Pep Band plays for many home football, volleyball, and basketball games. Additional performance opportunities at area college and university sporting events may also be scheduled.

INSTRUMENTAL MUSIC FLOW CHART



CONCERT BAND

Prerequisite: Prior band experience

Credit: 1 credit

Grade: 9-12

Course Length: Year

Fees: \$50-\$100 for uniform

The **Concert Band** is open to students who have previous band experience and have a desire to continue developing their skills on a wind or percussion instrument. No audition is required for this class. Students will develop greater skills in ensemble playing while reinforcing their knowledge of fundamentals such as proper posture and breath support, instrument position and tone production. Students will learn about great composers of wind band repertoire and will develop a greater understanding of what makes an excellent performance. Concerts will be scheduled throughout the year and attendance at each performance is mandatory.

SYMPHONIC BAND

Prerequisite: Concert Band and/or audition by instructor

Credit: 1 credit

Grade: 9-12

Course Length: Year

Fees: \$50-\$100 for uniform

The **Symphonic Band** is comprised of auditioned band players and percussionists who demonstrate strong skills in basic musicianship and have a desire to further develop and refine their abilities. Students who become members of the symphonic band will have the opportunity to study music that is more difficult than that encountered in the concert band yet not quite as difficult as the literature played by the wind ensemble. It is expected that each student will be willing to practice on their own outside of the school day. Concerts will be scheduled throughout the year and attendance at all performances is mandatory. Interested students will also have an opportunity to learn about chamber music by forming small ensembles that will rehearse outside of class.

WIND ENSEMBLE

Prerequisite: Symphonic Band and/or audition by instructor

Credit: 1 credit

Grade: 10-12

Course Length: Year

Fees: \$100-140 for uniform

The **Wind Ensemble** is a select group comprised of the most advanced wind players and percussionists at Grandview High School. Students who become members of the wind ensemble will have the opportunity to perform a number of great works from the wind band repertoire including those of contemporary composers. As the emphasis of this course will be on difficult literature it is expected that each student demonstrate a high level of commitment and personal responsibility. Students will be expected to practice on a regular basis. Students who excel often study privately with a qualified instructor. Several concerts will be scheduled throughout the year and attendance at each performance is mandatory. Chamber music performance opportunities will also be made available to interested students and are strongly encouraged.

JAZZ ENSEMBLE 2 (JAZZ BAND 2)

Prerequisite: Audition by Director

Credit: 1 credit

Grade: 9-12

Course Length: Year

Fees: \$50-\$100 for uniform

The **Jazz Ensemble 2** is open to any student with a successful audition who wants to develop a better understanding of what it means to perform in a “jazz ensemble.” Students will learn about the basic skills necessary to perform with jazz style including phrasing, articulation, and interpretation. Students will also learn about jazz theory and harmony. All students will be encouraged to explore the concepts of improvisation and jazz solo construction. Concerts will be scheduled throughout the year and attendance at all performances is mandatory. This class serves as a prerequisite for the Jazz Ensemble.

JAZZ ENSEMBLE 1 (JAZZ BAND 1)

Prerequisite: Jazz Ensemble 2 and/or audition by Instructor

Credit: 1 credit

Grade: 10-12

Course Length: Year

Fees: \$50-\$100 for uniform

The **Jazz Ensemble 1** is a group of the most advanced jazz players. A strong emphasis will be placed on performance and developing skills in improvisation and in developing a better understanding of various musical styles such as swing, jazz ballad, funk, fusion, Latin, etc. Students will be expected to practice on a regular basis and to demonstrate a high level of commitment and personal responsibility. Concerts will be scheduled throughout the year and attendance at all performances is mandatory.

CONCERT ORCHESTRA

Prerequisite: Middle school orchestra or consent of the high school orchestra instructor

Credit: 1 credit

Grade: 9-12

Course Length: Year

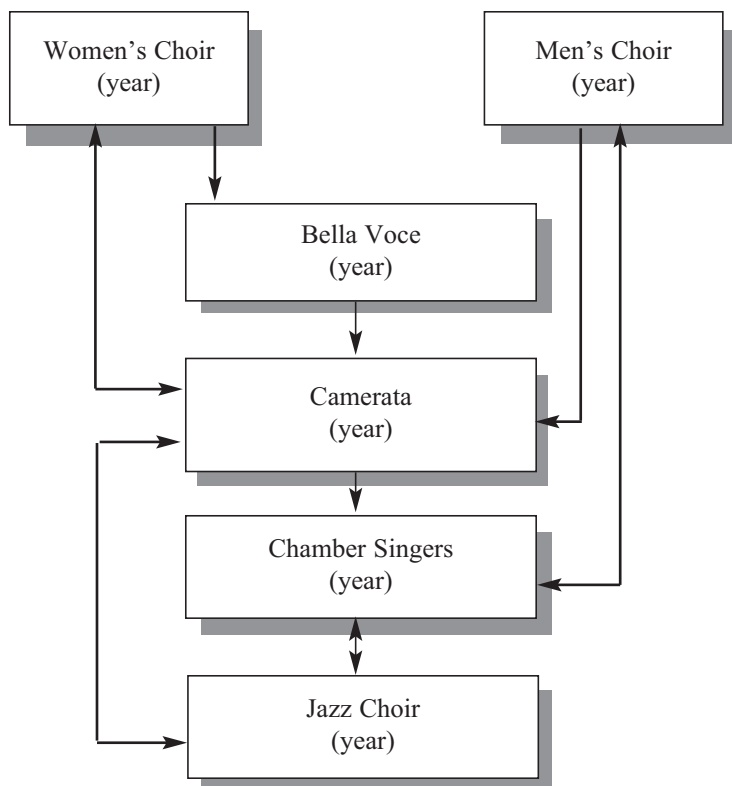
Fees: \$70-\$110 for uniform

Concert Orchestra is open to all students with previous string experience. A variety of Level III and Level IV string orchestra literature from all style periods will be studied. Concerts will be scheduled throughout the year and attendance is required.

VOCAL MUSIC

At Grandview High School, “The Arts Make a Difference!” Arts education is essential to each person’s development. It is a principal means for helping students discover beauty and joy in life. Performing and visual arts are vehicles for cultivating personal expression and for fostering creative potential. As a result of participation in the arts, students discover our shared cultural heritage and prepare for meaningful lifelong activities. Considering the many benefits of an arts education, participation in one or more areas of Grandview’s diverse and dynamic arts program should be an integral part of the course of study for all students wanting a well-rounded educational experience. The Arts at Grandview High School will make a difference in your life!

VOCAL MUSIC FLOW CHART



MEN'S CHOIR

Prerequisite: None
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

Men's Choir is an entry-level singing group. Students will learn essential vocal technique, performance skills, and the fundamentals of music literacy. A wide range of choral and solo music will be used. Emphasis will also be placed on developing teamwork and experiencing the excitement of performance during five required concerts held at school during the year.

WOMEN'S CHOIR

Prerequisite: None
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

Women's Choir is an entry-level singing group. Students will learn essential vocal technique, performance skills, and the fundamentals of music literacy. A wide range of choral and solo music will be used. Emphasis will also be placed on developing teamwork and experiencing the excitement of performance during five required concerts held at school during the year.

BELLA VOCE

Prerequisite: Audition by Director
Credit: 1 credit
Grade: 10-12
Course Length: Year
Fees: \$60-\$100 for uniform

Bella Voce is an intermediate choral experience for women who demonstrate high levels of vocal skill and personal responsibility as well as a scholarly attitude toward learning musicianship. Emphasis will be on developing elegance and precision in the performance of high quality choral literature for treble voices. Five required concerts held during the school year.

CAMERATA

Prerequisite: Audition by Director
Credit: 1 credit
Grade: 10-12
Course Length: Year
Fees: \$60-\$110 for uniform

Camerata is an advanced level experience for both men and women. Emphasis is on refining the skills learned in Men's Choir, Women's Choir and Bella Voce and learning more sophisticated ensemble techniques. Challenging choral music in multiple styles will be learned and performed. Five school concerts as well as several performances outside of school will be required. Optional small ensemble and solo performances will be available for interested students.

CHAMBER SINGERS

Prerequisite: Audition by Director
Credit: 1 credit
Grade: 10-12
Course Length: Year
Fees: \$75-110 for uniform

Chamber Singers is a highly select mixed ensemble for students who demonstrate high levels of vocal skill and personal responsibility as well as a scholarly attitude toward learning. Emphasis will be on developing maturity and precision in the performance of the full range of choral literature for mixed voices and on helping students become increasingly aware of the incredible integration of human experience that is the nature of choral music. Weekly practice outside of school is required. Participation in 5 to 10 performances in addition to regular school concerts is required. Additional optional performances will be available for interested students.

JAZZ CHOIR

Prerequisite: Audition by Director + involvement in 2 years of GHS choir
Credit: 1 credit
Grade: 10-12
Course Length: Year
Fees: \$40-100 for uniform

Jazz Choir is a highly select mixed ensemble for students who demonstrate high levels of vocal skill and personal responsibility as well as a scholarly attitude toward learning musicianship. Emphasis will be on developing jazz tone and style, improvisation techniques, advanced levels of choral tuning, and intricacies of jazz performance. Weekly practice outside of school is required. Participation in 10 to 15 performances in addition to regular school concerts is required. It is recommended that students in Jazz Choir also be in another choir in the Grandview performing arts department, but not mandatory.

ADDITIONAL PERFORMING ARTS COURSES

At Grandview High School, “The Arts Make a Difference!” Arts education is essential to each person’s development. It is a principal means for helping students discover beauty and joy in life. Performing and visual arts are vehicles for cultivating personal expression and for fostering creative potential. As a result of participation in the arts, students discover our shared cultural heritage and prepare for meaningful life-long activities. Considering the many benefits of an arts education, participation in one or more areas of Grandview’s diverse and dynamic arts program should be an integral part of the course of study for all students wanting a well-rounded educational experience. The Arts at Grandview High School will make a difference in your life!

AP Music Theory
(year)

Survey of the History of
Rock & Roll
(semester)

Social Dance 1
(semester)

Social Dance 2
(semester)

AP MUSIC THEORY

Prerequisite: Consent of music instructor
Credit: 1 credit **Course Length:** Year
Grade: 10-12 **Fees:** See AP Section

The goal of **AP Music Theory** is to develop a student’s ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Students will develop analytical skills, performance skills, aural skills and compositional skills. Before taking this course, **students should know their major key signatures**, be able to read and write musical notation, and have basic performance skills in voice or on instrument.

HISTORY OF ROCK AND ROLL

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** None

The title to Survey of the **History of Rock and Roll** says it all. It’s about the sound, people, places and events that have rocked the world for the last 50 years. Learn how Elvis made the whole thing happen, how the Beatles soared to popularity, how MTV started, and other insights into the music that you love. Students will be responsible for individual projects and for group work.

SOCIAL DANCE 1

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** None

Social Dance is a lifetime sport and an exciting new class at GHS. Students will learn partnered dances from many different cultures and traditions. Curriculum includes Swing Dance, Salsa, Merengue, Tango, Contra and Traditional Ballroom styles. Students will work together to present multimedia research projects on a chosen area of Dance. As we will follow the social dance tradition of boys learning the lead (role) and girls learning the follow, efforts will be made to gender balance this class. Physical Education credit may be earned through this course.

SOCIAL DANCE 2

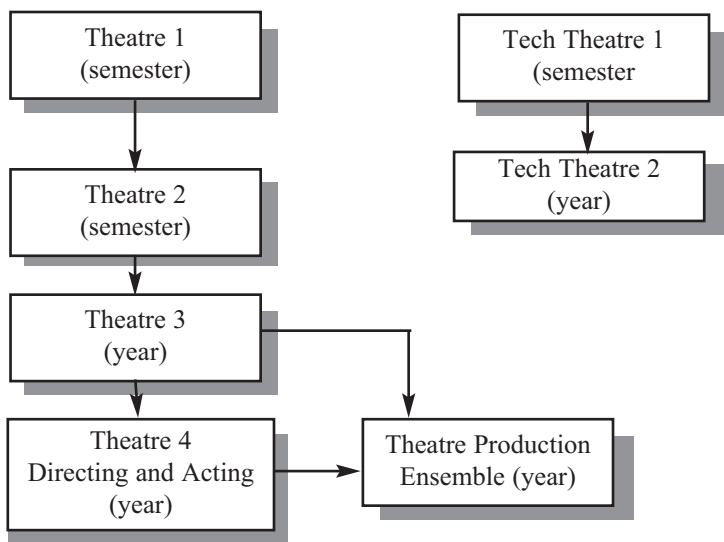
Prerequisite: Social Dance 1
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** None

This class is a continuation of Social Dance 1 including more advanced material and performance opportunities. Physical Education credit may be earned through this course.

THEATRE

At Grandview High School, "The Arts Make a Difference!" Arts education is essential to each person's development. It is a principal means for helping students discover beauty and joy in life. Performing and visual arts are vehicles for cultivating personal expression and for fostering creative potential. As a result of participation in the arts, students discover our shared cultural heritage and prepare for meaningful life-long activities. Considering the many benefits of an arts education, participation in one or more areas of Grandview's diverse and dynamic arts program should be an integral part of the course of study for all students wanting a well-rounded educational experience. The Arts at Grandview High School will make a difference in your life!

THEATRE FLOW CHART



THEATRE 1

Prerequisite: None
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

Students in **Theatre 1** develop the beginning acting skills of a mature performer and obtain an overview of theatre at Grandview High School. Participation in class activities enhances the student's self-confidence, poise and creativity. Performance projects include, but are not limited to: improvisation, storytelling, pantomime, playmaking, monologues and scenes. In addition to classwork, students are required to participate in at least 5 hours of theatre production activities outside of class.

THEATRE 2

Prerequisite: Theatre 1
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

In **Theatre 2**, students expand on skills learned in Theatre 1. Emphasis will be given to play and character analysis through daily acting practice, improvisation, and discussion. Performance projects include, but are not limited to: scene study, monologues, playmaking, improvisation, voice, movement, and auditioning. In addition to classwork, students are required to participate in at least 5 hours of theatre production activities outside the classroom.

THEATRE 3

Prerequisite: Theatre 2 and instructor's approval
Credit: 1 credit
Grade: 10-12
Course Length: Year
Fees: None

Theatre 3 is an advanced course in acting. Students refine the skills studied in Theatre 1 and Theatre 2. Course work will include the following: improvisation, script analysis, character analysis, theatre history, and advanced acting techniques. Participation in the State Thespian Conference as well as play production is strongly encouraged.

THEATRE 4 – DIRECTING AND ACTING

Prerequisite: Theatre 3 and instructor's approval
Credit: 1 credit
Grade: 11-12
Course Length: Year
Fees: None

Theatre 4 allows students to pursue the fundamentals of stage direction. It emphasizes the artistic and collaborative development of auditioned acting students. Scenes are drawn from the Greeks, Shakespeare, Moliere, Chekhov, Williams and Wilson, among others. Course work may include the following: directing and advanced acting, script and character analysis and design concepts. Students refine the skills studied in Theatre 1, 2 and 3. Course work will include the following: improvisation, script analysis, character analysis, theatre history, advanced acting techniques, and multiple directing techniques. Participation in the State Thespian Conference as well as play production is strongly encouraged.

THEATRE PRODUCTION ENSEMBLE

Prerequisite: Audition Only
Credit: 1 credit
Grade: 11-12
Course Length: Year
Fees: None

This audition-only course is for the advanced theatre student. It emphasizes the artistic and collaborative development of auditioned, advanced students. Play production is the core of this class. Students may be performing the following dramatic genres: murder mystery, children's theatre, improvisation, Shakespeare, 1-Acts and/or ensemble production. Students are required to participate in the evening productions which will be produced at least once a quarter. Participation in the State Thespian Conference as well as play production is strongly encouraged.

TECH THEATRE 1

Prerequisite: None
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

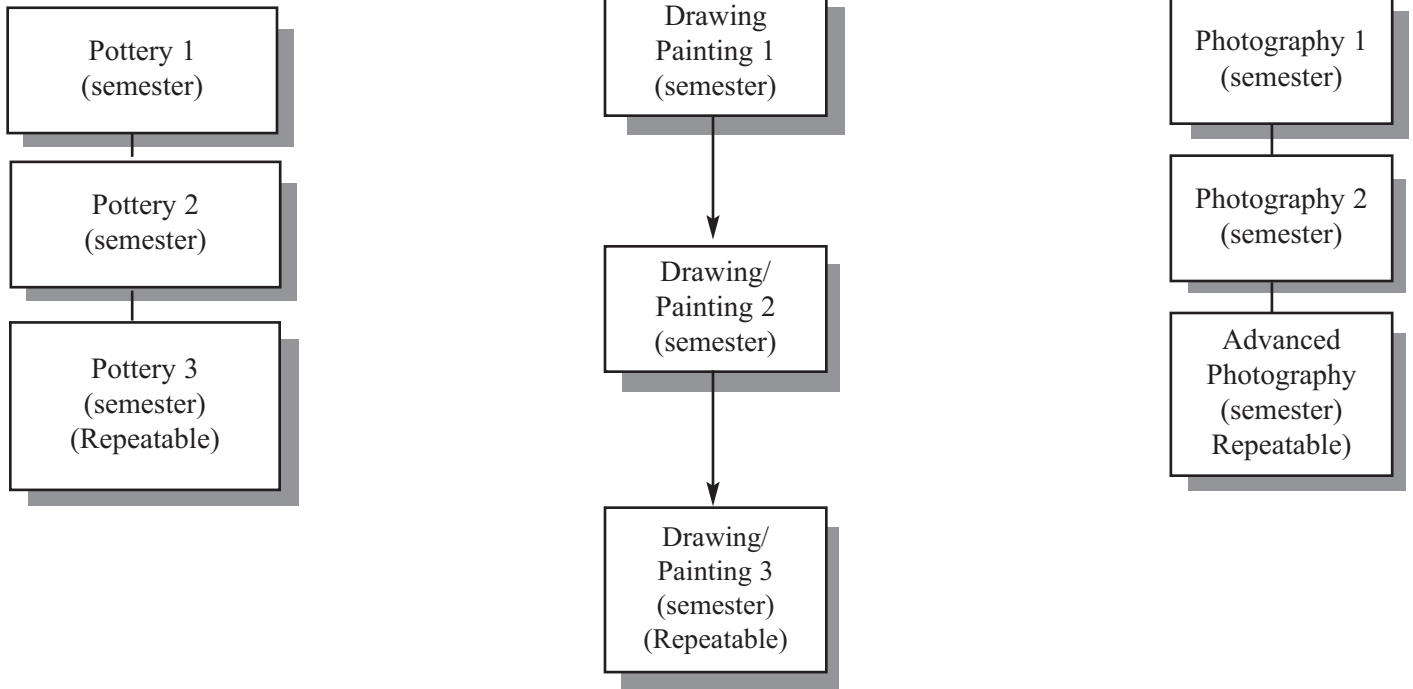
Tech Theatre 1 offers students a hands-on opportunity to learn all aspects of stagecraft for the production of plays and auditorium events. Students will learn scenery construction and painting, stage lighting and sound, property and costuming essentials, theatre organization and management, and equipment maintenance. In addition to classwork, students are required to participate in at least ten hours of stage production activities in the GHS Theatre.

TECH THEATRE 2

Prerequisite: Theatre 1 or consent of instructor
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

In **Tech Theatre 2**, students refine the skills learned in Tech Theatre 1 and work on theatre production activities at an advanced level. Emphasis will be on leading stage crews, production organization and management, the design of scenery, lighting, sound, makeup, costuming, properties, and business management and publicity. Students will apply their learning by managing production activities in the GHS Theatre. A minimum of 40 hours of these activities outside of class time will be required each semester.

VISUAL ARTS FLOW CHART



VISUAL ARTS COURSE DESCRIPTIONS

The Grandview Visual Arts Department invites all Grandview students to make the visual arts a part of their High School experience. We offer a variety of courses in traditional two dimensional, three dimensional, photographic, and digital media areas. Our courses are aimed at providing a solid foundation in technical, compositional, and expressive skills. Whether you are interested in pursuing visual art as a career, or merely as means of expanding your cultural horizons, we offer the finest instruction, facilities, and materials for your visual art experience.

DRAWING/PAINTING 1

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** \$20 for materials

Drawing is the basic language of art. In **Drawing/Painting 1** students will learn the skills and techniques used to depict the visual world. This course combines the best of both fine art and illustration foundations.

DRAWING/PAINTING 2

Prerequisite: Drawing/Painting 1
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** \$25 for materials

Drawing/Painting 2 students will develop advanced drawing and painting skills by working with more complexity in subject matter. Students will explore with different mediums and creative problem solving techniques. Taking a closer look at art history, students will learn traditional techniques along with contemporary trends and techniques..

DRAWING/PAINTING 3

Prerequisite: Drawing/Painting 2 (Illustration and/or Painting)
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** \$25 for materials

Studio Art is for serious advanced students needing studio time in which to refine style and media use. This course can be taken by students in their 3rd or 4th semester of drawing/painting and beyond. the emphasis is on the development of the student's individual portfolio. Digital applications will be available. **This course may be repeated for additional credit.**

PHOTOGRAPHY 1

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** \$45 for materials

Photography 1 is designed to introduce students to the fundamentals of photographic art. Students will learn the origins of photo technology, produce a photogram, and use a "pinhole" camera before moving on to 35mm film cameras. In this class you will learn how to use single lens reflex cameras, and shoot, process, and print your own black and white film. The concepts of creativity, composition, and proper technique will be emphasized throughout the semester. Students will also get an introduction to the use of digital cameras.

PHOTOGRAPHY 2

Prerequisite: Photography 1
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** \$45 for materials

Photography 2 is an intermediate level course designed to expand the student's knowledge of the materials, techniques and processes of traditional and digital photography. In Photo 2, students will expand knowledge about the use of a digital single lens reflex camera, a 35 mm single lens reflex camera, Adobe image-editing software, and experimental or advanced darkroom processes. Additionally, students will be expected to use the language of photography to explain, discuss and argue for or against historical and critical frameworks in photography. Projects will often encompass choices based on themes or genres to foster creative self-expression through the medium of the photographic image.

ADVANCED PHOTOGRAPHY

Prerequisite: Photography 2 and consent of instructor
Credit: 1/2 credit **Course Length:** Sem.
Grade: 11-12 **Fees:** \$45 for materials

This is an advanced level photography course that is repeatable. Students will develop knowledge related to advanced concepts and processes of traditional and digital photography in order to develop student creativity through this artistic medium. This course is structured to prepare students for a career in photographic or digital media arts, or a photography program in college. Students will have a chance to choose a track of study in digital photography and/or traditional black and white photography processes, techniques, materials and projects. The emphasis will be on developing a portfolio that demonstrates a wide breath of photography knowledge that will help students develop professional competencies. Additionally, students will be expected to acquire and use a high level of analysis and awareness about the language of photography. They will be expected to explain, discuss, and argue for or against historical and critical frameworks in photography. They will incorporate their knowledge into their own work, as they explore individual themes and genres in their own bodies of work.

POTTERY 1

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** \$20 for materials

Students taking **Pottery 1** will learn the basic skills and techniques fundamental to producing three-dimensional work. Pinch, coil, and slab construction will be introduced as well as various methods of decoration, glazing, and firing. Throwing on the potter's wheel will be introduced.

POTTERY 2

Prerequisite: Pottery 1
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** \$20 for materials

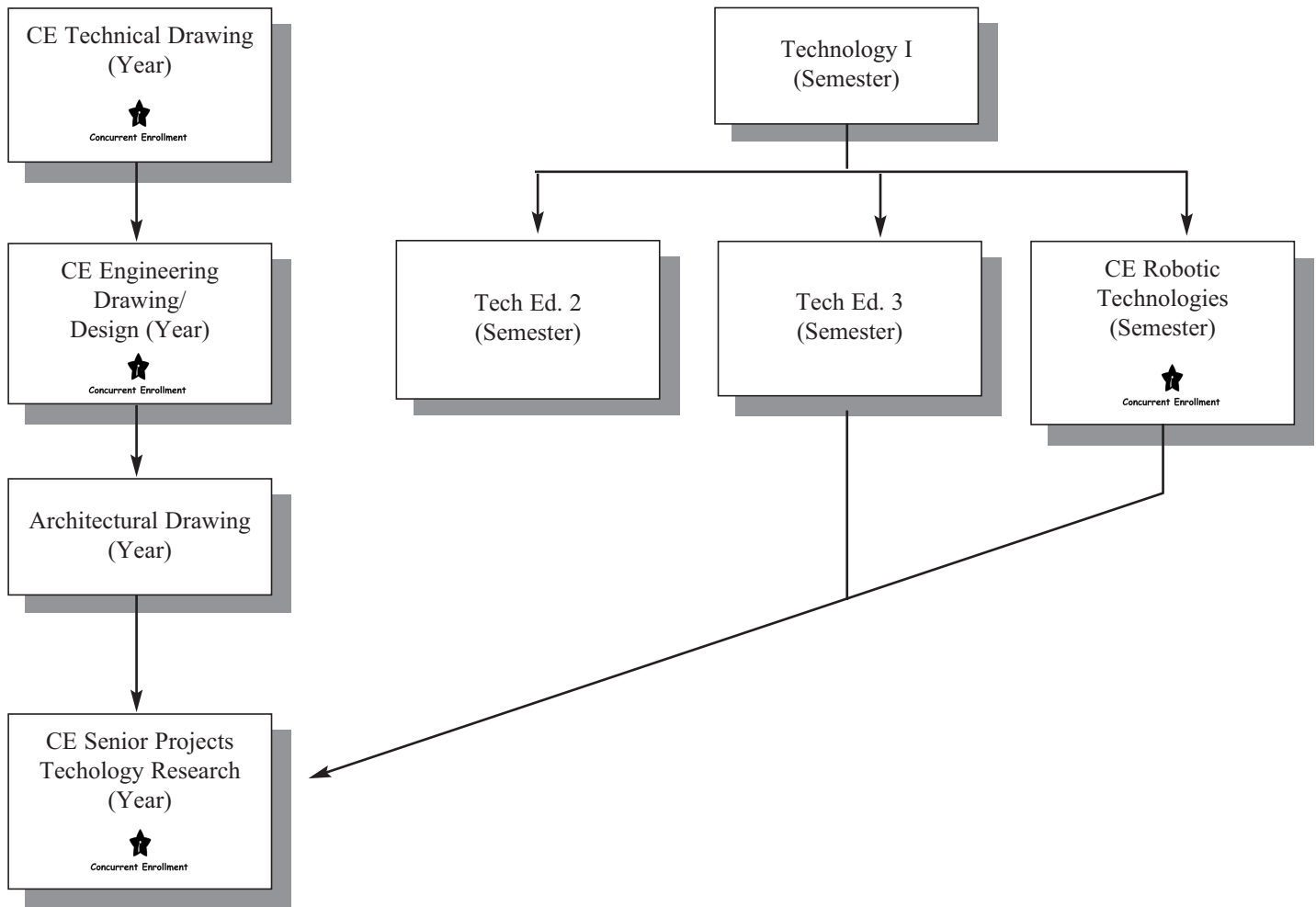
Pottery 2 is an opportunity to further develop and refine the skills practiced in Pottery and Sculpture 1. Emphasis will be on developing projects requiring greater complexity using hand-building techniques and throwing on the potter's wheel.

POTTERY 3

Prerequisite: Pottery 2 and consent of instructor
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** \$20 for materials

Pottery 3 is for highly focused and advanced students wanting in-depth exploration in this media. Students will have an opportunity to develop a personal style by pursuing individual interests as well as developing a personal portfolio. This course should be taken by students in their 3rd semester of pottery and beyond. Projects will change each semester. This course may be repeated for additional credit, or taken as a year long course.

TECHNOLOGY EDUCATION FLOW CHART



TECHNOLOGY EDUCATION

Technology Education classes offer a wide selection of practical courses for students of all ability levels and interests. Course offerings allow students to explore a variety of topics and careers in the applied technologies. Students have the opportunity to begin training that may lead to careers in areas including drafting, architecture, engineering, and other technological fields.

CE TECHNICAL DRAWING CAD 256



Concurrent Enrollment

Prerequisite: None
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

Technical Drawing is an entry level drafting class designed to teach students how to use various drawing instruments to read and create technical drawings. Students will learn the fundamentals of Computer Aided Drafting and Design (CADD) using industry standard software, SolidWorks and SoftPlan, and complete projects that emphasize principles of design, reasoning, problem-solving and presentation skills. This course is designed for students interested in exploring careers related to engineering, architecture, drafting and interior design. Student projects will demonstrate skills and software valued in related industries.

This course aligns with the Colorado Community College course SolidWorks Basics (CAD 256). Students will earn high school credit while at the same time enroll in and earn 6 community college credits. Credit through the University of Colorado is available (fee required).

Students enrolled in CE Technical Drawing are encouraged to participate in the Technology Student Association (TSA)* student organization.

CE ENGINEERING DESIGN CAD 257



Concurrent Enrollment

Prerequisite: Technical Drawing
Credit: 1 credit
Grade: 10-12
Fees: \$20 for materials
Course Length: Year

Engineering Design is the second in a series of classes offered in the area of mechanical design/engineering. This course allows students to further their skills in design and problem solving and continue their learning of industry standard software, SolidWorks. The emphasis of Engineering Design will focus on applying and utilizing the design process to develop products, systems, or processes. Students will be responsible for researching, designing, and constructing a prototype using both CADD and/or fabrication. Students will have the opportunity to take the CSWA professional industry certification exam. A student fee of \$20 will help offset the cost of bridge design model and project 3D prototype prints.

This course aligns with the Colorado Community College course SolidWorks Basics (CAD 257). Students will earn high school credit while at the same time enroll in and earn 6 community college credits. Credit through the University of Colorado is available (fee required).

Students enrolled in CE Engineering Design are encouraged to participate in the Technology Student Association (TSA)* student organization.

ARCHITECTURAL DRAWING

Prerequisite: Technical Drawing, Engineering Drawing and approval of instructor
Credit: 1 credit
Grade: 11-12
Course Length: Year
Fees: \$30.00

Architectural Drawing provides an introduction to the study of residential design and construction. Students will learn how to design and create detailed floor plans with supplemental plans such as elevation, sectional, site, detail, electrical and plumbing drawings. Students will continue use of industry standard software SoftPlan and learn ArchiCAD software. An introduction to construction topics related to the residential design will be included. Students will complete all the steps necessary to design a custom home. A student fee of \$30 will help offset the cost of architectural models of their house designs.

Students enrolled in Architectural Drawing are encouraged to participate in the Technology Student Association (TSA)* student organization.

CE SENIOR PROJECTS CAD 260



Concurrent Enrollment

Prerequisite: Technical Drawing, Engineering Drawing, Architecture, teacher recommendation.
Credit: 1 credit
Grade: 12
Course Length: Year
Fees: None

Senior Projects is a capstone class that allows students to continue their study of technology, technical drawing, engineering, or architecture. Students will work with the teacher to design an independent advanced project to continue studies of a topic which they have developed a strong interest. Students will conduct research around their project and document all work through a project journal, complete a career comparison including a job shadow, and make a formal project final presentation. An advisory committee will provide expertise and feedback to the students during the project. Goal setting, time management, and independent learning are skills developed in this course. This class will be instrumental in helping students make future career and educational decisions.

This course aligns with the Colorado Community College course SolidWorks Basics (CAD 260). Students will earn high school credit while at the same time enroll in and earn 6 community college credits. Credit through the University of Colorado is available (fee required).

Students enrolled in CE Senior Projects are encouraged to participate in the Technology Student Association (TSA)* student organization.

TECHNOLOGY EDUCATION 1

Prerequisite: None
Credit: 1/2 credit
Grade: 9-12
Fees: \$20 for materials
Course Length: Sem.

Technology Education 1 is an introductory class designed to expose students to a variety of technologies, related careers, and technical applications through hands on activities. Students will develop skills in understanding the engineering world by applying math, science and technology concepts. Industry standard software such as SolidWorks and Google Sketchup will be used to design and develop projects that will be created in the Manufacturing Lab. Projects will include a Wall Clock, Rocket and an Architectural design. There will be a \$20.00 fee to help cover the cost of these take home projects.

Students enrolled in Technology Education 1 are encouraged to participate in the Technology Student Association (TSA)* student organization.

TECHNOLOGY EDUCATION 2

Prerequisite: Technology Education 1
Credit: 1/2 credit
Grade: 10-12
Fees: \$20 for materials
Course Length: Sem.

Technology Education 2 is a continuation from Technology Education 1 and is designed to expand on the engineering design process the students previously developed. Students will continue to expand their understanding of the engineered world around them by applying math, science, and technology concepts. The students will apply the design process of design, build and test to several projects throughout the semester. Projects include trebuchets, card board boats, and Rube Goldberg type projects. Projects change each semester. A student fee of \$20 will help offset the cost of materials for the projects.

Students enrolled in Technology Education 2 are encouraged to participate in the Technology Student Association (TSA)* student organization.

TECHNOLOGY EDUCATION 3

Prerequisite: Technology Education 1

Credit: 1/2 credit

Course Length: Sem.

Grade: 10-12 **Fees:** \$20 for materials

Technology Education 3 is a continuation from Technology Education 1 and is designed to expand on the engineering design process the students previously developed. Students will continue to expand their understanding of the engineered world around them by applying science, technology, engineering and math (STEM) concepts. In the course students will use SolidWorks to design projects and then develop Computer Integrated Manufacturing and CNC Machining skills using the CNC mill, CNC router, and the laser engraver. A student fee of \$20 will help offset the cost of materials.

Students enrolled in Technology Education 3 are encouraged to participate in the Technology Student Association (TSA)* student organization.

CE ROBOTIC TECHNOLOGIES ELT 268



Concurrent Enrollment

Prerequisite: Technology Education 1 and teacher recommendation

Credit: 1/2 credit

Course Length: Sem.

Grade: 10-12 **Fees:** \$20 for materials

Students will expand their understanding of robotic design, automation technologies, and programming techniques using VEX robots. Topics include building, programming, troubleshooting, and maintenance of robotic systems. This class incorporates a survey of automation topics including history, computer and hardwired controls, sensors, motors, and actuators. Students will work through a series of simulations and experience challenges based upon state and nationally recognized competitions. Students will continue to expand their understanding of the engineered world around them by applying science, technology, engineering and math (STEM) concepts). A student fee of \$20 will help offset the cost of materials.

This course aligns with the Colorado Community College course Robotics Technologies (ELT 268). Students will earn high school credit while at the same time enroll in and earn 3 community college credits.

Students enrolled in CE Robotic are encouraged to participate in the Technology Student Association (TSA)* student organization and VEX Robotics team.

TECHNOLOGY RESEARCH

Prerequisite: Technology Education Courses 1-4

Credit: 1 credit

Course Length: Year.

Grade: 11-12 **Fees:** \$10 for materials

The **Technology Education Research** course allows students to continue their study of applied technologies, related careers and technical applications. Students will work with the teacher to design an independent and advanced research project in which they have developed a strong interest. This class will be instrumental in helping students make future career and educational decisions.

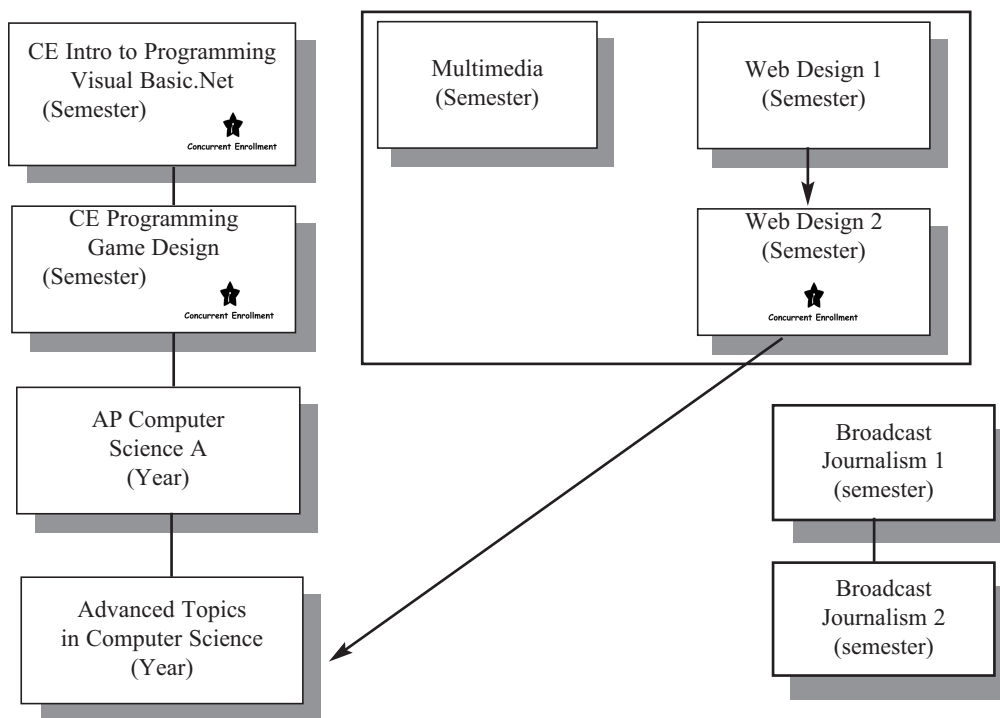
Technology Research students are encouraged to participate in the Technology Student Association (TSA)* student organization.

*Technology Student Association (TSA) is a club that lets students express themselves through technology. This club gives them the opportunity to be creative as well as find other students with the same interests. At the state and national competitions students compete in events against other students from Colorado and from across the nation.

COMPUTER SCIENCE

Computer Science classes offer a wide selection of practical courses for students of all ability levels and interests. Course offerings allow students to explore a variety of topics in computer science and technology including multimedia, the Internet, computer graphics, and computer programming. Students successfully completing Advanced Placement Computer Science may receive college credit. Students needing an introductory level computer class should take Keyboarding/Word Processing offered in the Business Department. Computer Science courses may be taken to meet the 1 1/2 credits required in Technology Education, Arts, and Vocational Education.

COMPUTER SCIENCE FLOW CHART



CE MULTIMEDIA APPLICATIONS



Prerequisite: None

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

This course aligns with the Colorado Community College course **Multimedia (MGD 111)**. Students will earn high school credit while at the same time enroll in and earn 3 community college credit with the opportunity of transferring credit to a four-year university. Students will create professional multimedia presentations that incorporate text, graphics, video, and sound. Students will have the opportunity to apply these skills while using state-of-the-art advanced hardware and professional software. Students are encouraged to participate in the Technology Student Association (TSA)* student organization.

WEB DESIGN 1

Prerequisite: None

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

Students will be introduced to html code and use it to build basic web page and/or sites. Students will also be introduced to HTML editors and coding, elements of design, CSS style sheets, and graphics editors using the latest software. Elements built using these tools will be incorporated to create powerful web pages and/or sites. Students will learn ethical responsibilities, searching and information retrieval and the importance of verifying the validity of information posted on the web. Students are encouraged to join Future Business Leaders of America (FBLA) as leadership activities provide opportunities to make connections between the school, community and the business world. Emphasis is placed on service to others, social and competitive events. Students are encouraged to participate in the Technology Student Association (TSA)* student organization.

CE WEB DESIGN 2



Prerequisite: Web Design 1

Credit: 1/2 credit

Grade: 10-12

Course Length: Sem.

Fees: None

This course aligns with the Colorado Community College course **Web Design 2 (MGD 141)**. Students will earn high school credit while at the same time enroll in and earn 3 community college credit with the opportunity of transferring credit to a four-year university. Students will continue their study of the Web and the current developments in that area of technology. Students will expand their knowledge of Web design using state-of-the-art hardware and software to incorporate video, sounds, CGI, applets, and other Web developments in their sites. Students will learn to use cascading style sheets (CSS) to provide different looks for a website quickly and effectively. Students will learn to use CSS for page layout as required by the World Wide Web Consortium (W3C) standards. Students are encouraged to join Future Business Leaders of America (FBLA) as leadership activities provide opportunities to make connections between the school, community and the business world. Emphasis is placed on service to others, social and competitive events. Students are encouraged to participate in the Technology Student Association (TSA)* student organization.

INTRODUCTION TO PROGRAMMING

Visual Basic.Net



Concurrent Enrollment

Prerequisite: Completion of or concurrently taking Algebra 1
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

This course aligns with the Colorado Community College course Introduction to Computer Programming (CSD 154). Students will earn high school credit while at the same time enroll in and earn 3 community college credit with the opportunity of transferring credit to a four-year university. This course introduces students to computer programming while providing the knowledge and skills needed to develop applications in Microsoft Visual Basic.NET for the Microsoft.NET platform. Students will learn the syntax and structure of Visual Basic as well as techniques of computer programming. The course content focuses on user interfaces, program structure, language syntax, and implementation details. This course will serve as an introduction to concepts taught in AP Computer Science.

Students are encouraged to participate in the Technology Student Association (TSA)* student organization.

PROGRAMMING 2

Game Design, Animation, and Program Development



Concurrent Enrollment

Prerequisite: Introduction to Programming 1, completion of or currently taking Algebra 1, or consent of the instructor
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

This course aligns with the Colorado Community College course Game Design and Development (CSD 126). Students will earn high school credit while at the same time enroll in and earn 3 community college credit with the opportunity of transferring credit to a four-year university. This course combines problem-solving techniques with computer game design and implementation to introduce the student to basic gaming and computer science concepts. Students design, implement, and test computer games using software that allows for basic game creation through a wide variety of game creation tools. Students will create 3D animations while learning to write programs using Java based Alice Programming. This course continues to develop concepts taught in AP Computer Science.

Students are encouraged to participate in the Technology Student Association (TSA)* student organization.

ADVANCED PLACEMENT COMPUTER SCIENCE A

Prerequisite: Concurrently taking Algebra 2 or consent of the department coordinator
Credit: 1 credit
Grade: 11-12
Course Length: Year
Fees: AP Exam Fee

AP Computer Science A is a year long college level course in the study of computer programming and applications of computers to solve problems. This class will prepare students for the "A" level of the Advanced Placement Computer Science exam. Students will begin by studying the fundamentals of the Java programming language and continue through applications of arrays and matrices as data structures. An investigation of the College Board's case study is also included in the class.

Students are encouraged to participate in the Technology Student Association (TSA)* student organization.

ADVANCED TOPICS IN COMPUTER SCIENCE

Prerequisite: Must be a Junior. Must have successfully completed either Multimedia and Web Design 2 or AP Computer Science AB.

Credit: 1 credit
Grade: 11-12
Course Length: Year
Fees: None

Advanced Topics in Computer Science is a capstone class that allows students to continue their study of computer programming, multi-media, or web design. Students will work with the teacher to design an independent advanced project to continue studies of a topic which they have developed a strong interest. Students will conduct research around their project and document all work through a project journal, complete a career comparison including a job shadow, and make a formal project final presentation. An advisory committee will provide expertise and feedback to the students during their project. Goal setting, time management, and independent learning are skills developed in this course. This class will be instrumental in helping students make future career and educational decisions.

Students are encouraged to participate in the Technology Student Association (TSA)* student organization.

BROADCAST JOURNALISM & TV PRODUCTION 1

Prerequisite: Multimedia, Technical Theater, Photography, Journalism or consent of instructor
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

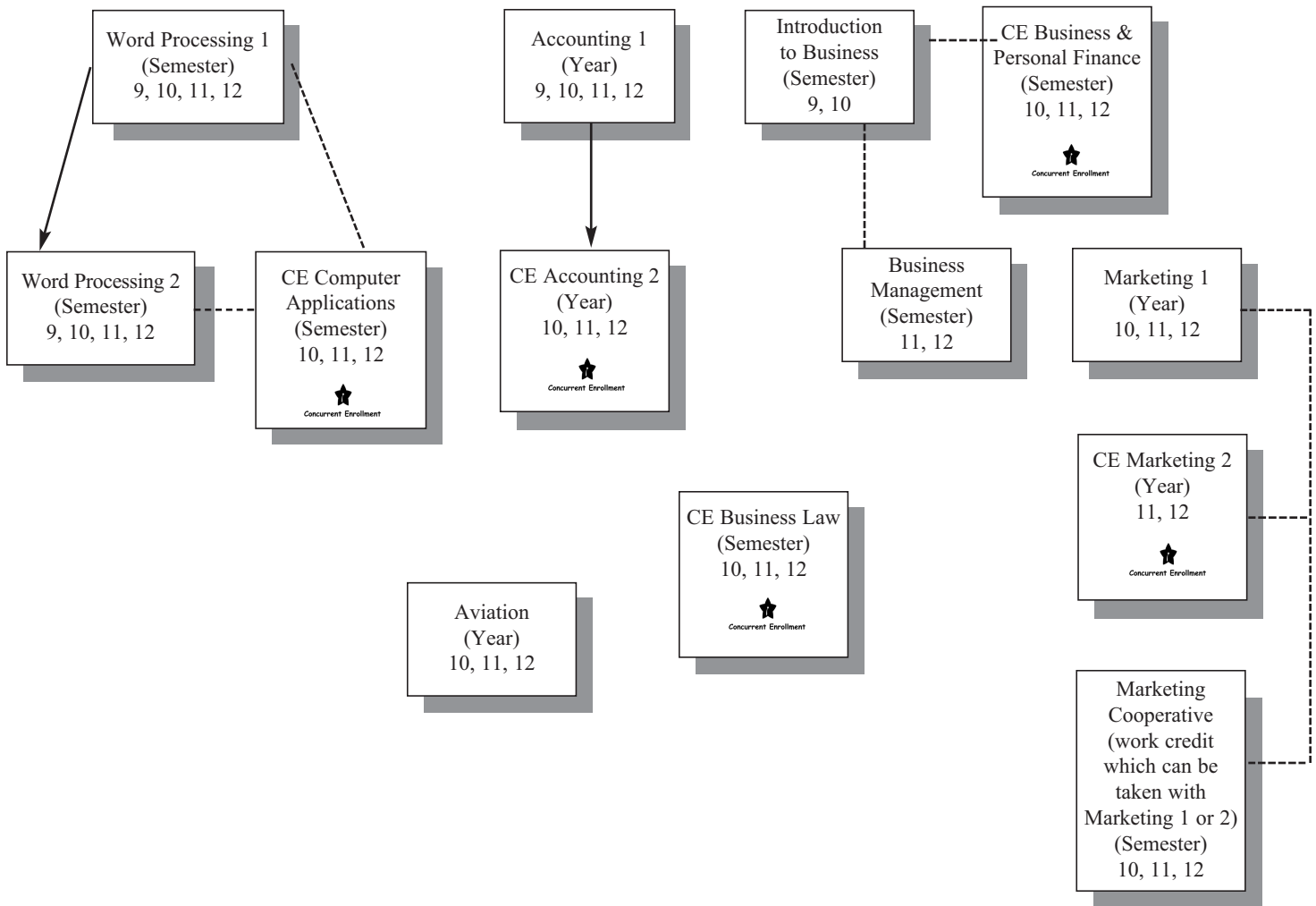
Broadcast Journalism & TV Production is a course for students ready for television broadcasting. In an exciting and productive atmosphere students learn camera techniques, audio, graphics, editing, lighting, interviewing, reporting, script writing, producing and directing. Successful completion of the course will prepare students for entry-level employment in the broadcast industry.

BROADCAST JOURNALISM & TV PRODUCTION 2 OR VIDEO VERITE

Prerequisite: Broadcast Journalism & TV Production 1 and teacher recommendation
Credit: 1/2 credit
Grade: 10-12
Course Length: Sem.
Fees: None

Advanced Video Production or Video Verité is a course for students wanting to delve more deeply into producing video. Students create videos featuring student activities and promoting school-wide events. Student practice camera techniques, audio, teleprompting, graphics, editing, lighting, interviewing, reporting, script writing, anchoring, producing and directing. Videos are screened on GHS closed circuit TV, at Theatre Showcase, and other appropriate opportunities.

BUSINESS EDUCATION OFFERINGS



Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university.

BUSINESS EDUCATION

Business Education courses are valuable for both personal use and as a foundation for students planning to major in business in college. Business Education courses may be selected to meet the *1½ Fine Arts/Technology Education/Business/Consumer & Family Studies or Vocational Education credits* or the Elective credits required for graduation.

***Students enrolled in Business courses are strongly encouraged to join the student business organization, FBLA (Future Business Leaders of America), and/or DECA (Distributive Education Clubs of America). Leadership activities provide opportunities for students to make connections among the school, community and the business world. Emphasis is based on services to others, social and competitive events.**

INTRODUCTION TO BUSINESS

Prerequisite: None
Credit: 1/2 credit
Grade: 9-10
Course Length: Sem.
Fees: None

Introduction to Business is designed to give the student a background in the fundamental principles of business – Economics, Owning and Operating a Business, and Career Development. This includes making business and career decisions, conducting business in a private enterprise system, and the students' role in today's changing business world. The students will also create a career plan to help develop strategies to make an effective transition from school to career. Students are encouraged to join FBLA (Future Business Leaders of America).

CE BUSINESS AND PERSONAL FINANCE BUS 116



Concurrent Enrollment

Prerequisite: None
Credit: 1/2 credit
Grade: 10-12
Course Length: Sem.
Fees: None

This course aligns with the Colorado Community College course Personal Finance (BUS 116). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. ***This course aligns with all Colorado Financial Literacy Standards*** and is designed to help students develop their abilities to make wise financial decisions by recognizing, understanding and comparing the alternatives facing them as individuals. Additionally, students will learn how businesses manage their finances. Topics include: decision making, earning a living, managing finances and budgeting, saving and investing, buying goods and services, banking, using credit, and protecting against risk. Business and Personal Finance course units integrate and align with Colorado Financial Literacy Standards. Students are encouraged to join FBLA (Future Business Leaders of America).

WORD PROCESSING 1

Prerequisite: None
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

Students taking Word Processing 1 will learn skills essential for efficient computer operation including touch typing, preparing reports with citations, letters and memos, tables, outlines, proofreading, applying language arts skills, organizing work and following directions. All students are strongly encouraged to take this course as proper word processing skills are essential for any college or career choice. Students are encouraged to join FBLA (Future Business Leaders of America).

WORD PROCESSING 2

Prerequisite: Word Processing 1
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

Word Processing 2 will advance the student's ability to master touch-typing and expand their knowledge of Microsoft Word. The students will continue to increase speed and accuracy as well as format tables, business reports with citations, special communications and outlines. Students are encouraged to join FBLA (Future Business Leaders of America).

CE COMPUTER APPLICATIONS CIS 118



Concurrent Enrollment

Prerequisite: None
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

This course aligns with the Colorado Community College course Introduction to PC Applications (CIS 118). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. With increased use of computers in our daily lives, it is crucial that students develop the ability to efficiently use a computer. This course provides an introduction to computer applications including, Word, Excel, Access and PowerPoint. The knowledge of these applications is vital for the student in high school, college, and in his or her career. Much of the curriculum is individualized; students must have good problem solving, organizational, and motivational skills. Students are encouraged to join FBLA (Future Business Leaders of America).

ACCOUNTING 1

Prerequisite: None
Credit: 1 credit
Grade: 10-12
Course Length: Year
Fees: None

Accounting 1 is an introductory course designed to acquaint students with the accounting cycle and an understanding of the role accounting plays in the ongoing operation of a business. During this year-long class, students will learn the fundamentals of accounting using a sole proprietorship and corporation as a basis for study. Students will develop an understanding of business activities by recording and summarizing basic accounting transactions, preparing financial statements, payroll records, income tax forms, and interpreting financial statements as part of the management decision-making process. A combination of manual and PC-based automated accounting systems will be used. This course is the first in a two-year program. Students who elect to complete the two-year program will receive community college credit. Students are encouraged to join FBLA (Future Business Leaders of America).

CE ACCOUNTING 2 ACC 121



Concurrent Enrollment

Prerequisite: Accounting 1 and Instructor Approval
Credit: 1 credit
Grade: 11-12
Course Length: Year
Fees: None*

This course aligns with the Colorado Community College course Accounting Principles I (ACC 121). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. In this course, students learn the fundamentals of accounting using sole proprietorships, partnerships, and corporations organized as service providers, merchandising, and manufacturing concerns. Students develop an understanding of business activities by recording and summarizing business transactions, preparing financial statements, payroll records, and financial analysis of business data. A combination of manual and PC-based automated accounting systems will be used. Students are encouraged to join FBLA (Future Business Leaders of America).

CE BUSINESS LAW BUS 216



Concurrent Enrollment

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2 credit	Fees:	None
Grade:	10-12		

This course aligns with the Colorado Community College course **Legal Environment of Business (BUS 216)**. Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. Business Law will address legal topics concerning business and the individual. Topics of discussion will include contracts (e.g. renting an apartment, buying a car, obtaining a credit card, laws affecting minors, fraud), negligence (e.g. slipping/falling, car accidents), intentional torts (e.g. trespassing, defamation, assault, battery, invasion of privacy), civil procedure (e.g. trial process), crimes, constitutional law and the court systems, intellectual property law, employment law, credit, and ethics/social responsibility. The course will also include guest speakers and law-related movies and/or videos illustrating the legal topics discussed in the classroom. Students are encouraged to join FBLA (Future Business Leaders of America).

BUSINESS MANAGEMENT

Prerequisite:	Introduction to Business (<i>Strongly Recommended</i>)	Course Length:	Sem.
Credit:	1/2 credit	Fees:	None
Grade:	11-12		

This course will introduce students to the concepts of entrepreneurship and business management. In Business Management students will learn the fundamentals needed to finance, manage, and operate a successful business. Topics to be covered include human resource management, production and marketing management, and financial management, types of business organizations, business ethics, and leadership styles. Upon successful completion of the class, students will have a solid understanding of what it takes to own and operate their own business. Students are encouraged to join FBLA (Future Business Leaders of America).

MARKETING 1

Prerequisite:	None	Course Length:	Year
Credit:	1 credit	Fees:	\$20
Grade:	10-12		DECA Dues

Marketing 1 is a full-year course designed for the student who wants to explore marketing, sales and the business world. Units of study include advertising, sales, promotion, product planning, pricing, economics, distribution, computer simulations and professional human relation skills.

According to the Princeton Review, the #1 college major in the United States is Business. Marketing 1 exposes students to the exciting and dynamic world of marketing and business. Marketing 1 is a prerequisite for Marketing 2 which simultaneously offers high school and college credit.

Only students enrolled in Marketing classes can participate in DECA, a co-curricular chapter. DECA (An Association of Marketing Students) allows members' opportunities to develop leadership skills, participate in community service projects, and enjoy social activities. Students will also be eligible to travel and compete in marketing competitions, both locally and nationally. A chapter membership fee is involved.

CE MARKETING 2 MAR 216



Concurrent Enrollment

Prerequisite:	Marketing 1 and instructor's consent	Course Length:	Year
Credit:	1 credit	Fees:	\$20
Grade:	11-12		DECA Dues

This course aligns with the Colorado Community College course **Principles of Marketing (MAR 216)**. Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. Marketing 2 is a full-year course expanding on Marketing I curriculum for the serious student contemplating a business career. Content topics include an analysis of the theoretical marketing processes and the strategies of product development, pricing, promotion, distribution, people, processes, packaging and physical environment. This course sequence is designed to allow students to develop a working knowledge of marketing terms, marketing strategies, marketing research and buying behavior. The marketing mix will be analyzed and applied to exciting real world projects. Some other units of study are selling, merchandising, management and computer simulations.

In addition, Marketing 2/DECA students will develop leadership skills through planning and implementing community service and social activities. Students will also be eligible to travel and compete in marketing competitions, both locally and nationally. Membership and involvement in DECA (An Association of Marketing Students) is an integral part of the marketing program and fees are involved.

MARKETING-COOPERATIVE

Prerequisite:	Concurrent enrollment in Marketing 1 or Marketing 2 and instructor approval	Course Length:	Year
Credit:	1-2 credits*	Fees:	
Grade:	10-12		

This course is an opportunity that is available to students enrolled in Marketing. Students will be required to have a marketing related job if enrolled in Marketing Cooperative. Students may work in the DECA school store with the instructor's approval to fulfill this requirement.

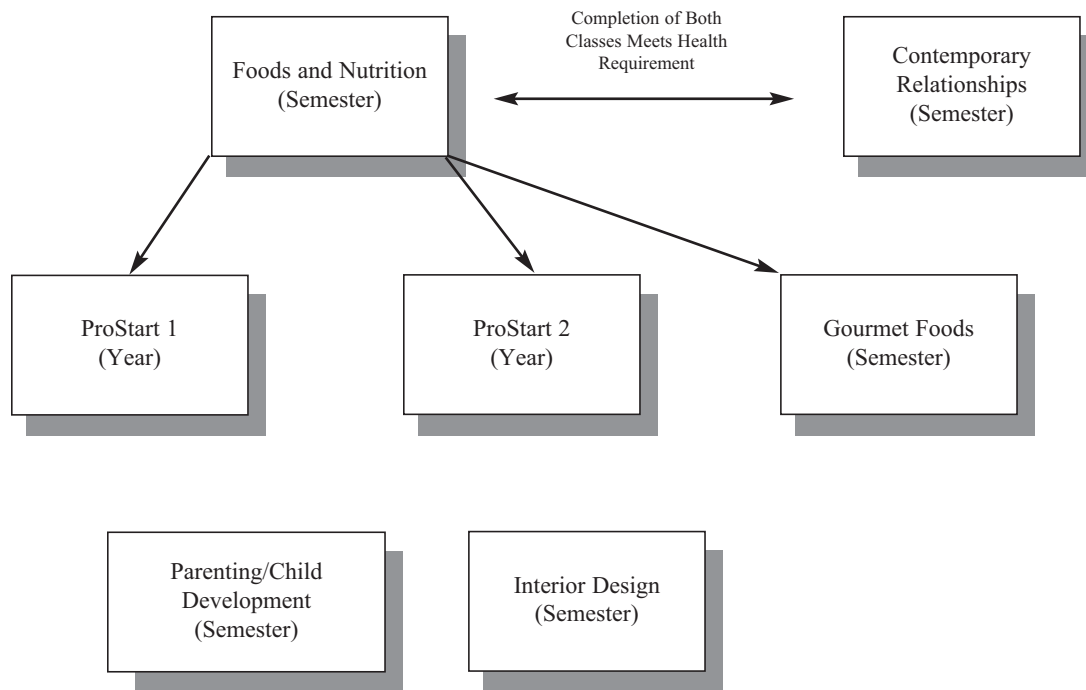
*A minimum of ten work hours per week will earn two elective credits per semester. Students may earn 1 credit per semester if they maintain five work hours per week. (Only with approval of the instructor).

AVIATION

Prerequisite:	None	Course Length:	Year
Credit:	1 credit	Fees:	None
Grade:	10-12		

A career in aviation is both high paying and highly competitive. How do you get started? Start flying as soon as possible! You can solo at age 16, and earn your Private Pilot License at age 17. This course is designed to provide you with the information necessary to pass one of three criteria for a pilot's license—the FAA Knowledge Test. If you complete the course with 80% or better, you are qualified to take the FAA Knowledge Test. This will save you a minimum of \$350 in flight training costs. Topics studied include career opportunities in aviation, aerodynamics, aircraft systems, flight operations, weather for aviators, aircraft performance, and navigation. A Windows based flight simulator will be used to supplement the college level textbook.

FAMILY AND CONSUMER SCIENCES FLOW CHART



FAMILY AND CONSUMER SCIENCES

The Family and Consumer Sciences program offers a wide selection of elective, practical arts courses for students of all ability levels and interests. Areas of study include foods and nutrition, culinary arts and hospitality, human development and the family, parenting and child development, housing and interior design, consumer education and financial management, and career awareness in related occupations. Students who desire the practical application of their academic skills while working cooperatively with others on interesting, hands-on, classroom activities and projects will enjoy the challenges that lay ahead. In addition, students may satisfy the graduation requirement in the area of Health by completing both Foods and Nutrition and Contemporary Relationships and Marriage at any time during their high school career at Grandview.

FOODS AND NUTRITION**

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** \$25.00*

Emphasis will be on choices relating to nutrition, healthy eating habits, food preparation, weight management, personal fitness, safety and sanitation and related diseases. Learn basic skills as well as the chemistry and physics of baking and cooking as you learn about nutrition throughout the cooking laboratory experiences. As part of a group, you will plan, prepare and evaluate nutritious meals. Students will look at healthy life styles through individual diet analysis. Completion of both the Foods and Nutrition class and Contemporary Relationships class meets the district Health requirement. Student are encouraged to participate in FCCLA, which includes leadership opportunities, community service, and/or competitions related to the class.

*Fees are used to provide groceries used in food preparation.

CONTEMPORARY RELATIONSHIPS

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.

Topics include adolescent relationships with parents, friends and self; dating; communication skills; conflict resolution; human sexuality and abstinence; teen pregnancy (including a pregnancy simulation activity); mate selection; impact of substance abuse on relationships; domestic violence and family/social issues. *By completing both Relationships and Foods & Nutrition, a student will fulfill the district health requirements. Students are encouraged to participate in FCCLA, which includes leadership opportunities and community service related to the class content.

GOURMET FOODS

Prerequisite: Successful Completion of Foods and Nutrition
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** \$25.00

With an emphasis on presentation, flavors, cooking skills and time management students will learn from both text and lab components the art of preparing high-end foods. Topics include food safety, soups, desserts and world cuisines. Students are encouraged to participate in FCCLA, which includes leadership opportunities and community service related to the class content.

*Fees are used to provide groceries used in food preparation.

INTERIOR DESIGN

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** None

Decorating your own home, apartment, or room can be a challenge if you aren't aware of the basic principles to follow. Learn more about these design principles and how to use color, texture, line, pattern and form to create your own custom environments. Whether you desire a career in the field of Interior Design or Architecture, or merely wish to become a better consumer and home decorator, this course is for you!

PARENTING/CHILD DEVELOPMENT

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** None

This course is designed for male and female students interested in child development and/or careers related to pediatrics, psychology, social services, education, and parenting. Students will learn about the physical, emotional, social and cognitive development of children from conception through adolescence. Special units of study include reproduction, prenatal development, birth defects, birth and infant care, toddler, preschool and school age care, nutrition, literacy and child abuse. Other units include expectations and financial responsibilities of parenthood. This class will give students an opportunity to experience a weekend long parenting simulation with an electronic simulator baby. Students are encouraged to participate in FCCLA, which includes leaderships and community service opportunities. This is an important course for anyone who will ever have children in their life!

Colorado ProStart is sponsored by the National and Colorado Restaurant Associations. It is a two-year foodservice hospitality management curriculum offered to junior and senior students. This nationally certified program is a competency based study of food preparation, lodging, customer service, and business management coupled with 1+ years of mentored industry work internships in a broad spectrum of operations.

ProStart 1 and **ProStart 2** are offered every year. Students may enter the program as a junior by starting either in ProStart 1 or ProStart 2. ProStart 1 is not necessarily a prerequisite for ProStart 2. Students who enroll are required to be dues paying members of the Grandview Chapter of the state and national student organization known as FCCLA (Family, Career and Community Leaders of America). Successful participants in the program will have the opportunity to compete in the ProStart Invitational Competitions and the FCCLA State Leadership Conference and apply for the many industry scholarships.

ProStart 1 CULINARY CAREERS

Prerequisite: Successful Completion of Foods and Nutrition or instructor approval
Credit: 1 credit
Grade: 11-12
Course length: Year
Fees: \$25.00/semester
FCCLA dues \$22.00/year

*Fees are used to provide groceries used in food preparation.

This course from the National Restaurant Association introduces students into the world of **professional** cooking! Basic communication skills, safety and sanitation, food preparation, meal planning, and other topics are taught in this course. FCCLA is an integral part of this course.

ProStart 2 HOSPITALITY CAREERS

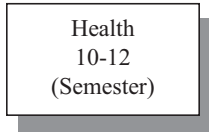
Prerequisite: Successful Completion of Foods and Nutrition or instructor approval
Credit: 1 credit
Grade: 11-12
Course length: Year
Fees: \$25.00/semester
FCCLA dues \$22.00/year

*Fees are used to provide groceries used in food preparation.

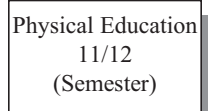
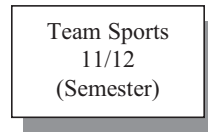
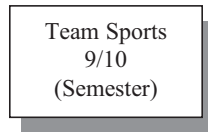
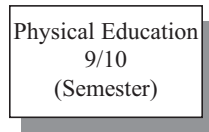
Students will continue to be trained for employment in restaurants and hospitality. The basic skills taught in ProStart I will be reviewed and additional skills such as customer relations, accounting procedures, and more advanced food preparation skills will be taught. FCCLA is an integral part of this course.

HEALTH AND PHYSICAL EDUCATION FLOW CHART

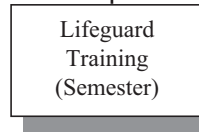
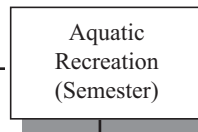
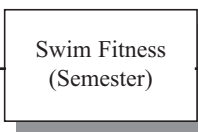
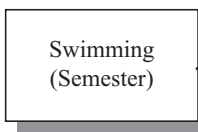
HEALTH



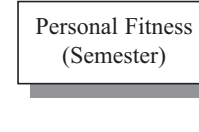
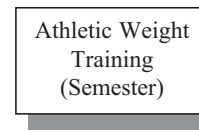
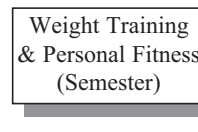
SPORTS/ACTIVITIES



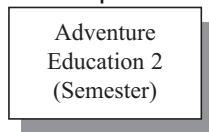
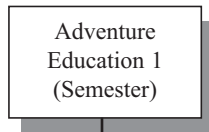
SWIMMING



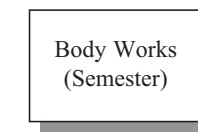
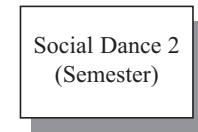
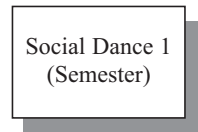
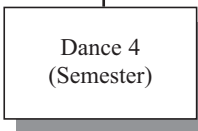
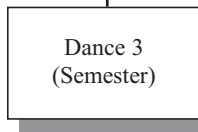
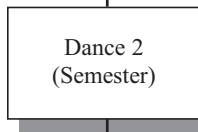
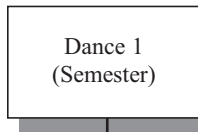
WEIGHT TRAINING/CONDITIONING



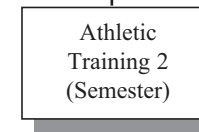
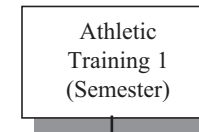
ADVENTURE EDUCATION



DANCE



SPORTS MEDICINE



HEALTH AND PHYSICAL EDUCATION

A healthy body promotes a healthy mind. At Grandview High School, we believe in preparing our students to lead a healthy lifestyle, both mentally and physically. Our physical education curriculum emphasizes fitness and how to achieve physical wellness in many ways. Students have a range of activities from which to choose. They are required to take three semesters (1 1/2 credits) of physical education and one semester (1/2 credit) of health education. They may fulfill the physical education requirement with the classes of their choice. The only limitation is that a student cannot repeat the same course for an additional 1/2 credit. Limit of two physical education classes per semester. All students are required to dress out in proper physical education attire. All classes will administer fitness assessments.

HEALTH

Prerequisite: None
Credit: 1/2 credit
Grade: 10-12
Course Length: Sem.
Fees: None

This course focuses on the mental, physical, social, and emotional well-being of the students. Students will have the opportunity to learn about and discuss many life issues. Some of these include stress management, nutrition and fitness, cardiovascular disease and cancer, mental and emotional disorders, human relationships, substance abuse, violence, and emergency care. In this course, students are urged to be responsible for their own lives and personal wellness. The focus of our program is to promote health in a constantly changing world through the acquisition of attitudes, skills, and understanding. We believe in and advocate abstinence from chemicals, sexual activity and other health compromising behaviors that teens may encounter. This course fulfills the district health education proficiency requirement.

HEALTH - ONLINE

Prerequisite: Counselor Signature
Credit: 1/2 credit
Grade: 10-12
Course Length: 1 semester
(Fulfills District Health Requirement)

Health focuses on issues and components of personal health as they apply to mental, physical, emotional, and social well-being. Topics include stress management, self-destructive behaviors, sexuality, substance abuse, nutrition, fitness, diseases and others.

PERSONAL FITNESS

Prerequisite: None
Credit: 1/2 credit
Grade: 9-12
Course Length: Sem.
Fees: None

This class provides students with information as well as practical experience through total body aerobic conditioning. Students will participate in daily conditioning routines including low impact aerobics, cardiovascular interval training, core stabilization exercises, walking, and body toning through weight training, water aerobics and other activities to be determined by the instructor.

PERSONAL FITNESS 1 – ONLINE

Prerequisite: Counselor Signature and parent permission form
Credit: 1/2 unit (PE)
Grade: 9-12
Course Length: Sem.

Students in Personal Fitness will learn about the components of fitness and wellness in order to establish a personal fitness plan that will be implemented throughout the semester. Although this is an online class, the course standards do require students to participate in weekly cardiovascular, flexibility, strength, and endurance exercise. Students will be issued heart rate monitors to measure their progress and must exercise for 150 minutes per week in their target heart rate zone (143-173 beats per minute) in addition to written work and other exercise. Students will also be required to attend four fitness-testing sessions throughout the semester (dates will be announced before the semester begins).

PERSONAL FITNESS II - ONLINE

Prerequisite: Counselor Signature and parent permission form
Credit: 1/2 credit (PE)
Grade: 9-12
Course Length: Sem

Students in Personal Fitness II continue to work their fitness goals and plans developed in Personal Fitness I. Students will be required to participate in weekly cardiovascular, flexibility, strength, and endurance exercise. Students will be issued a heart rate monitor to measure their progress and must exercise for 180 minutes per week in their target heart rate zone (143-173 beats per minute) in addition to other exercise. Students will also be required to attend four fitness-testing sessions throughout the semester (dates will be announced before the semester begins).

PHYSICAL EDUCATION 9/10

Prerequisite: None
Credit: 1/2 credit
Grade: 9-10
Course Length: Sem.
Fees: None

This course involves students in a variety of activities to prepare them for lifelong recreation. The daily routine will include a component of fitness followed by an activity such as badminton, tennis, pickleball, ultimate frisbee, and others to be chosen by the instructor. During each unit, students will learn the skills, strategies, and rules of the activity while getting hands-on experience.

PHYSICAL EDUCATION 11/12

Prerequisite: None
Credit: 1/2 credit
Grade: 11-12
Course Length: Sem.
Fees: \$4.00

This course involves students in a variety of activities to prepare them for lifelong recreation. The daily routine will include a component of fitness followed by an activity such as badminton, golf, tennis, pickleball, ultimate frisbee, and others to be chosen by the instructor. During each unit, students will learn the skills, strategies, and rules of the activity while getting hands-on experience.

TEAM SPORTS 9/10

Prerequisite: None
Credit: 1/2 credit
Grade: 9-10
Course Length: Sem.
Fees: None

This class offers a variety of competitive and recreational activities involving team play. Students will learn skills, strategies, and rules of the activities and, at the same time, work on their interpersonal relationships in a cooperative environment. The daily routine will include a component of fitness followed by a team activity such as volleyball, basketball, flag football, soccer, team handball, speedball, ultimate frisbee, softball, floor hockey, and others at the discretion of the instructor.

TEAM SPORTS 11/12

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 11-12 **Fees:** None

This class offers a variety of competitive and recreational activities involving team play. Students will learn skills, strategies, and rules of the activities and, at the same time, work on their interpersonal relationships in a cooperative environment. The daily routine will include a component of fitness followed by a team activity such as volleyball, basketball, flag football, soccer, team handball, speedball, ultimate frisbee, softball, floor hockey, and others at the discretion of the instructor.

WEIGHT TRAINING & PERSONAL FITNESS

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** None

This introductory course is designed to teach basic weight lifting techniques. Students will be exposed to programs in muscle toning and shaping, body building, power and strength training, muscle gain, and fat loss. Students will eventually develop their own weight programs based on personal fitness goals. Students will also learn about basic nutrition, anatomy and physiology. Cardiovascular plyometrics and medicine ball workouts included.

ATHLETIC WEIGHT TRAINING

Prerequisite: Weight Training 1 and teacher/coach signature
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** None

This class is designed for current GHS athletes to enhance overall athleticism and athletic performance. This is an advanced course and will provide the student with an intensive workout designed to teach methods and sport-specific lifts to increase speed, power, strength, and explosion. Emphasis on Olympic lifts, plyometrics, core stabilization exercises, and medicine balls will be involved. Flexibility, nutrition, and muscle awareness will be incorporated. Aerobic and anaerobic games will also be incorporated.

ATHLETIC TRAINING 1 - BASIC LIFE SUPPORT, CPR, AED, AND FIRST AID CERTIFICATION

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** \$35.00

This course will help students understand the importance of prevention, care, and rehabilitation of sports injuries. Students will demonstrate the proper techniques of taping, wrapping, bandaging, and handling emergency care situations. Students will receive instruction to become certified in standard First Aid and CPR through the National Safety Council. The fee will be necessary to purchase a student text and provide equipment for use while performing CPR skills testing.

ATHLETIC TRAINING 2 - ADVANCED SPORTS MEDICINE

Prerequisite: Athletic Training 1/Teacher Signature
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** Not Required
Optional \$50.00 for Text

This course is for students who are interested in a career in medicine as a certified athletic trainer, paramedic, nurse, or physician. Athletic Training 2 is an advanced class dealing with the evaluation, treatment, and rehabilitation of sports injuries. Students will learn basic anatomy and physiology, and apply this toward athletic injuries.

ADVENTURE EDUCATION 1 - TEAM AND INDOOR ROCK CLIMBING

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** Approx. \$20.00

The students enrolled in Adventure Education will progress through an experientially-based program which emphasizes interpersonal relationships and individual growth. This course uses games, challenges, and group initiatives to develop cooperation, communication, critical thinking skills, trust, safety and enjoyment. It encourages students to develop greater self confidence and at the same time acquire a sense of trust in their classmates. Students will be required to demonstrate the appropriate skills and safety techniques involved in high risk activities before they will be allowed to participate and complete these tasks. The fee will be necessary to use facilities and equipment on the indoor rock climbing and bouldering wall.

INSURANCE WAIVERS FOR THE GRANDVIEW HIGH SCHOOL ADVENTURE CLASSES ARE REQUIRED FOR THIS COURSE.

ADVENTURE EDUCATION 2 - ROCK CLIMBING CHALLENGE/ROPES COURSE

AND KAYAKING

Prerequisite: Adventure Education 1/Teacher Signature
Credit: 1/2 credit **Course Length:** Sem.
Grade: 10-12 **Fees:** Approx. \$75.00

This course will provide an opportunity for advanced adventure students to develop leadership and facilitation skills through adventure activities. Students will demonstrate their knowledge and skills on held trips to outdoor rock climbing, backpacking, and a day on the high challenge ropes course. The fee will be necessary to participate in activities outside of our building, such as High Elements on Cherry Creek Ropes Course and Rock Climbing at Castlewood Canyon.

INSURANCE WAIVERS FOR THE GRANDVIEW HIGH SCHOOL ADVENTURE CLASSES ARE REQUIRED FOR THIS COURSE.

SWIMMING

Prerequisite: None
Credit: 1/2 credit **Course Length:** Sem.
Grade: 9-12 **Fees:** None

This course is designed for the beginning and intermediate swimmer. Students will learn all of the basic strokes and safety procedures. As their skills progress, they will participate in lap swimming, water activities, basic diving, and pursue individual fitness.

SWIM FITNESS

Prerequisite: Intermediate Swimmer

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

This course is designed for the intermediate to advanced swimmer who already has experience with most competitive swimming strokes. Students will participate in water activities such as lap swimming, water aerobics, and other training methods. Students will learn how to apply their skills toward setting and achieving personal fitness goals.

AQUATIC RECREATION

Prerequisite: None

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

This class will begin with a basic refresher course in fundamental swimming techniques and some experience with diving techniques. This class will then progress toward a wide variety of water activities including snorkeling, water polo, water basketball, water volleyball, aquatic fitness, and other related learning designed to promote fun and safety in and around the water.

LIFEGUARD TRAINING

Prerequisite: Advanced swimming skills, 15 years old

Credit: 1/2 credit

Grade: 10-12

Course Length: Sem.

Fees: \$70.00

This course is designed by the American Red Cross to prepare students to work as lifeguards. Students will learn rescue techniques, CPR, and first aid. Students will be certified through classroom instruction and practical water skill training. The fee will cover the cost of a pocket mask, textbook, and certification provided by the American Red Cross. To be eligible for the Lifeguarding course, the participant must be 15 years of age. The participant must successfully complete the following: 1. Swim 300 yards continuously, using these strokes in the following order; 100 yards of the front crawl using rhythmic breathing. 2. 100 yards of breaststroke using a pull, breath, kick, and glide sequence. 3. 100 yards of either the front crawl or breaststroke. The participant must also perform the following: starting in the water, swim 20 yards using front crawl or breaststroke, surface dive 7-10 feet, retrieve a 10-pound object, return to the surface, swim 20 yards back to the starting point with the object and exit the water without using a ladder or steps, within 1 minute and 40 seconds.

DANCE 1

Prerequisite: None

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

This course is designed for the beginning dance student. Students will have the opportunity to experience a variety of styles of dance which have taken place throughout history. Students will learn basic dance techniques and terminology and participate in physical conditioning for dance activities.

DANCE 2

Prerequisite: Dancing 1 or equivalent experience

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

The course provides the opportunity for dance students to enhance their knowledge and skill at a more demanding and sophisticated level. Students will learn more challenging dance techniques and will choreograph their own dances.

DANCE 3

Prerequisite: Dancing 1, 2, Teacher approval

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

This course is for dancers who have completed Dance 1 and Dance 2, and have the skills to continue onto a level 3. This course will include knowledge in performing skills, production techniques, and advanced combinations. This class will help prepare students for auditions and university dance classes.

DANCE 4

Prerequisite: Dance 2, 3, and Teacher approval

Credit: 1/2 credit

Grade: 11-12

Course Length: Sem.

Fees: None

This course is for the advanced dancer who likes to choreograph and perform. Teacher permission is a requirement to enter this class. This class offers advanced conditioning, techniques and dance combinations. Students will receive hands on training in the areas of choreography, production, and performance.

SOCIAL DANCE 1

Prerequisite: None

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

Social Dance is a lifetime sport and an exciting new class at GHS. Students will learn partnered dances from many different cultures and traditions, including Swing Dance, Salsa, Merengue, Tango, Contra and Traditional Ballroom styles. We will follow the social dance tradition of boys learning the lead (role) and girls learning the follow. Efforts will be made to have gender balance for this class. Performing Arts credit may be earned through this course.

SOCIAL DANCE 2

Prerequisite: Social Dance 1

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

This class is a continuation of Social Dance 1. It includes more advanced techniques and dances that have taken place throughout history. Performing Arts credit may be earned through this course.

BODY WORKS

Prerequisite: None

Credit: 1/2 credit

Grade: 9-12

Course Length: Sem.

Fees: None

This is an upbeat dance class that teaches the foundations of Hip Hop culture. This course provides the opportunity to learn the techniques of locking, popping, house, and b-boy. Students will learn conditioning, foundation, history, conditioning and choreography as well as freestyle skills.

STUDENT ACHIEVEMENT SERVICES FLOW CHART

ENGLISH	MATHEMATICS	SOCIAL STUDIES	SCIENCE
Practical English 1-4	Practical Math	Practical Social Studies	Practical Science
Communications Foundations	Foundations of Math	Foundations of Geography/Government	Practical Health
Reading Essentials	Pre-Algebra (Teamed)	Government/Geography (Teamed)	Essentials of Physical Science (Teamed)
Elements of English	Algebra 1	American Experience	Essentials of Biology (Teamed)
English 9 (Teamed)		US History (Teamed)	
English 10 (Teamed)		Elements of American Government	
		Elements of US History	
		Senior Transitions	

STUDENT ACHIEVEMENT SERVICES

The Student Achievement Services Department, in response to a variety of educational and emotional needs, offers a broad range of courses and services. Always striving to facilitate student success in the “least restrictive environment,” the Grandview Student Achievement Services Department offers opportunities for students that range from self-contained programs, teamed courses, to consult support.

A number of core academic courses are offered on a team-taught basis. These classes offer the direct support of a Student Achievement instructor in the class on a daily basis.

COMMUNICATIONS FOUNDATIONS

Prerequisite: Signature Required
Credit: .5 per semester
Grade: 9-12
Course Length: Year
Fees: None

This class helps students who are significantly delayed in reading and writing skills. This class focuses on skill development in the following areas: phonology, vocabulary and morphology, grammar, decoding, encoding, and comprehension.

READING ESSENTIALS

Prerequisite: Teacher Recommendation
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

This class is designed for students who are well below grade level in reading and writing. Phonology and multisensory strategies for decoding will be taught, as well as strategies for reading comprehension.

AMERICAN EXPERIENCE

Prerequisite: Teacher Recommendation
Credit: 1 credit
Grade: 11
Course Length: Year
Fees: None

This course is designed for the student with limited reading and writing skills. It meets the graduation requirement for US History.

FOUNDATIONS OF GEOGRAPHY

Prerequisite: Teacher Recommendation
Credit: 1/2 credit
Grade: 9
Course Length: Sem.
Fees: None

For students whose reading and writing abilities are limited, this course provides a very basic examination of the different countries of the world and their history. Physical and human geography will be studied.

FOUNDATIONS OF AMERICAN GOVERNMENT

Prerequisite: Teacher Recommendation
Credit: 1/2 credit
Grade: 10-11
Course Length: Sem.
Fees: None

In this course students will learn the foundations of government as well as gain knowledge and skills necessary to become contributing members of a democracy. Students with limited reading and writing abilities will benefit from this class. This course will meet Colorado graduation requirements.

SENIOR TRANSITIONS

Prerequisite: Staffed Into Special Education, Teacher Recommendation
Credit: 1/2 credit
Grade: 10-12
Course Length: Sem.
Fees: None

Students explore post-secondary goals including vocations, resumes, and career interests.

FOUNDATIONS OF MATH

Prerequisite: Teacher Recommendation
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

Foundations of Math 1 is recommended for students who are in need of significant review of basic mathematic concepts. Students will learn basic arithmetic processes and problem-solving techniques will be reviewed in depth.

FOUNDATIONS OF PRE-ALGEBRA

Prerequisite: Teacher Recommendation
Credit: 1 credit
Grade: 9-12
Course Length: Year
Fees: None

This class utilizes an interactive, hands-on approach for students to master basic Algebra concepts.

PRACTICAL (English, Math, Social Studies, Science, and Health)

Prerequisite: Staffed Into Special Education, Teacher Recommendation
Credit: Varies depending on Course Work
Course Length: Varies depending on student need
Grade: 9-12
Fees: None

Developmentally disabled students with severe to profound mental handicapping conditions are served in a self-contained program called Life Skills. The focus for the Life Skills Program is to develop, within each student, skills that lead to smooth and effective transition into appropriate post-high school settings.

ELEMENTS OF (English, American Government, and US History)

Prerequisite: Staffed Into Special Education, Teacher Recommendation
Credit: Varies depending on Course Work
Course Length: Varies depending on student need
Grade: 9-10
Fees: None

This on-campus, program is designed for freshmen and sophomores who have emotional and/or learning needs so severe that a comprehensive self-contained program is necessary for student success. Instruction is provided in language arts, social studies, mathematics, science and affective skills.

RANCH

Prerequisite: Staffed Into Special Education, Teacher Recommendation
Credit: Varies depending on Course Work
Course Length: Varies depending on student need
Grade: 11-12
Fees: None

Housed off-campus this program is designed for juniors and seniors who have emotional and/or learning needs so severe that a comprehensive self-contained program is necessary for student success. Within a structured and supportive educational framework that emphasizes alternative approaches to learning, students will work towards completing all graduation requirements. Transition and emancipation issues will also be a focus for RANCH students.

TEACHER ASSISTANT

Prerequisite:	Teacher Approved	Course Length:	Sem.
Credit:	1/4 credit	Fees:	None
Grade:	9-12		

Students wishing to work as a teacher assistant may do so in addition to their normal load of courses. Permission and approval as a teacher assistant begins in the Counseling Office where interested students can pick up an "Assist Permission Slip" which must be filled out by the sponsoring teacher and then returned to the Counseling Office.

GRO (GRANDVIEW RESOURCE OPPORTUNITY)

Prerequisite:	Counselor, Dean, or Teacher Recommendation	Credit:	.5 credit
Grade Level:	9, 10	Course Length:	Sem.
Fees:	None		

GRO is a one semester class for freshmen and sophomores (*as part of Grandview's Pyramid of Interventions*) designed to provide student support in three areas: **Academic Tutorials** (students provided with time and assistance to complete homework assignments and study for tests), **Study Skills** (students learn important skills to improve academic success such as organizational tips, note-taking, and test-taking strategies), and **Affective Support** (students work with grade-level counselors to set goals and learn skills to help them achieve success both in and out of the classroom). *Students do not sign up for GRO during registration.*

GAP (GRANDVIEW ACADEMY PROGRAM)

Prerequisite:	Counselor and Dean, Recommendation	Credit:	Determined by Performance
Grade Level:	9-12	Course Length:	Sem.
Fees:	None		

Students enrolled in GAP have the opportunity to recover credits towards graduation that they have previously failed in the general education setting. This self-paced program uses the *eXtralearning* software produced by Remediation and Training Institute (RTI). Credits are available in core classes and do not replace previously earned grades. This is a pass/fail program; however, students must meet minimum performance requirements per semester to remain in the program.

AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

Prerequisite:	By application and interview only. AVID is a four year program.		
Credit:	1 credit	Course Length:	Year
Grade:	9-12	Fees:	None

Advancement Via Individual Determination (AVID) is an elective class designed to support students in their future academic pursuits. This program is provided for students who are normally under-represented in enrollment in Colleges and Universities. This four year program focuses on organizational skills, study skills, test taking skills, inquiry learning, reading, writing, mathematics, speaking skills, and standardized test preparation. Tutors from local colleges and the community work in the classroom with students on a weekly basis.

SOCRATIC SEMINAR – HONORS

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2	Fees:	None
Grade:	11-12		

Required for students who wish to apply for Distinguished Scholar status, Course content is interdisciplinary and requires students to use critical thinking skills as they analyze classic philosophical works and apply principles of ethics and logic to their readings. Students work on an individual project and participate in Socratic Seminars. Due to the advanced nature of this course, grades will be weighted.

AMERICAN SIGN LANGUAGE 1

Prerequisite:	None	Course Length:	Year
Credit:	1	Fees:	None
Grade:	9-12		

Introduction to American Sign Language will introduce students to American Sign Language and Deaf Culture. Students will be exposed to American Sign Language by learning the unique aspects of the language and culture. Additionally, students will learn and use fingerspelling, basic ASL phrases and vocabulary.

AMERICAN SIGN LANGUAGE 2

Prerequisite:	Completion of ASL 1	Course Length:	Year
Credit:	1	Fees:	None
Grade:	10-12		

ASL 2 is a continuation of ASL 1. Skills will be developed having students use ASL grammar, non manual markers, facial expressions, body language and precision. Deaf culture issues will be addressed throughout the year.

SOCIAL RELATIONS

Prerequisite:	None	Course Length:	Sem.
Credit:	1/2	Fees:	None
Grade:	9-12		

Designed for students who are experiencing some social, emotional or behavioral problems, this semester-long course teaches skills for problem-solving, goal-setting, empathy, anger control, and essential character trait.

FRESHMAN SEMINAR

Prerequisite:	None	Course Length:	9 wks
Credit:	1/4	Fees:	None
Grade:	9		

Freshman Seminar is a 9 week class (1/2 semester) taken by all freshmen during the first part of their Resource Period. This course is designed to provide students with information and skills to help them make a smooth, successful transition into high school. Students will learn things such as how to effectively use a planner, the benefits of monitoring their own grades, active study and test-taking strategies, how to talk to teachers, and how to make a 4-year plan. Students will work with their teacher, an upperclassman student leader, counselors, and deans during the course. At the end of the 9 weeks, students can use this time to study, make up work due to absences and get help from their teachers. *Because all freshmen are enrolled in this course, students do not sign up for Freshman Seminar during registration.*

SOPHOMORE SEMINAR

Prerequisite:	None	Course Length:	Year
Credit:	1/4	Fees:	None
Grade:	10		

All sophomore students will be enrolled in Sophomore Seminar for the entire year. While this course will not have a regular meeting schedule, sophomores will complete requirements and milestones which will be recorded on the Naviance web site (www.connection.naviance.com/grandview). These activities are designed to help sophomores make informed academic and post graduate decisions. The curriculum and expectations will be provided to all sophomores at the beginning of the school year. They will also be available on the Naviance web site.

JUNIOR SEMINAR

Prerequisite: None

Credit: 0

Grade: 11

Course Length: Year

Fees: None

All junior students will be enrolled in Junior Seminar for the entire year. While this course will not have a regular meeting schedule, juniors will complete requirements and milestones which will be recorded on the Naviance web site (www.connection.naviance.com/grandview). These activities are designed to help juniors make informed academic and post graduate decisions. The curriculum and expectations will be provided to all juniors at the beginning of the school year. They will also be available on the Naviance web site.

SENIOR SEMINAR

Prerequisite: None

Credit: 1/4

Grade: 11

Course Length: Year

Fees: None

All seniors will be enrolled in Senior Seminar throughout their senior year. While this course will not maintain a regular meeting schedule, seniors will complete requirements and tasks which will be recorded on the Naviance web site (www.connection.naviance.com/grandview). These activities are designed to help seniors make informed academic and post graduate decisions. The curriculum and expectations will be provided to all seniors at the beginning of the school year. Tasks will also be available on the Naviance web site.

GRANDVIEW ENGLISH LANGUAGE ACQUISITION PROGRAM

Grandview High School offers a growing number of ELA specific and sheltered classes for English language learning (ELL) students regardless of their acquisition levels. The ELA classes use a set of linguistic, instructional, assessment, and classroom-management practices that allows English language learners to develop content-area knowledge, operational skills, and increased language proficiency without oversimplifying content and compromising rigorous learning.

IDENTIFICATION OF ELA STUDENTS:

Initial Identification

Every student who speaks, understands, reads, and/or writes a language other than English will be evaluated for English proficiency in each of the four linguistic domains: speaking, listening, reading, and writing upon enrollment in the Cherry Creek School District.

Later Identification

If a current student in Cherry Creek Schools is not receiving English language acquisition (ELA) support and demonstrates a need for such support due to suspected limited proficiency in one or more of the four linguistic domains, he or she may be assessed to determine whether placement into the ELA program is appropriate and would be beneficial. The request for an English language proficiency evaluation may be requested by a parent, general educator, or another school staff member who knows and works with the student. After a request has been submitted to the ELA specialist, the student will be evaluated with an assessment designed to measure English language proficiency.

Terms and Acronyms:

Newcomer: Recent immigrants who have little or no English proficiency and who may have had limited formal education

NEP: Non-English Proficient, those just beginning to understand and respond in English.

LEP: Limited-English Proficient, those who are able to understand and be understood in many to most social communication situations.

AEP: Advanced-English Proficient or FEP Fluent English Proficient – those who are able to understand and communicate effectively with various audiences. May achieve in content areas compatible to native English speakers, but may still need limited linguistic support.

COURSES OFFERED

ELA INTAKE: READING, WRITING, SPEAKING, AND LISTENING

Prerequisite: Determined by placement testing and / or teacher recommendation based on students' acquisition of English. Typically this course is for Newcomers, NEP, and lower LEP students.

Credit: 1 English credit

Grade: 9 – 12

Other:

Course Length: Year

Fees: None

This course is taken in conjunction with ELA Beginning and / or Intermediate Reading, Writing, Speaking, and Listening.

This course is designed to give newcomers, NEP, and lower LEP students the initial reading, writing, speaking, and listening skills needed for social settings focusing on the Basic Interpersonal Communication Skills (BICS) that occurs in meaningful social context. Reading will focus on sound-symbol relationships as students recognize, decode, and pronounce high frequency words in various texts. As students progress the course will concentrate on beginning proficiency level skills with grammatical and mechanical conventions of language in speaking and writing as students gain exposure to content area vocabulary and concepts. Understanding essential elements of US culture as well as interacting in a school setting will be included.

ELA BEGINNING READING, WRITING, SPEAKING, AND LISTENING

Prerequisite: Determined by placement testing, CELA testing, and / or teacher recommendation based on students acquisition of English. Typically this course is for Newcomers, NEP and lower LEP students and should be taken in conjunction with ELA Intake.

Credit: 1 English credit

Grade: 9 – 12

Other:

Course Length: Year

Fees: None

Students enrolled in this class need also to be in the ELA Intake course.

This course is designed to give beginning level ELA students the initial skills they need in academic and social settings. English skills in reading, writing, speaking, and listening are introduced. Some content area curricula are used as vehicles to develop language and academic skills. At a beginning proficiency level, students will listen, speak, read, and write for a variety of purposes and audiences which included use of grammatical and mechanical conventions, exposure to content area vocabulary and concepts, application of basic research skills, learning strategies to extend their ability to communicate, develop and employ critical thinking skills, and understand and begin to function successfully within the US and high school culture. Reading and listening will center on recognition of patterns, sequencing, key phrases, ECT as students develop their English skills.

ELA INTERMEDIATE READING, WRITING, SPEAKING, AND LISTENING

Prerequisite: Determined by placement testing, CELA testing, and / or teacher recommendation based on students acquisition of English. Typically this course is for LEP and lower AEP / FEP students.

Credit: 1 English credit **Course Length:** Year

Grade: 9 – 12 **Fees:** None

Other: ELA teacher or coordinator may recommend placement in ELA Beginning or Advanced class or regular English class in addition to this course.

This is a sheltered language arts course designed to give intermediate ELA students academic language skills in listening, speaking, reading, and writing. At this level students will listen, speak, read, and write for a variety of purposes and audiences as they develop their Cognitive Academic Language Proficiency (CALP) with subject area content material. The course will further develop reading comprehension through the use of novels, short stories, plays and poetry. The use of grammatical and mechanical conventions, application of research skills, practice writing formal paragraphs and short essays, developing skills in note taking, oral presentations, and critical thinking skills will be included at this level. Understand and comprehend familiar and academic oral English vocabulary used in social and lecture situations.

ELA ADVANCED READING, WRITING, SPEAKING, AND LISTENING

Prerequisite: Determined by placement testing, CELA testing, and / or teacher recommendation based on students acquisition of English. Typically is course is for AEP /FEP students and should be taken in conjunction with a regular English course related to their grade level.

Credit: 1 English credit **Course Length:** Year

Grade: 9 – 12 **Fees:** None

Other: Taken in conjunction with a regular English content class according to their grade level.

At the advanced proficiency level students will listen, speak, read, and write for a variety of purposes and audience which include comprehend grade-appropriate content area text with support, use writing format appropriate to genre, audience, and purpose, deliver formal oral presentations, and demonstrate understanding of most oral language in content area classes. Students will listen, speak, read, and write for a variety of purposes and audiences as they continue to develop their Cognitive Academic Language Proficiency (CALP) with subject area content material. Writing focuses on persuasive and college essays skills while further developing reading comprehension skills through the use of text material similar to those used in the regular English content courses. Speaking and listening will analyze and evaluate conversation, orally-presented stories, and content area material.

ELA ACADEMIC SUPPORT

Prerequisite: ELA placement

Credit: 1 Elective credit **Course Length:** Year

Grade: 9 – 12 **Fees:** None

This course is designed to give additional support to ELA student at all level in content courses. Teachers, aides, and peer will support students with assignments, homework, projects, and studying for tests and quizzes to foster academic growth as they develop English language acquisition.



Cherry Creek Career & Technical Education

The 2011-2012 CTE Course Guide may be found at: <http://www.ccsd.k12.co.us/CTE/>

Registration Information

Courses at Pickens Technical College and select out-of-district programs are also available (see course guide for details). All CTE programs require an application. The application may be downloaded at the above website.

Enrollment Process

Step 1 – Gather all relevant information via website, course catalogs, brochures, and/or meetings.

Step 2 – Complete an application for admission. This application may be found at <http://www.ccsd.k12.co.us/CTE/> or at each high school counseling office. If you do not have an application and would like one please call (720) 554-4551.

Step 3 – Take completed application to the home high school counselor and discuss.

Step 4 – Counselors send in completed applications to the Cherry Creek CTE office no later than March 11, 2011.

NOTES

