

GAHR HIGH SCHOOL



STEAM Magnet School
Science, Technology, Engineering, Art, & Math
www.gahrhs.us

Course Catalog 2020-2021

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Non-Discrimination Statement

ABC Unified School District programs, activities, and student clubs are available to all persons without regard to actual or perceived ancestry, age, color, disability, gender, gender identity, gender expression, nationality, race, ethnicity, religion, sex, sexual orientation, or association with a person or a group with one or more of these actual or perceived characteristics or any other characteristic that is contained in the definition of hate crimes set forth in Section 422.55 of the Penal Code.

Registration Process

Counselors meet with you to assist with and verify your course selections, as well as review your 4-Year Plan. Students will then turn in their registration card with parent signature. Those students who are credit deficient may have the following options:

- 1) Request an additional period class
- 2) Attend an approved summer school program
- 3) Request adult school, Edmentum or community college class

Course Requirements:

Students must earn a minimum of **230 semester credits** as follows:

English	8 semesters (40 credits)
World History/Geography or AP European History	2 semesters (10 credits)
U.S. History/Geography	2 semesters (10 credits)
Civics	1 semester (5 credits)
Economics	1 semester (5 credits)
Mathematics	6 semesters (30 credits)
Biology	2 semesters (10 credits)
Chemistry or Physics	2 semesters (10 credits)
Physical Education*	4 semesters (20 credits)
Health	1 semester (5 credits)
Fine Arts or World Language	2 semesters (10 credits)
Electives	15 semesters (75 credits)

***may be satisfied through a sport/Marching Band/Color Guard/Pep Squad**

DEFINITION OF TERMS

AP - Advanced Placement: A system by which college freshmen may bypass entry-level courses in college by proving they have taken the equivalent in high school. College credit may be awarded by the college if a student earns a certain score on a specially designed College Board exam.

ATA - Art Technology Academy: ATA combines traditional methods of creating art with the addition of the use of technology. Students learn on industry standard software to create a wide range of projects, from basic design layouts to the detailed aspects of film editing & fashion construction.

AVID - Advancement Via Individual

Determination: Program to support students for a more rigorous curriculum that will enable them to go to college.

BTL - Basics to Life: Classes for students who need a modified core curriculum because of learning challenges. =

CP - College Preparatory: Term used for courses that are highly academic. Programs satisfy entrance requirements for colleges & universities.

CSU - California State University: System of 23 universities that students can apply to.

CTE- Career Technical Education

DSP - Distinguished Scholars Program: An academic recognition program throughout the ABC Unified School District for high school students in grades 10 – 12. The program offers an advanced course of study designed to prepare the highly motivated, academic student for the demanding standards of top universities.

ETC - Education to Career: A program designed to meet the needs of students who are able to perform academically during the majority of the school day within a regular classroom, and who are in need of supplementary academic services. (RSP ~ Resource Specialist Program)

ELD - English Language Development:

Instruction designed to support Limited English Proficient students from their primary language to English and fluent English proficiency.

GPA - Grade Point Average: A student's average grade, computed on a four-point scale. A=4, B=3, C=2, D=1, and F=0.

H Honors: A designation that indicates a highly challenging academic course for students who wish to pursue intensive preparation for university work.

PLTW - Project Lead the Way: STEM based classes to support an Engineering or Biomedical pathway program towards college.

Prerequisite: Courses, test scores, and/or grade level that must

be completed before enrolling in a specific course.

STEAM: Science, Technology, Engineering, Art, and Mathematics

UC - University of California: System of 9 undergraduate universities.

VAPA - Visual and Performing Arts: The "F" requirement of the "A-G" sequence of courses required for admissions to a UC or CSU

Program Change Policies and Procedures

INITIAL SCHEDULE CHANGES may be requested prior to the beginning of the school year. Consideration will be given to requests based on solid education purposes (i.e., error in schedule, missing class, graduation requirements, etc.).

In order to balance classes, involuntary period changes may occur until October of each school year and also at the start of the spring semester.

Students must meet course prerequisites.

Parents must approve student requested course changes.

CHANGES IN THE LEVEL OF DIFFICULTY OF A CLASS may be made on the basis of teacher recommendation and parent consent (Ex. AP to Honors; Honors to CP). The counselor will also consider a review of previous grades and test performance.

All student requests for class changes must be made by the end of the 10th day of each semester.

A change in schedule may be completed under one of the following conditions:

- 1) Change in course program (Ex. Add/drop a sport)
- 2) Change due to course completion (Ex. Has already passed the class)
- 3) Balancing to adhere to teacher contractual agreement

Changes in classes to accommodate a student's preference of a teacher will *not* be made. A conference with the current teacher, the student and family may be scheduled to resolve concerns.

Any class that is dropped after the 15th day of each semester will earn a "Withdrawal F," which will be calculated in the student's quarter and semester grade point average.

Since GPA is important in athletic and activity participation and college admissions, students should be aware of the possible consequences of withdrawing from a class.

Distinguished Scholar Program (DSP)

The Distinguished Scholar Program is an academic recognition program throughout the ABC Unified School District for all high school students. The purpose of the program is to encourage students to be successful in an academically rigorous course of study.

To qualify for DSP, students must earn a minimum of 3.5 weighted UC/CSU GPA. Students must be enrolled in at least four UC/CSU approved classes, including two at the Honors or Advanced Placement level for five semesters (semesters 3-7). Once in the program, students must maintain a cumulative 3.50 GPA for continued membership. This academic GPA is weighted for purposes of DSP membership only.

The DSP recommends the following courses: English 4 years

Math 4 years

Social Science 3 years

World Language 3 or 4 years

Laboratory Science 3 years

DSP students are encouraged to be active in leadership and extra-curricular activities, such as student government, school clubs, sports and community service.

Graduating seniors who have qualified for the DSP for five consecutive semesters prior to graduation (semesters 3-7) receive a medallion to wear at graduation and notations on their diplomas and transcripts.

Sophomores who qualify for DSP will be notified after their first semester. New eleventh and twelfth grade students should see their guidance counselor for possible DSP admission.

To qualify for DSP membership, students must earn a 3.5 weighted GPA, beginning in the 10th grade, in a minimum of four UC/CSU approved classes. Two of the four qualifying courses must be at the Advanced Placement or Honors level.

Academic Recognition

Principal's Honor Roll

Students with grade point averages of 3.80 or above are named to the Principal's Honor Roll each semester.
Honor Roll

Students with a grade point average of 3.00 to 3.79 are named to the Honor Roll each semester.

Grade Reports to Parents

Notice of unsatisfactory work is issued after the fifth week of each quarter. A midterm progress report card is issued at the end of the first and third quarters (9-week period). A final report card is issued at the end of each semester. These semester grades are recorded on the final transcript, and five credits are granted for each class passed.

Golden State Seal Merit Diploma

To be eligible for the Golden State Seal Merit Diploma, students must be receiving a high school diploma from Gahr High School and must have demonstrated the mastery of the curriculum in at least six subject areas, as follows:

1. English language arts/literacy (ELA) - students must have earned one of any of the following:
 - a. A grade of B+ or above (or numerical equivalent) in a single course (each semester) completed in grade nine or ten or eleven
 - b. An achievement level of "Standard Met" or above for the high school Smarter Balanced Summative Assessment
2. Mathematics - students must have earned one of any of the following:
 - a. A grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine or ten or eleven
 - b. An achievement level of "Standard Met" or above for the high school Smarter Balanced Summative Assessment
3. Science - students must have earned one of any of the following: Distinguished Scholar Program (DSP) 10
 - a. A grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine or ten or eleven
4. U.S. history - students must have earned one of any of the following:
 - a. A grade of B or above (or numerical equivalent) upon completion of the required U.S. history course (each semester)
5. Two additional subject areas - students may choose from any of the following:
 - a. Any additional qualifying grade or score listed above, earned for the subject of ELA, mathematics, science, or U.S. history not already used to meet eligibility
 - b. A grade of B or above (or numerical equivalent) upon the completion of high school courses in other subjects

Athletic Academic Eligibility

Students' grades are checked every quarter to determine Athletic Eligibility. If a student has below a 2.0 GPA and passes at least 4 classes, they will be placed on probation for 1 Quarter. If a student has below a 2.0 GPA for 2 Quarters in a row, they are ineligible for athletics and will be removed from their Athletic class (i.e., 6th period Athletics). If a student does not pass at least 4 classes during any given quarter, the student is ineligible for athletics and will be removed from their athletics class to a P.E. course during periods 1-5.

Advanced Placement (AP) Courses

The purpose of Advanced Placement (AP) courses is to prepare students to take the AP Exam in May. Students and parents should recognize that such preparation requires significantly more time and dedication than both CP and Honors courses do.

The benefits of taking and being successful in AP courses include:

- If students pass the AP exam, they will earn college credit, which can save on college tuition and/or help students gain priority registration in college.
- AP courses raise the rigor of a student’s course-load, which is a factor that colleges use in evaluating a student’s potential to succeed at a college-level.
- AP courses are “weighted,” which means students will earn an extra grade point for grades of “C” and above.

Golden State Seal Merit Diploma

To be eligible for the Golden State Seal Merit Diploma, students:

1. must be receiving a high school diploma from Gahr High School and must have demonstrated the mastery of the curriculum in at least six subject areas, as follows:
 1. English language arts/literacy (ELA)—students must have earned one of any of the following:
 - a. A grade of B+ or above (or numerical equivalent) in a single course (each semester) completed in grade nine or ten or eleven
 - b. An achievement level of “Standard Met” or above for the high school Smarter Balanced Summative Assessment
 2. Mathematics—students must have earned one of any of the following:
 - a. A grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine or ten or eleven
 - b. An achievement level of “Standard Met” or above for the high school Smarter Balanced Summative Assessment
 3. Science—students must have earned one of any of the following: Distinguished Scholar Program (DSP)
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 - a. A grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine or ten or eleven
 4. U.S. history—students must have earned one of any of the following:
 - a. A grade of B or above (or numerical equivalent) upon completion of the required U.S. history course (each semester)

Two additional subject areas—students may choose from any of the following:

- a. Any additional qualifying grade or score listed above, earned for the subject of ELA, mathematics, science, or U.S. history not already used to meet eligibility
- b. A grade of B or above (or numerical equivalent) upon the completion of high school courses in other subjects

Distinguished Gladiator

The Distinguished Gladiator Award recognizes graduating seniors who have maintained above average grades and who have completed a significant number of credits above the minimum required for graduation. This recognition is determined at the end of the student’s seventh semester. If a student has maintained a 3.0 GPA and has earned 245 credits, he/she will be notified of this recognition by the advisor during the spring semester. The student is recognized at the Senior Awards Ceremony in June.

National Collegiate Athletics Association (NCAA)

The NCAA is committed to the education of student-athletes and has implemented a series of policies to strengthen the preparedness of Division I-III (i.e., D1, D2, or D3) student-athletes for college work and ensure they make steady progress toward a degree.

Gahr High School works with students who must understand that a heavy focus on academic success, partnered with athletic abilities, may ensure admissions to a D1, D2, or D3 institution for students to first and foremost learn and play. Students who believe they have a strong balance between scholarship and athleticism should talk to their parents or guardians, teachers, guidance counselor, and coaches as early as the 9th grade to develop a plan to be accepted to a D1, D2, or D3 institution.

Potential NCAA students must satisfy college entrance requirements, as well as NCAA core subject requirements. Please see your guidance counselor for more information.



The State Seal of Biliteracy

The State Seal of Biliteracy (SSB) provides recognition to Gahr High School students who have attained a high level of proficiency in speaking, reading, and writing in one or more languages in addition to English.

If your primary language is English, you must fulfill the following: 1) complete all English Language Arts (ELA) classes with an overall GPA of 2.0 or above; 2) must pass ELA CAASPP with a “Standard Met” or Higher (administered in 11th grade); and 3) must demonstrate proficiency in one or more languages other than English. The third part can be satisfied by either: a) passing a world language AP exam with a 3 or above; b) successfully complete a four-year high school course of study in a World Language and attain an overall GPA of 3.0 or above in that course of study; or c) pass a world language SAT subject test with a score of 600 or higher

If your primary language is not English you must fulfill the following: 1) Achieve Early Advanced proficiency (Level 4) on the **English Language Proficiency Assessments for California** (ELPAC); and 2) Meet the requirements above as stated in 1), 2), and 3) for those whose primary language is English.

Additional Information for All Graduates

Attendance Requirement: Eight semesters of high school attendance are required unless an exception for a special program is approved by the Advisor, the Principal, and the Assistant Superintendent-Academic Services by June 1 of the year prior to anticipated graduation date.

Grade Point Calculation: For calculation of an unweighted grade point average (GPA) and class rank, all class grades are treated equally.

Honor status for graduation is determined at the end of the first semester of the senior year (seven-semester unweighted GPA). If a student repeats a class, the student cannot receive credit both times. If a course is repeated, both grades are included in the calculation of the grade point average.

Honors at Graduation: The following GPA's are recognized at graduation based on a 7-semester unweighted total GPA

3.80 – 4.00 Highest Honors

3.50 – 3.79 High Honors

3.00 – 3.49 Honors

In order to be eligible for Valedictorian, (highest ranking GPA), or Salutatorian, second highest-ranking GPA, a student entering from another country must have entered at the beginning of their Junior year. Unweighted GPAs are not rounded up for any graduation recognition.

College Prep (A-G) & NCAA Pathway

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or AP English Language	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology H or CP	Chemistry- H or CP* / Physics	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
Elective	Health/Futures		Elective	Elective
PE	PE	PE		
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

*Some classes may need to be taken during zero period, 7th period, or summer school in order to meet all requirements

Arts Technology Academy (ATA) Pathway

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III ATA	English IV ATA
Math	Math	Math	Math	Math (recommended)
Science	Biology ATA	Chemistry ATA	Physics ATA	
History		World History ATA	US History - AP or CP	Civics/Econ CP ATA
CTE Elective	Art I ATA	Art Technology ATA	Integrated Art Methods ATA	Advanced Art Methods ATA
PE	PE or Athletics	PE		
Additional Elective	World Language or Health		World Language	World Language II AP Art History

*Some classes may need to be taken during zero period, 7th period, or summer school in order to meet all requirements

Automotive Technology

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or English Language AP	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology- H or CP	Chemistry- H or CP*	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
Elective	Automotive I	Automotive I or II	Automotive II or Alternative Fuels	Automotive II or Alternative Fuels
PE	PE	PE		
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

AVID Pathway

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or English Language AP	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology- H or CP	Chemistry- H or CP*	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
Elective	AVID 9	AVID 10	AVID 11	AVID 12
PE	PE	PE		
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

Biomedical Pathway

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or H or AP English Language	English IV, or ERWC AP Eng Lit
Math	Math	Math	Math	Math (recommended)
History	World History H	AP Euro	US History - AP or CP	Civics/Econ CP or AP Government/Econ
Science	Principles of Biomedical Science (H)	Human Body Systems (H) or Chemistry	PLTW Medical Interventions (H) or Chemistry	
PE	PE	PE		
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

Computer Science Pathway

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or AP English Language	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology- H or CP	Chemistry- H or CP*	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
CTE Elective	PLTW Computer Science Essentials	PLTW Computer Science Essentials or AP Computer Science Principles	AP Computer Science A or AP Computer Science Principles	AP Computer Science A or Elective
PE	PE	PE		
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

*Some classes may need to be taken during zero period, 7th period, or summer school in order to meet all requirements

Engineering Pathway

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or AP English Language	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology- H or CP	Chemistry- H or CP*	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
CTE Elective	PLTW Intro to Engineering Design	PLTW Principles of Engineering	PLTW Aerospace Engineering	PLTW Engineering Design and Management
PE	PE	PE	Health*	
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

*Some classes may need to be taken during zero period, 7th period, or summer school in order to meet all requirements

Film/Video Production & Broadcasting

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or AP English Language	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology- H or CP	Chemistry- H or CP*	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
CTE Elective	Health/Futures	Intro to Film & Video Production	Intermediate Film & Video Production	TV Broadcasting
PE	PE	PE		
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

*Some classes may need to be taken during zero period, 7th period, or summer school in order to meet all requirements

Instrumental Music Program

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or AP English Language	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology- H or CP	Chemistry- H or CP*	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
Elective	Concert Band or Percussion or Color Guard	----->	----->	----->
PE	Marching Band	----->	----->	----->
Additional Elective	Jazz Ensemble	----->	----->	----->

Video Game Design & Development

Subject	9th	10th	11th	12th
English	English I CP or H	English II CP or H*	English III or AP English Language	English IV, ERWC, Rhet & Creative Writing or AP Engl Lit
Math	Math	Math	Math	Math (recommended)
Science	Biology- H or CP	Chemistry- H or CP*	Science (recommended)	Science (recommended)
History		World History - AP or CP	US History - AP or CP	Civics/Econ CP or AP Government/Econ
Elective	Video Game Design I	Video Game Design II	Video Game Design III	Video Game Design II
PE	PE	PE		
Additional Elective	World Language	World Language	World Language (recommended)	Visual & Performing Art

AVID

Advancement Via Individual Determination

AVID admits students in the academic middle (B, C, and D students) who have the desire to go to college and the willingness to work hard. AVID places academically thirsty students, with GPAs ranging from 2.0-3.5, in advance classes and provides them with an elective class to prepare for success in rigorous curricula, participate in volunteer experiences, enter mainstream activities in school, and increase their opportunities to be accepted to four-year colleges. AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global and interdependent society.

8770 AVID (Tutorial) - 9th Grade 8771 AVID (Tutorial) - 10th Grade 5772 AVID (Tutorial) - 11th Grade
5773 AVID Senior Seminar -12th Grade
(UC/CSU and NCAA acceptable)

Prerequisite: Application and interviews are required.

Open to grades 9 – 12 (Original credit only):

AVID is an elective class designed to help students prepare for and succeed in college and university. Students in the program commit themselves to improvement & preparation for college. AVID offers a rigorous program of instruction in academic “survival skills” and college level entry skills. The AVID program teaches the student how to study, read for content, take Cornell Notes, and manage time. Students participate in collaborative study groups, or tutorials, led by tutors who use skillful questioning to bring students to a higher level of understanding. AVID Senior Seminar only offered to current AVID 11th graders.

5754 AVID Tutor

Prerequisite: 11th or 12th grade in good academic standing (3.5 GPA or above or AVID Coordinator Approval). Application & interview are required:

Students will act as an academic peer tutor who will help all AVID students through the support of engagement strategies. Each tutor will be required to have 16 hours of training in engagement strategies. Tutors will be issued

Career & Technical Education (CTE)

Career & Technical Education (CTE) provides opportunities for career and technical training in a variety of fields during high school. Classes are provided in career areas where there is a promising job market. For an opportunity to explore possible careers before deciding on a four-year college/university, trade program, or career, students are encouraged to enroll in CTE classes on the Gahr High School campus. Through CTE, participants may acquire the job skills necessary to enter and compete in today's workforce, and in many cases, earn advanced placement or credits at area community colleges. Students are encouraged to complete all 3 classes in the series.

7128 CTE Introduction to Film & Video Production I

(UC/CSU acceptable: F)

This course trains students to use film as a tool for communication and self-expression in entertainment and industry. Students will study the history and aesthetics of film as a complex, collaborative art form. They will explore the foundational elements of writing, photography, visual perception, and elements of design as they apply to cinematic expression. Students will analyze the use of film and video to share ideas and influence culture. They will also be trained in the multiple technical competencies required to communicate through film and the rich variety of employment opportunities available in the field.

7129 CTE Intermediate Film & Video Production II

Prerequisite: 7128 CTE Film & Video Prod. I or Teacher Approval

(UC/CSU acceptable: F)

This course provides students skills and competencies in broadcast media including television, radio, web/pod casting, and emerging broadcasting technologies. Students will become familiar with current and emerging technology and practices and the variety of career opportunities that present themselves in the live broadcasting pathways (see Television Production and Radio Presentation for further information).

1612 TV Broadcasting

(UC/CSU acceptable: F)

This course will examine specific uses of film and video technology in various entertainment and industry sectors. Students receive advanced training in pre-and post production jobs and competencies, current and emerging technologies, and the collaborative nature of the creative process involved in video production. (Capstone)

1798 Introduction to Video Game Art Design

(UC/CSU acceptable: G)

This course introduces students to the rapidly developing field game design and production. They will explore current technologies, media and art applications, and emerging technological advances that impact this ever-expanding field. They will combine foundations in design, animation, graphic imaging, and multimedia production to prepare for employment, advanced training, or higher education in project or software design.

1638 Intermediate Video Game Art Design

Prerequisite: Successful completion of 1798

This course refines student skills and expands student knowledge in current technologies, media and art applications, and emerging technological advances that impact the game design field. Students will refine skills in design, animation, graphic imaging, coding and multimedia production to prepare

for employment, advanced training, or higher education in project or software design. Students will explore other industry application including a mobile application design and technology

Automotive Technology

3575 CTE Auto Care (Auto I)

Recommended for Grades 9 - 12

(UC/CSU acceptable: G)

This introductory course will offer first year students a unique perspective of the skills and knowledge required for an entry level position in the systems diagnostics, service, and repair of vehicles of the twenty first century. The instruction will concentrate on but will not limited to the fundamentals of shop safety, tool identification and proper use along with basic repairs and maintenance of modern vehicles.

3576 CTE Auto Maintenance (Auto II)

Recommended for Grades 10-12

This concentrator level course provides more specific areas of focus such as system diagnosis, advanced service, maintenance, and repair. The instruction will also concentrate on support systems such as engine performance, braking, steering, cooling, and electrical/electronic components. The student will also be exposed to transmissions and differentials.

3577 CTE Intro to Alternative Fuels

Recommended for Grades 10-12

This capstone level course will provide students with the opportunity to function in a variety of roles within this pathway. Students will demonstrate competency in the skills and knowledge acquired in introductory and concentration level courses. Students will participate in work-based learning opportunities which can lead to internships. Students that successfully complete the course of study will qualify for industry recognized certifications. Upon completion of this course, students will be prepared for an entry level position at a vehicle repair facility.

English

English

Summer Enrichment Project

A completed Summer Enrichment Project is for all students enrolling in Advanced Placement (AP) English at grades 11 and 12. The current English teacher will inform students of the required assignment near the end of the 2nd semester. All students enrolled in Honors English at grades 10 and 11 will have an opportunity to complete a Summer Enrichment Project,. ELD students who will transition into any of the Honors or AP levels are also responsible for completing the Summer Enrichment Project according to the expectations of the course for which they have registered. The current ELD teacher will have the required information. All Honors and AP teachers will hold informational meetings to inform future students of the elements of the Summer Enrichment Project for each course. Not completing the Summer Enrichment Project is not cause for dropping the course.

1012 English I CP

(UC/CSU & NCAA acceptable) **Prerequisite: None Open to Grade 9** Students will utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry, informational texts, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking and analytical questions and writing prompts. There will also be vocabulary, grammar, and research skills included throughout the course.

1013 English I Honors

(UC/CSU & NCAA acceptable) **Prerequisite: Students recommended for Honors need to have strong writing skills, and have above average grades in English in middle school. Open to Grade 9.**

This course is designed to help students meet mastery of the Common Core State Standards in English Language Arts while also preparing for future Honors, ERWC, and/or AP courses. Students will utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry informational texts, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking, analytical questions, and writing prompts. There will also be vocabulary, grammar, research skills, and a full length novels included throughout the course.

1022 English II CP

(UC/CSU & NCAA acceptable) **Prerequisite: None Open to Grade 10** Students will build upon skills acquired in English I and utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry, informational texts, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking and analytical questions, and writing prompts. There will also be vocabulary, grammar, and research skills included throughout the course.

1023 English II Honors

(UC/CSU & NCAA acceptable) **Prerequisite: An “A” in English I CP or a “B” or higher in English I H or teacher recommendation; Summer .Enrichment Project may be available. Open to Grade 10**

This course is designed to help students meet mastery of the Common Core State Standards in English Language Arts while also preparing for future Honors, ERWC, and/or AP courses. The course content consists of intense reading and critical analysis of a broad range of literary works through the StudySync curriculum. Rigorous writing assignments, MLA citations, conventions, vocabulary development, grammar conventions, and public speaking skills are emphasized. While collaborative group skills are incorporated, the emphasis of the course is the depth and breadth of students’ critical thinking and analytical skills as applied

to a variety of texts, including full length novels. All students who enroll in English II Honors may have a Summer Enrichment Project opportunity that will help the student prepare for the upcoming course.

1106 English II CP ATA (UC/CSU & NCAA acceptable) Prerequisite: Enrolled in the Arts Technology Academy **Open to Grade 10**

Students will build upon skills in English I and utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry, informational texts, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking and analytical questions, and writing prompts. There will also be vocabulary, grammar, and research skills included throughout the course. It is taught by an ATA English teacher and will include participation in an integrated curricular project.

English III CP

(UC/CSU & NCAA acceptable)

Prerequisite: None Open to Grade 11

Students will build upon skills in English II and utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry, informational texts, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking, analytical questions, and writing prompts. There will also be vocabulary, grammar, research skills, and full length novels included throughout the course.

1033 English III Honors

(UC/CSU & NCAA acceptable) **Prerequisite: An “A” in English II CP/ATA or a “B” or higher in English**

II H or teacher recommendation; Summer Enrichment Project may be available. Open to Grade 11

This course is designed to help students meet mastery of the Common Core State Standards in English Language Arts while also preparing for future Honors, ERWC, and/or AP courses. The course content consists of intense reading and critical analysis of a broad range of literary works through the StudySync curriculum. Rigorous writing assignments, MLA citations, -conventions, vocabulary development, grammar conventions, and public speaking skills are emphasized. While collaborative group skills are incorporated, the emphasis of the course is in the depth and breadth of students' critical thinking and analytical skills as applied to a variety of texts, including full length novels. All students who enroll in English III Honors may have a Summer Enrichment Project opportunity that will help the student prepare for the upcoming course.

1107 English III CP ATA

(UC/CSU & NCAA acceptable) Prerequisite: Enrolled in the Arts Technology Academy **Open to Grade 11**

Students will build upon skills in English II and utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry, informational texts, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking, analytical questions, and writing prompts. There will also be vocabulary, grammar, research skills, and full length novels included throughout the course. It is taught by an ATA English teacher and will include participation in an integrated curricular project.

1034 AP English Language and Composition

(UC/CSU & NCAA acceptable) **Prerequisite: A “B” or higher in English II H or teacher recommendation; Summer Enrichment Project required.**

Open to Grade 11

This course is designed to mirror the reading and writing rigor of a university level English course while preparing students to take the associated AP exam in May. Students might gain college credit if they earn a score on the AP exam that meets their future university's requirements. This course emphasizes the

expository, analytical, and argumentative writing styles that are commonly encountered in post-secondary education and professional fields. Literature in this course focuses on non-fiction writing and American documents of cultural and historical significance. A Summer Enrichment Project is required.

1043 English IV CP

(UC/CSU & NCAA acceptable)

Prerequisite: None

Open to Grade 12

Students will build upon skills acquired in English III and utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry, informational texts, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking, analytical questions, and writing prompts. There will also be vocabulary, grammar, and research skills included throughout the course.

1218 Expository Reading Writing Course (ERWC)

Prerequisite: C or higher grade in previous English course and a minimum of a Standards Met on the 11th Grade CAASPP.

Open to Grade 12

The goal of the Expository Reading and Writing Course (ERWC) is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of several rigorous instructional modules, students in this year-long, rhetoric-based course develop advanced proficiencies in expository, analytical and argumentative reading and writing. Modules provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors, and to apply those strategies to their own writing. They will read closely to examine the relationship between an author's argument or theme and his or her audience and purpose, to analyze the impact of structural and rhetorical strategies, and to examine the social, political, and philosophical assumptions that underlie the text.

1115 English IV CP ATA

(UC/CSU & NCAA acceptable) Prerequisite: Enrolled in the Arts Technology Academy **Open to Grade 12**

Students build upon skills acquired in English III and utilize StudySync through a consumable textbook and online platform to access a variety of literary genres such as short stories, speeches, poetry, informational text, excerpts from novels, etc. Students will work closely with the literature through annotations, close reading, critical thinking, analytical questions, and writing prompts. There will be vocabulary, grammar, and research skills included throughout the course. It is taught by an ATA English teacher and will include participation in an integrated curricular project.

1044 AP English Literature and Composition

(UC/CSU & NCAA acceptable) **Prerequisite: A "B" or higher in English III H or a "B-" or better in AP English Language or teacher recommendation; summer reading project required.**

Open to grade 12

This course is designed to mirror the reading and writing rigor of an advanced university-level English course while preparing students to take the associated AP exam in May. Students might gain college credit if they earn a score on the AP exam that meets their future university's requirements. This course emphasizes the narrative writing styles that are commonly encountered in post-secondary education and professional fields. The accelerated course of study will focus on classical works and contemporary pieces, advanced techniques of creative exposition, and literary critical analysis. The Summer Enrichment Project is required.

1198 Film Studies

(UC/CSU acceptable/NCAA acceptable)

Grades 10, 11, 12

Prerequisites: Successful completion of English I & student/parent contract signed upon enrollment.

This course will enable students to become critical viewers of all types of film and appreciate its cultural and societal relevance. Students will study a variety of film genres with the goal to open the film viewing experience and analyze a film's components to better understand the workings of the whole process. Students will learn to critically analyze and express ideas clearly through writing projects. Students will engage in formal, structured writing utilizing MLA format and demonstrate a mastery of skill aligned with core English courses and Common Core Standards.

1265 Film Studies II/ Screenwriting

Open to Grades 11 and 12

Prerequisites: Successful completion of Film Analysis & Criticism I & student/parent contract signed upon enrollment.

This course is designed for students who are interested in critically thinking about screenwriting, filmmaking, and the common human experience of viewing film. Students are expected to improve as a writer using elements of diction, syntax, and tone. The class will focus on developing writing skills & analysis, as well as, learning the standard Hollywood screenplay format. Students will continue to develop as critical viewers of all types of film and appreciate its cultural and societal relevance through studying a variety of film genres with the goal to open the film viewing experience and analyze a film's components to better understand the workings of the whole process. Students will engage in formal, structured writing utilizing MLA format and demonstrate a mastery of skill aligned with core English courses and Common Core Standards.

1060 Creative Writing

(NCAA acceptable)

Prerequisite: C or above in previous English class.

Open to grades 10, 11, 12

This course is designed for students who are interested in developing their talent and skill in creative writing.

During this course, we will explore the many forms of creative writing: poetry, short fiction, nature and creative non-fiction, drama and screenplay writing. Additional emphasis will be placed on reading creative material and discussing the author's style and technique. Students will engage in formal, structured writing utilizing MLA format & demonstrate a mastery of skill aligned with core English courses and Common Core Standards. Most importantly, students will compose original pieces of work, then share and critique.

1601 Journalism I "Forum Staff"

(UC/CSU acceptable)

Prerequisite: Successful completion of English I, and a "B-" or better in previous English class

Open to grades 10, 11, 12

This course will focus on enhancing and developing students' English skills toward the end product of a student newspaper. Students will study rhetoric, journalistic style and conventions, page design, interviewing, and the responsibility that comes with being a journalist. We will make use of Google Docs and Classroom, Adobe Indesign and Photoshop, as well as, Apple GarageBand and iMovie. Skills in the use of these programs are desired, but not essential. This class will on occasion require work outside of class time.

1617 Journalism II "Forum Staff"

(UC/CSU acceptable)

Prerequisite: Successful completion of Journalism I and recommendation of journalism adviser

Open to grades 11, 12

This course will build upon the skills learned in Journalism I and continue to focus on enhancing and developing students' English skills toward the end product of a student newspaper. Students will study rhetoric, journalistic style and conventions, page design, interviewing, and the responsibility that comes with being a journalist. We will make use of Google Docs and Classroom, Adobe InDesign and Photoshop, as well as, Apple GarageBand and iMovie. Skills in the use of these programs are desired but not essential. This class will on occasion require work outside of class time.

English Language Development (ELD)

English Language Proficiency Assessments for California (ELPAC)

This is a yearly state-mandated test for all Limited English Proficient students, testing, listening, speaking, reading and writing. It has three purposes: initial identification for program placement, annual assessment, and re-designation to fluent English proficient status.

1050 Academic English I

Prerequisite: Placement by ELD Department Chairperson or Teacher.

Open to grades 9, 10, 11, 12 - Based on English proficiency level & ELPAC results.

Required: Concurrent enrollment in course #1051.

This course provides non-English & Limited English proficient students intense instruction in survival vocabulary development, simple sentence structure, and Read 180/System 44 which focuses on foundational reading skills along with instruction in phonics, comprehension and writing which aligns to the common core state standards (CCSS).

Placement is by initial language assessment through ELPAC results. Movement to Academic English II is contingent upon teacher recommendation.

This course does not meet English requirements for UC/CSU systems.

1051 Academic English I Elective

Prerequisite: Placement by ELD Department Chairperson or Teacher.

Open to Grades 9, 10, 11, 12 - Based on English proficiency level & ELPAC results.

Required: Concurrent enrollment in course #1050.

This course is designed for students who are non-English or Limited English Proficient. Emphasis is on survival listening and speaking skills.

Placement is by initial language assessment through ELPAC results. Movement to Academic English II is contingent upon teacher recommendation.

This course does not meet English requirements for UC/CSU systems.

1052 Academic English II

Prerequisite: Placement by ELD Department Chairperson or Teacher.

Open to grades 9, 10, 11, 12 - Based on English proficiency level & ELPAC results.

Required: Concurrent enrollment in course #1053.

This course provides further development of listening, speaking, reading and writing skills. The curriculum is literature based and involves a rigorous reading comprehension program with Reading Plus and StudySync.

Placement is by initial language assessment or teacher recommendation. Movement to English Advanced ELD is contingent upon teacher recommendation. **This course does not meet English requirements for UC/CSU systems.**

1053 Academic English II Elective

Prerequisite: Placement by ELD Department Chairperson or Teacher.

Open to grades 9, 10, 11, 12 - Based on English Proficiency level & ELPAC results.

Required: Concurrent enrollment in course #1052.

Intermediate speakers of English receive further development of oral communication skills as well as reading and writing skills. Placement is by initial language assessment through ELPAC results. Movement to English Advanced ELD is contingent upon teacher recommendation. **This course does not meet English requirements for UC/CSU systems.**

1057 English Advanced ELD

Prerequisite: Placement by ELD Department Chairperson or Teacher.

Open to grades 9, 10, 11, 12 - Based on English Proficiency level & ELPAC results.

This course is designed as support for Limited English Proficient students who are concurrently enrolled in the appropriate grade equivalent English CP, English Honors, or AP course. Emphasis is on oral communication and composition skills. Literature is utilized to foster critical thinking skills.

Placement is by initial language assessment through ELPAC or teacher recommendation.

Only one year of English Advanced ELD can be used to meet the UC/CSU “B” English requirement.

1058 English Across the Curriculum (EAC)

Prerequisite: Student has been designated as an English Learner (Including English Across the Curriculum Redesignated); Open to Grades 9, 10, 11, 12

This course is designed to support English Learners in all of their courses. Students will work on organization, writing, critical thinking skills, and literacy skills that will help support them in all of their classes.

Mathematics

All students must complete Math I, or its equivalent, in order to receive a high school diploma.

Students are required to take three years of math; however, a fourth year of math is **highly recommended** to assist with appropriate placement to math in college (2 year or 4 year college/university); and complete Math I in a traditional two semester school year at Gahr.

All classes taken in the summer may be counted as enrichment unless the student failed a course and is taking it as a make-up class. In the latter situation, the class is counted for original math credit.

Students may take math courses at the community college, however the credit will not count toward the math graduation

California State Content Standards for Algebra I. Scientific calculators are required and graphing calculators are recommended.

4997 Accelerated Math I/II

(UC/CSU and NCAA acceptable)

Open to grade 9 and 10

Prerequisite: An “A or B” in Middle School Accelerated 8 or an “A or B” in Math 1 Plus & teacher recommendation.

The ideas presented in this course will focus on developing an understanding of the symbolic language of Algebra, Geometry, & science, which depend on the ability to calculate & reason using symbols. Algebraic skills, Geometry skills, & concepts are developed and used in a wide variety of problem solving situations. This course is based on the California State Content Standards.

4481 Math I Plus H

Open to grade 9

Prerequisite: A “B” or better in Middle School math 8 or “C, D, or F” in Accelerated 8.

The ideas presented in this course will focus on developing an understanding of the symbolic language of math & science, which depend on the ability to calculate & reason using symbols. Algebraic skills & concepts are developed and used in a wide variety of problem solving situations. This course is based on the California State Content Standards.

4484 Math I

(UC/CSU and NCAA acceptable)

Open to grade 9

The ideas presented in this course will focus on developing an understanding of the symbolic language of mathematics and science, which depend on the ability to calculate and reason using symbols. Algebraic skills and concepts are developed and used in a wide variety of problem solving situations. This course is based on the California State Content Standards.

4485 Math II

(UC/CSU and NCAA acceptable)

Open to grades 10, 11, 12

Prerequisite: A “C” or better in Math I, Math 1 Plus, or Accelerated Math I/II

The ideas presented in this course focus on developing an understanding of the language of geometry. Geometric skills and concepts are developed and used in a wide variety of problem solving situations. Students also develop an ability to construct formal proofs, logical arguments, and informal proofs. This course is based on the California State Content Standards for Geometry.

4998 Accelerated Math II/III

(UC/CSU and NCAA acceptable)

Open to grades 10 or 11

Prerequisite: An “A or B” in Accelerated I/II and teacher recommendation

This course is designed for the faster-paced student and leads to a Pre-Calculus Honors one-year course. It is designed to develop in the student the ability to understand the concepts required to perceive the set of real numbers as being a well-ordered field. It is structured to review and implement the basic properties and methodologies introduced in Algebra I and to further the understanding of the real numbers by developing greater proficiency in the solution of algebraic problems related to those properties. In addition, numerous new areas are explored such as sequences, logarithmic functions, complex numbers, parabolas, ellipses, hyperbolas, and trigonometry. This course is based on the California State Content Standards.

4486 Math III

(UC/CSU and NCAA acceptable)

Open to grades 10, 11, 12

Prerequisite: Successful completion of Math II

The ideas presented in this course will complement and expand the mathematical content and concepts of Algebra 1 and Geometry. Students gain experience with algebraic solutions of problems in various content areas, including the solution of systems of quadratic equations, logarithmic and exponential functions, the binomial theorem, and the complex number system. This course is based on the California State Content Standards.

4609 Pre-Calculus

(UC/CSU and NCAA acceptable)

Open to grades 11 or 12

Prerequisite: A “C” or better in Math III and teacher recommendation

This course is designed to prepare students for AP Calculus AB or entry in the calculus sequence at any college or university. The ideas presented in this course include a focus in both Trigonometry and Mathematical Analysis. This course is based on the California State Content Standards for Probability and Statistics and for Mathematical Analysis.

4610 Pre-Calculus H

(UC/CSU and NCAA acceptable)

Open to grades 11 or 12

Prerequisite: An “A or B” in Accelerated II/III and teacher recommendation

This course is designed to prepare students for Advanced Placement Calculus BC or entry into the Calculus sequence at any college or university. Therefore, emphasis is given to a rigorous study of coordinate geometry, functions, trigonometry, limits, continuity and differential calculus.

4507 AP Calculus AB

(UC/CSU and NCAA acceptable)

Open to grades 11 or 12

Prerequisite: An “A or B” in Pre-Calculus and teacher recommendation

This is an Advanced Placement course in mathematics, for which students may earn additional college credit upon passing the College Entrance Examination Board's test. The course consists of a full academic year of work in differential and integral calculus and related topics comparable to courses in colleges and universities. This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry.

4645 Statistical Reasoning

Open to grade 12

Prerequisite: Completion of Math I and Math II or Math III

Statistical Reasoning teaches students how to use the four-steps of the statistical process: ask questions, collect data, analyze data, and make conclusions. Although the context of the examples and exercises are sports related, the primary focus of the class is to teach the basic principles and tools of statistical reasoning. The course is an alternative to Pre-Calculus for college bound students. This course also serves as a preparation class for AP Statistics.

4508 AP Calculus BC

(UC/CSU and NCAA acceptable)

Open to grade 11 or 12

Prerequisite: A-B in Pre-Calculus H and teacher recommendation

This is an Advanced Placement course in mathematics, for which students may earn additional college credit upon passing the College Entrance Examination Board's test. The course consists of a full academic year of work in differential and integral calculus and related topics as well as series, polar coordinates, and vectors in the plane. This course is comparable to courses in colleges and universities. This course is intended for faster-paced math students.

4592 AP Statistics

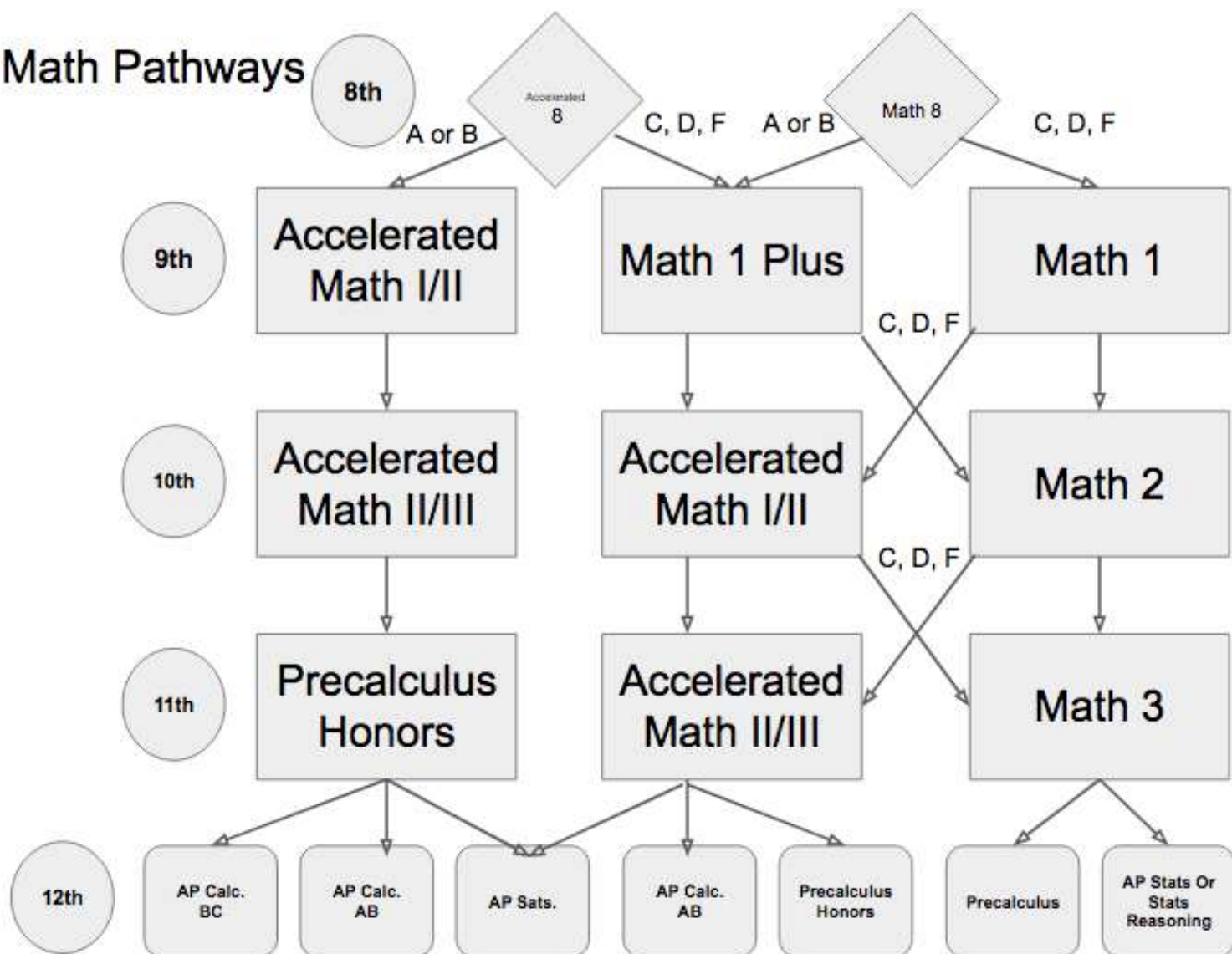
(UC/CSU and NCAA acceptable)

Open to grades 11 or 12

Prerequisite: A "C" or better in Math III and teacher recommendation

This is an Advanced Placement course in mathematics for which students may earn additional college credit upon passing the College Entrance Examination Board test. This course is designed to introduce the fundamentals of statistics. It will include the use of the normal curve, permutations and combinations, sampling, hypothesis testing, and statistically treated data.

Math Pathways



Physical Education

Students must complete two years (20 credits) of physical education. Physical education is required of all students each semester they are enrolled in 9th grade; the second year of PE is to be completed in 10th grade unless the student meets all of the following district criteria for delayed PE enrollments:

- 1) enrollment in at least 6 courses EACH SEMESTER in high school including the senior year,
- 2) reason for delayed enrollment is consistent with stated career and/or educational goal(s),
- 3) approval of the Assistant Principal-Guidance, and
- 4) petition must be submitted prior to the second week of the semester. If there is a failing grade, the student will be required to make up the deficient PE credits by taking additional PE courses in the 11th and/or 12th grade.

Gahr High School has developed the following PE I course offerings, which fulfill the 9th grade PE requirements. These offerings include the district approved cognitive component. Options for 9th graders are PE I & Athletic PE. In the 10th grade, students are enrolled in PE II, which includes the approved cognitive components. Options for 10th graders are PE II and Athletic PE.

High School students are given the option of taking required physical education for a grade or credit/no credit. Request for credit only grades for PE must be made within two weeks after progress reports are sent home. Such a request is valid for one semester at a time. For this option, see your guidance counselor.

6021 PE I

Open to grades 9, 10, 11

PE I is an introduction to the principles and philosophy of physical education. The student will explore theories of exercise, biomechanics, and movement. Students will participate in a lab studying the effects of exercise on their bodies and be placed on a program to enhance physical fitness. The four components offered to freshman are 21 biomechanics, fitness, aquatics and team sports are designed to enhance the student's physical fitness, motor development, and social skills. This course fulfills one year of the graduation requirements in PE.

6022 PE II

Prerequisite: PE I

Open to grades 10, 11, 12

An extension of Physical Education I, PE II deals with a wide variety of lifetime sport activities. Physical Education II continues with dance & rhythms, combative, gymnastics/ tumbling, individual dual sports and "Why Try" curriculum review. This course fulfills one year of the graduation requirement in PE.

6100 PE/Lifetime Sports Prerequisite: Passing grade in PE I and PE II

Open to grades 11, 12 and all Athletes enrolled in 6th or 7th period PE

This course is designed to give students an awareness of lifetime fitness through exposing them to a variety of sports that can be enjoyed throughout the life cycle. Students are provided with information that can be incorporated into their lifestyle no matter what their age and fitness level currently is. Students are encouraged to find the fitness activity that interests them and hopefully carry that activity over to later years. This class does not replace PE I or PE II; it is PE elective credit only. This is a one- semester course.

6089 PE/Strength & Conditioning

Prerequisite: Must pass PE II

Open to grades 11, 12 and current athletes enrolled in Athletic PE

Strength training is done weekly for strength and muscular development. Circuit training for muscular endurance and tone is also included. This class does not replace PE I or PE II; it is PE elective credit only. This is a one- semester course.

6124 PE/Bodies in Motion

Prerequisite: Passing grade in PE I and PE II

Open to grades 11, 12

The course is designed to give students an awareness of their physical fitness through aerobic and anaerobic conditioning. This objective is met through weight training, kickboxing, TaeBo nutrition units and learning how to monitor their own physical fitness. By providing different types of exercise, students are better equipped to choose exercises that fit his/her lifestyle. This class does not replace PE I or PE II, it is PE elective credit only.

6002 Pep Squad

Prerequisite: Tryouts*

Open to grades 9, 10, 11, 12

*Tryouts are held in the spring for students interested in participating in Cheer. These groups perform at athletic games, competitions, and parades. Pep Squad is a year-round sport that promotes school spirit and Gladiator pride. Members develop technical skills in stunting, tumbling, and basic cheer fundamentals. Will require time outside of school hours.

Athletics:

You must circle the sport code on your Course Selection Card for which you will participate or tryout.

***Tryouts -**

Requirements for tryouts:

Grade point average of 2.0 (or better) for each quarter;

Must pass 4 subjects per grading quarter;

Good attendance record (no cuts)

Good health; and able to purchase/fundraise for the purchase of the uniform, coaching clinics, and other items.

FALL SPORTS	WINTER SPORTS	SPRING SPORTS	Yearlong
Cross Country	Girls Basketball	Badminton	Cheer
Girls Golf	Boys Basketball	Baseball	Color Guard
Football	Girls Soccer	Boys Golf	
Marching Band	Boys Soccer	Softball	
Girls Tennis	Girls Water Polo	Girls Swim	
Boys Water Polo	Wrestling	Boys Swim	
Girls Volleyball		Boys Tennis	
		Track and Field	
		Boys Volleyball	

Athletic & Activity Transportation Fee The Transportation fee will be assessed once a season starts and will become an obligation if it is not paid in full in a timely manner. Transportation fees may be paid via the Finance Office. The Transportation Fee is not part of any individual team sport fees.



Project Lead the Way (PLTW)

Biomedical Sciences Pathway

Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today's biomedical science professionals are tackling big challenges to make the world a better place. PLTW Biomedical Science students are taking on these same real-world challenges – and they're doing it before they even graduate from high school. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

7689 Principles of Biomedical Sci- Honors. Prerequisite: None Open to Grades 9, 10, Students explore biology concepts through the study of human diseases. Students determine the factors that led to the death of fictional person & investigate lifestyle choices & medical treatments. The activities & projects introduce students to human physiology, medicine, and research processes.

7530 Human Body Systems-Honors

Prerequisite: Complete course #7689 Open to grades 10, 11, 12

Students examine the interactions of human body systems as they explore identity, power, movement, protection & homeostasis. Students design experiments, investigate the structures & function of the human body & use data software to monitor body functions such as muscle movement, reflex & voluntary action & respiration.

7757 Medical Interventions- Honors

Prerequisite: Complete Course # 7530 Open to grades 11, 12

Students investigate a variety of interventions involved in the prevention, diagnosis & treatment of disease as they follow the life of a fictitious family. Students explore how to prevent and fight infection, screen & evaluate the code in human DNA; prevent, diagnose & treat cancer; and prevail when the organs of the body begin to fail.

Engineering Pathway

7748 Intro to Engineering Design (IED) Open to Grades 9, 10, 11

This course teaches problem-solving skills using a design development process for products. Models of product solutions are created, analyzed, and communicated using 3D solid modeling computer design software.

7754 Principles of Engineering (POE)

Prerequisite: Intro to Engineering (IED) Open to grades 10, 11, 12

This course helps students understand the field of engineering/ engineering technology. Fundamental principles of engineering are discussed with hands-on experience in building machines using programming similar to C++ in preparation of the mechanical & civil engineering disciplines.

7749 Civil Engineering &Architecture (CEA) Open to grades 11, 12

The major focus of this course is completing long-term projects that involve the development of property residential & commercial properties using 3D architectural design software.

7760 Engineering Design & Development (EDD)

Open to grades 11, 12

This capstone course allows students to design a solution to a technical problem of their choosing. This is an engineering research course in which student will work in teams to research, design, test and construct a solution to an open-ended engineering problem.

Computer Science

7699 Computer Science Essentials

Open to Grades 9-12

This course will introduce the systems development process to students. Topics covered include the development life cycle, development models, specifications and requirements, working in development teams, use of versions, and diagramming processes using flowcharts and Unified Modeling Language.

4667 AP Computer Science Principles

Open to Grades 10-12

This course provides students with the fundamental knowledge of computer programming for solving applied problems. Topics covered include using various programming languages, protocols, language syntax, data structures, object oriented concepts, interfaces, sorting and searching algorithms, and developing reports. Also covered, software testing, debugging, and improvement, integrated development using object-oriented programming and sensory information from robots to solve problems and meet challenges integrating STEM subjects.

4524 AP Computer Science A

Open to Grades 11, 12

Teacher signature strongly recommended

This course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. Students apply discrete programming skills to make a video game, a virtual pet, a sound editor, etc. and will explore careers in programming, including wireless applications for iPhone, Android, and applications. It also includes the study of data structures, design, and abstraction. Other topics might include developing databases and data modeling.

Science

7620 Biology CP

(UC/CSU and NCAA acceptable)

Prerequisite: Concurrent enrollment in Math I or higher.

Open to grades 9, 10, 11, 12

Biology is a laboratory, college- prep course that deals with the fundamental principles of cell biology, genetics, evolution and ecology in alignment to the Next Generation Science Standards. The course develops laboratory skills and the scientific processes of observation, comparison, communication analysis, and evaluation. The rationale of the course is to equip students with the skills and knowledge of biology that will prepare them not only for college, but also for making informed decisions about issues that relate to biology that they encounter in their daily life. There is also an emphasis on developing values and attitudes that promote student's personal involvement in issues affecting the environment and our society.

7621 Biology Honors

(UC/CSU and NCAA acceptable)

Prerequisite: Math I Plus or higher

Open to grades 9

Honors Biology covers the unique properties of living organisms. The presentation of molecular and cellular processes provides the background for understanding concepts of genetics. Concepts of microbiology, multi-cellular plants and animals, and human biology are presented. The concepts and principals are covered in greater depth than regular biology.

7622 AP Biology

(UC/CSU and NCAA acceptable)

Prerequisite: B or better in Biology

Open to grades 10, 11, 12

Advanced Placement Biology is a course that meets the objectives of a general biology course at the college level. It allows the opportunity for students to experience a college oriented course while still in high school. Students who successfully complete AP Biology have knowledge of the facts, principles, concepts and processes of biology. They have an understanding of the scientific method, and of science as a human endeavor with it social consequences. Heavy emphasis is placed on those areas that directly relate to the Advanced Placement exam. There is a summer assignment required (see instructor for information).

7630 Chemistry CP

(UC/CSU and NCAA acceptable)

Open to grades 10, 11, 12

Chemistry is the study of the composition, structure and inter- action of matter, and the energy involved in these relationships. Students use algebra skills in the interpretation of the basic concepts and processes of chemical reactions. Emphasis is placed on learning theory through the use of the laboratory, text assignments, and lecture-discussion sessions of real life applications.

7636 Chemistry CP ATA

(UC/CSU and NCAA acceptable)

Open to grades 10, 11, 12

The content of this course is the same as Chemistry CP, Course #7630, plus the focus on the goals of the ATA program.

7631 Chemistry Honors

(UC/CSU and NCAA acceptable)

Prerequisite: Concurrent enrollment in Math II Plus, Algebra II or higher is recommended

Open to grades 10, 11, 12

Honors Chemistry is a laboratory- based course designed to introduce the talented science student to the major topics of inorganic chemistry: atomic structure, periodicity, bonding, kinetics, thermo-chemistry, and equilibrium. Emphasis is placed on students developing the problem-solving skills necessary to be successful in a college science course.

7632 AP Chemistry

(UC/CSU and NCAA acceptable)

Open to grades 11, 12

Advanced Placement Chemistry is a course that meets the objectives of a general chemistry course at the college level. It allows the opportunity for students to experience a college- level course while still in high school. Students who successfully complete AP Chemistry will have developed a conceptual and mathematical understanding of the concepts and processes of chemistry. Heavy emphasis is placed on those areas that directly relate to the Advanced Placement exam. Laboratory experiments will be an integral part of the class.

7640 Physics CP

7646 Physics CP ATA

(UC/CSU and NCAA acceptable)

Prerequisite: Concurrent enrollment in Math II, Algebra II or higher or teacher approval

Open to grades 11, 12

Physics is a one-year course that surveys the major areas of physics intended to give college bound students the necessary edge for the physics and engineering courses they will be taking.

7732 AP Physics I

Open to grades 11, 12

This course is equivalent to a first- semester college course in algebra- based physics. The course covers Newtonian mechanics (including rotational dynamics & angular momentum); work, energy, and power, and mechanical waves & sound. It also introduces electric circuits. Students who successfully complete AP Physics 1 will have developed a conceptual, mathematical, and experimental- understanding of the concepts and processes of physics. Heavy emphasis placed on areas directly related to the AP exam.

7608 AP Environmental Science (UC/CSU and NCAA acceptable)

Open to grades 11, 12

Advanced Placement Environmental Science is a course that meets the objectives of an introductory college level course in environmental science. It allows the opportunity for students to experience a college level course while still in high school.

Students who successfully complete AP Environmental Science will have developed an understanding of the interrelationships of the natural world, including environmental problems. Laboratory experiments are an integral part of the class. Heavy emphasis is placed on those areas that directly relate to the Advanced Placement exam.

Social Science

8004 World History H

(UC/CSU and NCAA acceptable) Prerequisite: Advisor, 8th grade teacher recommendation and concurrent enrollment in English I H

Open to grade 9

World History Honors for ninth grade students is a specially designed course to prepare students for the Advanced Placement European History Course offered at the tenth-grade level. It will emphasize critical thinking and document research skills to prepare students for the Advanced Placement vertical progression. (Students enrolling in this course may complete Health during summer session.)

8003 World History/Geography CP (UC/CSU and NCAA acceptable) Prerequisite: None

Open to grade 10

In this course students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins with an introduction to current world issues and then continues with a focus on the expansion of the West and the growing interdependence of people and cultures throughout the world.

8015 World History/Geography CP ATA (UC/CSU and NCAA acceptable) Prerequisite: **Academy Enrollment**

Open to grade 10

The content of this course is the same as World History/Geography CP, Course #8003, plus a focus on the goals of the ATA program.

Social Science Distinguished Scholar

Students who successfully complete all five (5) of the Honors/AP vertical courses during their four (4) years at Gahr High

School will receive this special distinction.

Advanced Placement Psychology is available as an advanced elective for 11th & 12th grade students.

College Preparatory (CP) are courses that are highly academic, but not Honors. C.P. programs satisfy entrance requirements for colleges and universities. Within the College Prep arena, the Social Science Department fully supports the Art Technology Academy (ATA).

8090 AP European History (UC/CSU and NCAA acceptable) Prerequisite: An "A" or "B" in World History Honors, or an "A" in English I CP, "B" or better in English I Honors, or teacher approval

Open to grades 10, 11, 12

This is college level course in European history. Emphasis on a review of the general narrative of European history from the year 1450 until today, the study includes an examination of the political, diplomatic, intellectual, cultural, social, and economic history of Europe. A commitment to academic achievement and agreement to the time required of the course are essential for acceptance. A summer research project may be required. Those students taking the AP test and receiving a grade of 3, 4, or 5 will receive credit at most major universities.

8022 U.S. History/Geography CP (UC/CSU and NCAA acceptable) Prerequisite: None

Open to grade 11

Students will examine major turning points in American history during the twentieth century. Topics include: the expanding role of the federal courts; the continuing tension between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal right for racial minorities and women; and the role of the United States as a major world power. In each unit students should examine American culture, including religion, literature, art, drama, architecture, education, and the mass media.

8145 AP United States History (UC/CSU and NCAA acceptable) Prerequisite: An “A” in World History/Geography, an “A” or “B” in AP European History, or teacher approval Open to grade 11
The Advancement Placement U.S. History and Geography class follows the AP course outline and prepares students for the AP Exam in May. Preparing for this exam requires intense effort and emphasis on critical thinking and written communication. Essays and research projects play a major role. A commitment of academic achievement and agreement to the time required for the course is essential for acceptance. A summer research project may be required.

8056 US History CP ATA
(UC/CSU and NCAA acceptable) **Prerequisite: ATA Enrollment Open to grade 11**
The content of this course is the same as U.S. History/Geography CP, Course #8022, plus a focus on the goals of the ATA program.

8044 Civics /Economics CP
(Both are UC/CSU and NCAA acceptable)
Prerequisite: None Open to grade 12 In a one-semester course in civics, students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American government. In addition, they draw on their studies of American history and of other societies to compare different systems of government in the world today. This course is the culmination of the civics literacy strand that prepares students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities.

In a one-semester course in economics, students deepen their understanding of the economic problems and institutions of the nation and world in which they live. They learn to make reasoned decisions on economic issues as citizens, workers, consumers, business owners, managers, and members of civic groups. In this course students add to the economic understandings acquired in previous grades and apply tools (such as graphs, statistics, and equations) learned in other subject fields to their understanding of our economic system.

8069 Economics/Civics CP ATA (Both are UC/CSU and NCAA acceptable)
Prerequisite: ATA Enrollment Open to grade 12
In this one-semester Economics ATA course students participate in simulations and activities which help them to understand micro and macroeconomics. All activities require active participation, higher order thinking skills and essay writing. Portfolios will reflect growth and ATA project work.

In this one-semester Civics ATA course, students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American government. In addition, they draw on their studies of American history and of other societies to compare different systems of government in the world today. This course is the culmination of the civics literacy strand that prepares students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities. These courses are designed to be integrated with ATA art, English, and science.

8046 AP U.S. Government and Politics
(UC/CSU and NCAA acceptable)
Prerequisite: An “A” in US History, a “B” or better in AP US History or teacher recommendation Open to grade 12
This course is taught in concert with AP Microeconomics. The classes have a special schedule that allows for the taking of both tests at the end of the year. Students enrolled in this class are also enrolled in AP Microeconomics.

The AP government class follows the AP course outline in preparation for the AP exam. Advanced skills in the areas of reading and writing are necessary to meet the demands utilizes simulation activities in allowing

students to explore more deeply the problems that exist on the international playing field. Students will be required to attend at least one conference/simulation per semester.

This course prepares the student for the Advanced Placement Examination in Government and Politics.

A commitment to academic achievement and agreement to the time required of the course are essential for acceptance. A summer research project may be required

8144 AP Microeconomics

(UC/CSU and NCAA acceptable) Prerequisite: An “A” in US History, a “B” or better in AP US History and/or teacher recommendation Open to grade 12

This course is taught in concert with

AP U.S. Government & Politics. The classes have a special schedule that allows for the taking of both tests at the end of the year. Students enrolled in this class are also enrolled in AP U.S. Government & Politics.

The AP Microeconomics section of the class will follow the same outline as followed in the Economics class with special emphasis on preparing students for the AP Exam and college. A commitment to academic achievement and agreement to the time required for the course is essential for acceptance. A summer research project may be required.

8124 Modern History/Model United Nations (MUN) H

(UC/CSU and NCAA acceptable)

Prerequisite: Teacher or Department Chair Approval

Open to grades 9, 10, 11, 12

Modern History is a course on contemporary world issues in a variety of areas including economics, politics and social/ cultural conditions. An additional focus will be place on Model United Nations (MUN). MUN utilizes simulation activities in allowing students to explore more deeply.

8111 Student Government /ASB

Prerequisite: Elected or appointed students who meet academic and citizenship requirement.

Open to grades 9, 10, 11, 12

Leadership is a class open to all ASB officers, class presidents & vice- presidents. The students in the class form the ASB Student Council and conduct meetings, prepare and plan activities for the entire school, and represent the student body to the administration, staff and community. The students learn to work together and develop their leadership and organizational skills. This course is a social science elective for graduation.

8130 Psychology

(UC/CSU and NCAA acceptable)

Open to grades 11, 12

This one-year course is designed to examine the major areas of psychology by combine theory with a variety of practical applications related to student interest.

8129 AP Psychology

(UC/CSU and NCAA acceptable, receives extra honors points for UC/ CSU GPA computation for A-C grades)

Prerequisite: An “A” in previous CP English, a “B” in previous Honors English or teachers’ approval

Open to grades 11, 12

The Advanced Placement Psychology class follows the AP course outline in preparation for the Advance Placement exam. Advanced skills in the area of reading and writing are necessary to meet the demands of the class. This course prepares the student for the Advanced Placement Exam in Psychology.

Special Education

The Special Education Program includes:

RSP (Resource Specialist Program), SDC (Special Day Classes), Speech/ Language/Communication and other DIS (Designated Instructional Support.)

8750 Education to Careers (ETC)/ RSP

Prerequisite: Active IEP

Open to grades 9, 10, 11, 12

The Education to Careers Lab is designed for students who qualify for Special Education services. Students receive support based on their Individualized Education Program (IEP). Resource Specialists work in collaboration with General Education Teachers to assist students enrolled in the general education academic environment. Accommodations, services, additional time and coordinated services are all a part of a student's IEP and are provided to students in the ETC Lab and/ or General Education classroom. In addition to a service provision setting, the ETC Lab is a place for students to develop positive study habits and achieve academic success. Lastly, students who are enrolled in RSP/ ETC Lab may qualify for increased support through ETC Math 1 & 2 courses. ETC Math 1 (8696) & Math 2 (8695) courses expose students to state approved general ed. Math 1&2 curriculum in a more appropriate setting & more flexible pace.

7004 Basics to Life (BTL)/SDC

(Not UC/CSU approved)

Prerequisite: Active IEP

Open to grades 9, 10, 11, 12

The Special Day Class (SDC) program offers a high level of structure and support for students who qualify for Special Ed services. These classes emphasize basic skills within the core curriculum. Students receive Special Ed. support for a portion of their school day with the educational specialist. BTL courses are designed to provide individualized instruction for the students in all areas of the district's core curriculum and state standards.

World Languages

2128 Filipino I 2051 French I 2071 Japanese I 2038 Korean I 2101 Spanish I

(UC/CSU & NCAA acceptable)

Open to Grades 9, 10, 11, 12

This is an introductory proficiency-based course. Through intensive listening & speaking practice, the student is trained to comprehend and communicate at an elementary level through the four fundamental skills of listening, speaking, reading, and writing. Grammar and culture are introduced. This course is not offered to native or heritage speakers.

2030 Filipino II 2052 French II 2072 Japanese II 2039 Korean II 2102 Spanish II

(UC/CSU & NCAA acceptable)

Prerequisite: A “C” or better in level I or teacher recommendation

Open to Grades 9, 10, 11, 12

This course is designed to increase the student’s proficiency with appropriate aural-oral activities. Emphasis is placed on increasing the student’s active vocabulary, comprehension, and communicative ability through the four fundamental skills of listening, speaking, reading, and writing. Grammar and culture are integrated into the content.

2097 Spanish II Honors

(UC/CSU & NCAA acceptable)

Prerequisite: Teacher recommendation

Open to Grades 9, 10, 11, 12

Through a literature-based curriculum, the student refines language skills in listening, speaking, reading, and writing while broadening cultural awareness and increasing appreciation and knowledge of the culture. Expanding the knowledge of heritage speakers’ vocabulary is a major goal of this class. Geography, history, literature, and the arts of the various countries are studied. This course is conducted in the target language.

2132 Filipino III 2053 French III 2073 Japanese III 2040 Korean III 2103 Spanish III

(UC/CSU & NCAA acceptable)

Prerequisite: A “C” or better in level II or teacher recommendation

Open to Grades 9, 10, 11, 12

This course is designed to strengthen the student’s proficiency. Grammatical structures introduced in the first two years are reviewed, and new structures are introduced through appropriate aural-oral activities. Emphasis is placed on increasing the student’s active vocabulary, the refinement of the student’s comprehension and communicative ability, reading, and writing. Culture and customs are expanded through the introduction of literature, history, and fine arts. This course is conducted in the target language.

2107 Spanish III Honors 2035 Korean III Honors 2133 Filipino III Honors

(UC/CSU & NCAA acceptable)

(All receive an extra honors point for UC/CSU GPA computation)

Prerequisite: A “C” or better in level II/II Honors or teacher recommendation

Open to Grades 9, 10, 11, 12

This advanced course is designed to strengthen the student’s proficiency by reviewing and introducing grammatical structures through appropriate aural-oral activities. Emphasis is placed on increasing the heritage speakers’ active vocabulary, the refinement of the student’s comprehension and communicative ability, and proficiency in reading and writing. Culture and customs are expanded through the introduction of literature, history, and fine arts. This course is conducted in the target language.

2134 Filipino IV 2054 French IV 2041 Korean IV 2104 Spanish IV 2074 Japanese IV

(UC/CSU & NCAA acceptable)

Prerequisite: A “C” or better in level III or teacher recommendation

Open to Grades 9, 10, 11, 12

This course is designed to refine the student's comprehension and communication skills. Grammatical structures from level three are reviewed, and those structures not previously introduced are learned. Emphasis is placed on increasing the student's active vocabulary, and strengthening the student's proficiency in listening, speaking, reading, and writing. Literature, history, and fine arts are explored through individual as well as group projects. This course is conducted in the target language.

2015 Korean IV Honors 2011

(UC/CSU & NCAA acceptable)

(All receive an extra honors point for UC/CSU GPA computation.)

Prerequisite: A "B" or better in level III and teacher recommendation

Open to Grades 9, 10, 11, 12

This advanced course is designed to strengthen the student's proficiency by reviewing and introducing grammatical structures through appropriate aural-oral activities. Emphasis is placed on increasing the student's active vocabulary, the refinement of the student's comprehension and communicative ability, and proficiency in reading and writing. Culture is expanded through the introduction of literature, history, and fine arts. This course is conducted in the target language.

2008 Korean V Honors

(UC/CSU & NCAA acceptable)

Prerequisite: A "B" or better in level IV and teacher recommendation

Open to Grades 9, 10, 11, 12

This course is designed to refine the student's skills and to work towards mastery of the target language. Emphasis is placed on the continued study of advanced literary selections, advanced grammatical topics, and culture. This course is conducted in the target language.

2055 AP French Language

2136 AP Japanese Language

2105 AP Spanish Language

Course receives an extra honors point for UC/CSU GPA computation)

(UC/CSU & NCAA acceptable)

Prerequisite: A "C" or better in level III/III Honors or teacher recommendation

Open to Grades 9, 10, 11, 12

This is a college level course taken the fourth year of language study. It is designed to prepare students to communicate proficiently in the language while also giving them an overall grasp of the cultures across a variety of topics. Students are provided with the opportunity to demonstrate their proficiency in the three modes of communication: interpersonal, presentation, and interpretive. Students who enroll in this course should have a good command of grammar and competence in writing, reading, listening and speaking.

Other

7502 Health

9th Grade Requirement

Open to grades 10 – 12 (Original credit only)

This course covers the nine content domains which students encounter in their exploration of health as identified by the California Framework for Health. The nine content domains are personal health; consumer and community health; injury prevention and safety; individual growth and development; tobacco, alcohol, and other drugs; nutrition; communicable and chronic diseases; family living; and environmental health. The State of California requires parent permission to take Sex Education. Sex Education includes lessons in marriage and parenthood, the beginning of the life cycle, the reproductive system, pregnancy and birth, abstinence, birth control, and sexually transmitted diseases, including AIDS/HIV education.

This course is offered 1st semester.

8100 Futures

9th Grade

Freshman Success is a one-semester class designed to ease student's transition to high school and provide them with basic skills and strategies needed to be successful in high school coursework. These include writing, inquiry, collaboration, organization, and reading. College and career exploration will be covered throughout the semester. AVID strategies will also be taught throughout the semester.

This course is offered 2nd semester.

5010 Library Tech

Prerequisite: 2.5 GPA, excellent attendance, good citizenship, typing skills, and filing skill approval of library staff.

Open to grades 11, 12

Students work in a computerized library/media environment performing typical tasks such as checking books in and out, preparation of overdue notices, reading shelves, shelving books and magazines, processing periodicals, delivering and setting up AV-TV equipment, and assisting in the textbook room. Grades are issued as Credit/No Credit.

5030 Office Aide

Prerequisite: 2.5 GPA, excellent attendance, good citizenship, approval of Advisor & office staff.

Open to grades 11, 12

Students perform as aides in a variety of education office occupations. Students are trained in the procedures and skills required for entry-level office jobs in schools. They perform such tasks as typing, sorting, filing, and answering telephones. Grades are issued as Credit/No Credit.

9998 Teacher Aide

Prerequisite: 2.5 GPA, excellent attendance, good citizenship, teacher & Advisor approval

Open to grades 11, 12

Students assist teachers in classroom clerical tasks. Grades are issued as Credit/No Credit.

Visual and Performing Arts

1500 Art I

(UC/CSU acceptable)

Prerequisite: None

Open to grades 9, 10, 11, 12

Students develop skills in drawing and painting using a variety of techniques and learn how to express their ideas while being inspired by artists, cultures & social issues. This course is recommended for any student who wants to enter the field of art, or who wants the experience for pure enjoyment. It is recommended, but not required, for entrance into ATA. A suggested donation of \$20 will supplement the learning experience.

1501 Art II

(UC/CSU acceptable)

Prerequisite: A "C" or better in Art I or comparable class

Open to grades 10, 11, 12

Designed for those students interested in furthering their art experience in the various liquid media and combinations of media for desired effects. New art techniques are explored in watercolor, pen and ink, charcoal, fabric and mixed media. A suggested donation of \$20 will supplement the learning experience.

1502 Art III

Prerequisite: Art I & II

Open to grades 11, 12 or teacher approval

Designed for students who would like to continue developing drawing & painting skills by using acrylic, tempera water color, as well as ink, graphite & markers to create a portfolio of work. A suggested donation of \$20 will supplement the learning experience.

1533 AP Art History

(UC/CSU acceptable)

Prerequisite: A "B" or better in previous Social Science or English classes

Open to grades 10, 11, 12

This advanced placement offering in the history of art is designed to provide an introductory college course in art history: an understanding and enjoyment of architecture, sculpture, painting, and other forms within the context of culture & historical events. In this course, students examine major forms of artistic expression from the past and the present. Students will be able to analyze works of art critically, with intelligence and sensitivity, and be able to examine artistic movements from the perspective of historical time periods. The course also compares Western Art with other global cultures.

7022 Fashion Design

Open to grades 9, 10, 11, 12

Students learn how to design and create clothing, use traditional and mechanical techniques of sewing and pattern making through the use of various materials & fabrics, and also research and develop trends that recycle throughout history. Discover fashion & merchandise careers. A suggested donation of \$20 will supplement the learning experience.

1555 Art/Technology ATA

(UC/CSU acceptable)

Open to Prerequisite: A "C" or better in Art I and/or teacher approval w/ portfolio submission Open to grade 10

Sophomore ATA is an introductory course that explores modern technological art practices in the areas of Graphic Design, Animation, Fashion Design & Fine Arts. Students do the majority of their work on the computer using programs such as photoshop, illustrator, iMovie, etc. Basic drawing skills will be explored.

1556 Integrated Art Methods ATA

(UC/CSU acceptable)

Prerequisite: ATA Enrollment Open to grade 11

Integrated Art Methods is an overview of the careers in art as they relate to the ATA focus areas of Graphic Design, Film/Animation, Photo & Fashion. Students also continue to develop fine arts skills learned in Sophomore ATA. Juniors explore various careers through their "roadtripnation.org" assignment.

1565 Advanced Art Methods Prerequisite: ATA Enrollment in 11th grade

Open to grade 12

Students develop a portfolio and complete specialized projects that integrate and expand their knowledge of design, artistic techniques, and technology applications. Focus areas include film/photo, graphic design, or fashion design. A community service project is required, participation in annual Art Expo and internship opportunities are available.

1550 Beginning 3D Art

(UC/CSU acceptable)

Prerequisite: None Open to grades 11, 12

Students design and create three-dimensional and two-dimensional works of art using a variety of materials, including clay, wire, fibers, paper, found/recycled materials and tape. Basic design and technical skills are developed with each media, while students explore historical and cultural ideas, personal expression and demonstrate design principles. A suggested donation of \$30 will supplement the learning experience.

1538 AP 2-D Art and Design

(UC/CSU acceptable)

Prerequisite: Art II and/or teacher approval

Open to grades 11, 12

The advanced placement course in studio art is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that AP work involves significantly more commitment and accomplishment than the typical high school course and the program is not for the casually interested. Portfolios are submitted in May for evaluation by the College Board. A suggested donation will supplement the learning experience.

1600 Fine Art/Yearbook Prerequisite: Completion of written application, minimum 3.0 GPA and teacher's approval Open to grades 10, 11, 12

Yearbook Staff is a class that creates, produces, sells, and distributes the schools' yearbook. Developed skills in photography, Photo Shop or in design are desired, but not required. Students are held accountable for daily attendance and for participation in events outside of class such as athletic activities and games, rallies, and drama or band performances at lunch or after school. Scheduled editing time after school is also required.

1650 Drama (UC/CSU acceptable)

Open to grades 9, 10, 11, 12

This is a course for students interested in developing their dramatic talents. Students learn the techniques of theater through self-discovery, performing, exploring, and working with others. The first part of the course is devoted to non-verbal communication, awareness of self and others, basic action and acting techniques, elementary stage movement, and vocal control. The second half of the course is devoted to developing interpretive ability, the study and development of characterization, and heightening creativity and imagination. Students of Drama are introduced to all aspects of theater including theatre history. Students must attend four theatre performances during the year. There is a project which involves the use of

technology. Students are expected to bring a journal to class. Costumes & props are necessary for some assignments.

1651 Theater Lab

(UC/CSU acceptable)

Prerequisite: A "C" or better in Drama

Open to grades 10, 11, 12

Theater Lab is a performance participation class open to advanced drama students. The standards, procedures, and disciplines for this class require a high degree of commitment. Students are involved in all aspects of theater through work in school productions and class assignments. Emphasis is on advanced acting techniques, characterization, theater discipline, and a deeper understanding of theater. Students are expected to critique four theater performances. There is a project which involves the use of technology. Students are required to bring costumes & props throughout the year.

1649 Theater Lab II

(UC/CSU acceptable)

Prerequisite: A "C" or better in Theater Lab I

Open to grades 11, 12

Students will learn specialized vocabulary and explore set design, lighting design and costume design. Students will reflect on design elements found in school and outside productions with design analysis and critiques. Students will learn practical application by working on productions. In the second semester, students will explore mood, color, application and perspective. Problem solving, leadership and working well under pressure are stressed. Students are expected to critique four theatrical performances. Students must provide costumes & props.

1648 Theater Lab III

(UC/CSU acceptable)

Prerequisite: A "C" or better in Theater Lab II

Open to grade 12

Students will further explore their knowledge of theatre vocabulary through discussions, readings and through observation of and written reflections on the design elements of theatrical productions, both on campus and off. Students will research theatrical design, period considerations and the connection to culture and society. Students will have the opportunity to design costumes and sets after reading and analyzing scripts. Students will create designs using professional design formats and standards. Students are expected to critique four theatrical performances.

1652 Stagecraft

(UC/CSU acceptable) **Prerequisite: Drama Teacher approval**

Open to grades 10, 11, 12

Imagine a theatrical production, next remove the actors, everything else is stagecraft. In this class, students will utilize their abilities and learn new skills through hands-on training. Stagecraft is a collaborative art form where you will be empowered to make decisions with a team and create seasonal productions you'll be proud of. The physical tasks range from mild to moderate and on occasion students work with power tools and paint. Students learn everything from how to sew a button to constructing a riser.

7126 Theatre Musical Production Open to Grade 9, 10, 11, 12

This course exposes students to theatrical experiences with musical elements in order to develop artistic choices, problem solving, positive self-concepts, & strengthening interpersonal skills. Students will review theatrical terms & foundations, introduce history of the musical. Performances & concepts will be tied into the application of acting musical roles & a small class musical play.

Instrumental Music Program

1720 Marching Band Prerequisite: Gahr Athletic Packet Completion. Summer Band Camp attendance. Must be enrolled

in one of the following classes: Course. # 1692, #1656, #1725 or #6014.

Admissions by teacher approval. Open to grades 9, 10, 11, 12

This course is required to be in the Instrumental Music Program.

The Gahr Marching Gladiators are an award-winning marching band that travels and competes throughout Southern California. The Marching Band is a 7th period class offered for the Fall semester. The band performs at football games, field tournaments, pep rallies, and parades. Rehearsals and performances outside of the class time are required. During Band Camp, students learn basics and fundamentals necessary for our competitive field show. There is a suggested program donation of \$325 to cover major items such as instructional staff, equipment, instruments, uniforms, production costs, entry fees, and transportation. Students must be enrolled in Marching Band to participate in other ensembles.

1692 Concert Band

(UC/CSU acceptable)

Prerequisite: Athletic packet, must be enrolled in Marching Band #1720. Admission by teacher approval

Open to grades 9, 10, 11, 12

The Concert Band is focused on the developing musician. All students in the Concert Band must possess basic playing proficiency. Students receive an overview of music theory and develop the technical skills needed to advance into the Wind Ensemble. During the fall semester, the Concert Band works on marching band music. During the spring semester, students learn concert literature and participate in several concerts and festivals. Concert Band combines once a week concert band percussionists. Students must be enrolled in the Marching Band fall semester.

1656 Wind Ensemble

(UC/CSU Acceptable)

Prerequisite: Athletic Packet, must be enrolled in Marching Band # 1720. Admission by audition & teacher approval Open to grades 10, 11, 12

The Wind Ensemble is an audition- only performing ensemble that focuses on the advanced musician. Past membership in the ensemble does not guarantee a spot the following year. Students study advanced music theory, ear training, and fine tune technical skills needed to perform advanced literature. During the fall semester, the Wind Ensemble works in class on marching band music. During the spring semester, students learn concert literature and participate in several concerts and festivals. The Wind Ensemble combines once a week with Wind Ensemble percussionists. Students must be enrolled in the Marching Band fall semester.

1724 Band Drum

Yearlong

Music--Instrumental (Performance-based) courses typically cover topics such as the proper technique for posture, holding and playing an instrument, reading sheet music, scales and arpeggios. Music--Instrumental courses present students with an opportunity to demonstrate their learning through performances.

1725 Band Drum (Percussion Ensemble)

(UC/CSU acceptable) Prerequisite: Athletic packet, must be enrolled in Marching Band #1720.

Yearlong

Admission by audition and teacher approval Open to grades 9, 10, 11, 12 Percussion Ensemble offers students a well-rounded approach to learning percussion instruments in order to develop general musicianship. Students further their percussion technique and skills, playing a variety of percussion instruments including mallets, pitched and non-pitched percussion, and auxiliary instruments. Students audition in May/June for positions in the battery or front ensemble for the fall field show. During first semester, the class focuses on the marching band music. During second semester, students are auditioned and assigned to perform with the Concert Band or Wind Ensemble. Percussionists have 1 rehearsal per week that combines with their respective group. Students must be enrolled in the Marching Band fall semester.

6014 Color Guard

(UC/CSU)

Prerequisite: Athletic Packet, must be enrolled in Marching Band #1720. Admission by audition & teacher approval Open to grades 9, 10, 11, 12

Color Guard is a year-long performance group. Students develop technical ability and skills using equipment that includes flags, sabers, and rifles, as well as dance and other interpretive movement. Students audition in May/ June for positions in the Color Guard. During the fall season, the Color Guard performs with the marching band. During second semester, the group learns their own show and performs at indoor Winter Guard competitions. Students must be enrolled in the Marching Band fall semester.

1684 Jazz Ensemble

(UC/CSU) Prerequisite: Must be enrolled in Marching Band #1720. Admission by audition & teacher approval Open to grades 9, 10, 11, 12

The Jazz Ensemble is a performance oriented ensemble designed for serious, dedicated musicians by audition only. Students get a “real- world” experience playing challenging music, and reintroduced to a wide array of music including big band, swing, bebop, Latin, funk, and rock. Students complete the course with a higher level of performance skills and musical knowledge. The Jazz Band performs at pep rallies, basketball games, concerts, festivals, and community events. The Jazz Band rehearses zero period every day. Students must be enrolled in the Marching Band fall semester.

CREDIT RECOVERY - EDMENTUM

Edmentum: This program is designed to help students who are deficient in credits. Students that qualify must first meet with their academic advisor in order to be enrolled in the program. Upon approval students, will register for their assigned course in room 401. Students must complete a total of three hours per week towards their assigned class. A student that does not meet the three-hour requirement per week may be dropped from the program. Students have a total of 18 weeks to complete the as- signed course. Lab hours are: Monday - Thursday from 3:00pm – 4:30pm (Students are expected to also spend time outside of the lab hours in order to complete course in the timeframe.

Plato Courseware is a standards-based online learning program grounded in a tradition of solid research, sound pedagogy, and applied innovation. It provides a rigorous, relevant curriculum that challenges students with a 21st century approach - engaging them with interactive, media-rich content. The program provides direct instruction while teachers facilitate student progress.

Plato Courseware provides courses in a wide range of core subjects, electives, and world language (Spanish). Courses consist of integrated assessments; including exceptive pretests that allow learners to forgo content they have already mastered and focus on the concepts that need additional work. Course-level assessments also include tests for each course module to ensure concept mastery.

Effective Online Courses to Achieve Real Results

- ~ Rigorous courses, proven to improve student achievement
- ~ Interactive, media-rich content actively engages students
- ~ Aligned to Common Core and state standards
- ~ Award-winning courseware proven by third-party research and studies
- ~ High-quality content for supplemental learning, credit recovery, unit recovery and extended