

# COURSE CATALOG

Including Collegiate and Career Pathways  
2019-2020



HOME OF THE BULLDOGS  
**UNIVERSITY**  
SCHOOLS  
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## Introduction

University High School has developed requirements students must meet in order to receive a diploma from UHS. Students request courses from this catalog during the registration process. Courses are scheduled based on student requests.

Our diploma represents high expectations in terms of academics and character. We want students to possess skills that will help them perform well as adults, to acquire a clear, well-formed understanding of the world and to have a passion for learning. We also want students to possess a sense of responsibility for others. Our graduation requirements were developed with this in mind.

University High School students choose a pathway to guide them toward high school graduation. Some pathways place an emphasis on an area of strong interest. The Liberal Arts pathway follows a more general course of study. The goal of each pathway is to develop and graduate young people who are ready for college, careers and citizenship.

## Course Fees

Students who have been approved for the Free or Reduced Lunch Program may qualify to have their course fees waived or reduced. Pending budget approval, course fees may be reduced or eliminated. Advanced Placement (AP) exams fees may also be adjusted. See the Business Office for more information.

## Organization for Learning

The high school is organized into three trimesters and utilizes a rotating block schedule with eight ninety-minute periods. Mondays and Wednesdays are designated as "Day 1" and Tuesdays and Thursdays are designated as "Day 2." Fridays alternate – see the school calendar for each specific Friday designation.

### Schedule

<b>High School Schedule</b>			
	<b>Mondays</b>		<b>Tuesday-Friday</b>
Block 0	6:40 – 7:30	Block 0	6:40 – 7:30
Block 1	7:35 – 9:05	Block 1/6	7:35 – 9:05
Block 2	9:10 – 10:40	Advisor	9:10 – 9:40
Lunch	10:40 – 11:30	Block 2/7	9:45 – 11:15
Block 3	11:30 – 1:00	Lunch	11:15 – 12:05
Block 4	1:05 – 2:35	Block 3/8	12:05 – 1:35
		Block 4/9	1:40 – 3:10

### Advisor/Advisee Program

The Advisor/Advisee Program is a key feature of University High School. Each student spends four years with one advisor and advisee group. Advisors serve as student advocates and guide students in selecting courses and completing graduation requirements.

Advising groups meet on Tuesday through Friday. Advising enables students to develop a sense of community, build lines of communication, obtain academic coaching, complete required Individual Career and Academic Plan (ICAP) and document completion of required community service, job shadows, internship, and senior project.

**Attendance is required.**

### Community Service

The community service experience enables students to develop skills and personal qualities by making a positive contribution to the school and/or broader community. **The student must complete at least fifty (50) hours of service.** To foster interdependence and social responsibility, students are encouraged to continue with community service activities after the completion of the minimum fifty (50) hours. The student will receive 0.33 credits for each fifty hours up to one hundred fifty (150) hours for maximum credit of 1.0. Community service forms must be completed and are available on the school website.

**Community service is required for graduation.**

### Internship

An internship provides the student with an opportunity to explore career interests through on-the-job training. **The student must complete at least fifty (50) hours of internship.** Internship forms that must be completed are available on the school website. The student will receive 0.33 credits for each fifty (50) hours up to one hundred fifty (150) hours for maximum credit of 1.0.

**Internship is required for graduation.**

### Portfolio

Portfolios document completion of graduation requirements and the student's Individual Career and Academic Plan (ICAP) as well as other accomplishments. **A portfolio is required for graduation.**

### Senior Project

The senior project measures high school performance and learning beyond grades and test scores. The purpose of the Senior Project is to give students a chance to choose an area of study, to combine different disciplines, to explore new avenues in a productive manner, and, at the same time, to help others and contribute to the

community. Each student needs to address a challenging issue that will stretch his/her intellectual and personal growth. The senior project is intended to be the culmination of a quality high school education. The required project forms are available on the school website. **Senior Project is required for graduation.**

### Job Shadows

The purpose of the shadowing experience is to explore careers through observation and self-reflection. Students will select shadowing experiences based on their personal interests and talents, with guidance from the advisor. Job shadow forms that must be completed are available on the school website. A student must complete the equivalent of three (3) one-half (1/2) days of shadowing in three (3) distinctly different settings or jobs. **Job shadows are required for graduation.**

A common sequence is to complete community service freshman year, job shadows sophomore year, and internship junior year. These activities may be completed during the summer and holiday breaks.

## **Graduation Credit Requirements**

University High School offers a rigorous and comprehensive program. Graduation requirements reflect a commitment to high standards. (see pp. 9-20) The number of credits required for graduation varies based on the pathway chosen by the student. The following guidelines are recommended in order to graduate within four years:

- By the end of Freshman year, students should have earned at least 7.5 credits.
- By the end of Sophomore year, students should have earned at least 15 credits.
- By the end of Junior year, students should have earned at least 22.5 credits.

It is also recommended that students work closely with their advisor to complete the additional graduation requirements which include Community Service, Job Shadows, Internship, Senior Project, Portfolio and, in some cases, Pathway Exploration.

## **Changing Schedules**

Freshmen and sophomores are expected to remain in eight classes each trimester. Study Hall may count for one of these classes. Or in extenuating circumstances, with parent permission, freshmen and sophomores may have an open block. Juniors making adequate progress

toward graduation may reduce their schedule to seven classes each trimester, and seniors may take six. Schedule changes that result in fewer classes must be approved by the counselor and principal.

Students are advised to make responsible selections of courses based upon input from parents, advisor, and teachers prior to registration for the next school year and are expected to remain in those courses. Occasionally there is a valid reason for dropping a course, such as:

1. Student does not have the prerequisite for the course.
2. The class interferes with a student's Aims or UNC schedule.
3. The student is overextended.
4. The student has already had the course.

Changes to a student's schedule should be carefully considered and will only be granted on a space-available basis. Classes may only be added or dropped before the fifth day of each trimester.

### Drop/Add Procedures for Students

1. Consult with the parent and advisor about the value and feasibility of the proposed change.
2. Schedule change request forms must be submitted no later than 3:15 p.m. on the 3rd day of the new trimester.
3. Counselors will email students regarding their request no later than 4:00 p.m. on the fourth day of the new trimester.
4. Students wishing to drop a class must continue to attend the class until paperwork is completed.

### Dropped Class Grading

In the event a student drops or is dropped from a class, the following grading policy will apply:

1. If a student drops a class before the third class meeting of the trimester, there will be no entry reflected on the report card or transcript.
2. If a student receives permission from the principal to drop a class after the third day of class, a "WF" or "WP" will be recorded on the report card and transcript. A failing grade will be recorded as a WF on the transcript and will be counted in the GPA. A passing grade will be recorded as a WP on the transcript and will not be counted in the GPA.
3. If a student is dropped from a class at any time for disciplinary reasons, an "F" will be recorded on the report card and transcript, and the grade will be included in the GPA.
4. Dropping a class may affect athletic/activities eligibility.

## Credit Recovery

If a student fails one or more classes required for graduation, the student must make up that credit through the University Schools Credit Recovery program. Students may choose to do this after school hours during the academic year or during summer school or during study hall.

The credit recovery program uses online content with an online teacher. University Schools provides a mentor who monitors the student's progress and supports student learning. Credit recovery courses cost \$200 per each .33 credit course.

A maximum of 2.0 recovered credits may be applied to a student's high school transcript.

Families may arrange a payment plan to spread the cost over time if necessary. For more information about the credit recovery program, please contact the school counselor.

## Credit for College Classes

Students are encouraged to enroll in college classes at Aims or UNC. Parents/guardians are responsible for payment of tuition and fees for classes taken by students unless the student applies for and is granted assistance through one of the three different options described below: Concurrent Enrollment, Career Academy, Dual Enrollment.

### Definitions:

**Concurrent Enrollment** - Concurrent Enrollment is defined as pre-approved coursework taken by high school students on a college campus which allows students to earn high school and college credit. In addition, students may only take Concurrent Enrollment classes that differ from what University High School offers through high school coursework and Dual Enrollment options. If University High School offers a similar course, students must take it at the high school.

**Career Academy** - Career Academy includes programs designed to prepare students for both college and careers. These programs link students with peers, teachers, and community partners in a structured environment that fosters academic success. The career academy concept has three key elements: a small learning community, a college-prep sequential curriculum with a career theme, and an advisory board that forges partnerships with employers, higher education institutions, and the community.

**Dual Enrollment** - Dual Enrollment is defined as pre-approved college coursework taken by high school (H.S.) students at their current H.S., earning both H.S. and college credit while staying at the H.S. campus. Courses are taught by H.S. faculty, however the curriculum belongs to the higher learning institution.

High School Credit for College Classes - (classes taken on college campus)

Credit will transfer as follows:

- 4-credit college class equals .4 credit;
- 3-credit college class equals .3 credit;
- 2-credit college class equals .2 credit;
- 1-credit college class equals .1 credit.

Exception: The Colorado Commission on Higher Education's Higher Education Admission Requirements (HEAR) accept the following courses as equivalent to one year of H.S. math. UH students will earn 1.0 credit for each of these courses, if taken at AIMS or UNC:

- MAT 055 Algebraic Literacy (HEAR comparable to third year of H.S. math)
- MAT 120 Mathematics for the Liberal Arts
- MAT 121 College Algebra
- MAT 201 Calculus I
- MAT 202 Calculus II

Three-credit college level math classes at the 100 level or above will be awarded credit proportionally at .75 credits per class.

In addition, students will earn 1.0 credit for the following college level coursework in the Foreign Language Department if the course is not offered at UH:

- AIMS: courses numbered 111, 112, 211, 212
- UNC: courses numbered 101, 102, 201, 202

For dual enrollment classes taken on the H.S. campus, students will earn .33 H.S. credits per trimester.

### Procedures:

#### **Concurrent Enrollment**

The State of Colorado provides several options for high school students to begin college early. Students enrolled in the 9th–12th grades, who demonstrate academic preparedness, are eligible for the concurrent enrollment program. Students may apply to have their tuition paid for under this program. Students enrolled in 12th grade may enroll in remedial courses if approved by the school. If a high school student is retained for instructional purposes in 12th grade, he/she may not enroll in more than 9 college credits during the repeated year. To enroll at an eligible postsecondary institution, a student must have

completed the minimum course prerequisites and all required assessments. Tuition for summer courses are not covered under Concurrent Enrollment; however, the student can choose to receive high school credit for summer courses.

### **Process for participating in the Concurrent Enrollment Program**

- Meet with the high school guidance counselors to obtain a *Concurrent Enrollment Packet* and verify that the courses will count toward high school graduation. Turn in the completed forms to the high school counselors by the deadlines (May 15 for Fall Semester classes or November 15 for Spring Semester classes). Students must submit new paperwork for each semester they plan to enroll in concurrent enrollment.
- Student must apply and be accepted into the institution of higher education. Student can apply via online only. Also, specific courses, typically Math and English, require the student to meet certain SAT, ACT, or Accuplacer scores to be enrolled. Please see the counselors for more information and placement scores.
- Adding, dropping or changing a course requires approval from the high school principal. All changes must be approved prior to the Add/Drop date at the college or university. Failure to complete the change form by the designated date means tuition payment will be the responsibility of the student/parent/guardian.
- All tuition costs will be paid in advance by the school at the beginning of each semester for ALL students participating in Concurrent Enrollment (excluding student fees, differential costs, books, etc.). If the student does not pass with a "C" or higher or withdraws from the course, the student and parent/guardian are required to reimburse the school for the tuition. Failure to attend class will result in failure of the course and will result in an "F" on the student's permanent college transcript.
- The maximum allowable tuition payment by University Schools is six (6.0) credit hours each semester for approved coursework. Student/Parent/Guardian will be responsible for additional tuition for credits beyond 6.0 in which the student opts to enroll.
- The school will only pay tuition equal to the tuition rate at Aims Community College. If a student is attending an institution where the tuition rate exceeds that amount, it will be the responsibility of

the student/parent/guardian to pay the remaining difference.

- In compliance with the Family Educational Rights and Privacy Act (FERPA) of 1974, the student gives permission to the above noted college to report absences, disciplinary issues, and the release of grades, transcripts, in progress grades and class schedules, as available, to the high school for the courses enrolled under the Concurrent Enrollment Program.
- ALL students must submit official transcripts, showing their final grade, to the high school counselor within 2 weeks after the completion of class. Students may obtain these documents from the college/university website by using their login information.

**Questions regarding Aims Community College, please call 970-330-8008.**

**Questions regarding University of Northern Colorado, please call 970-351-2881.**

### **Career Academy**

Career Academy is a program in which juniors and seniors can get career training in programs such as automotive service technology, collision repair, customer service, graphic design, leadership, med prep, audio and radio production, and welding. Students may apply for one of a limited number of Career Academy scholarships which covers all costs, including lab fees and books. This program is very selective and competitive. Students who are selected and want to continue the program for a consecutive year must reapply for the scholarship to receive financial assistance from University Schools.

### **Applicants must meet the following requirements BEFORE applying:**

- Must be classified as a high school junior or senior at the start of the Career Academy class.
- Must have a GPA of 3.0 or higher for the trimester preceding application.
- The student's attendance must be fewer than 5 absent days (excused or unexcused) during preceding trimester.
- Med Prep and Automotive applicants must take the Accuplacer Reading assessment. (Attach test results.)
  - o Med Prep students need an Accuplacer Reading score of 62. Med Prep students with ACT Reading score of 17 or SAT Evidence-Based Reading & Writing score of 470 do not need to take the Accuplacer.

- o Automotive students need an Accuplacer Reading score of 60. Automotive students with an ACT Reading score of 17 or SAT Evidence-Based Reading & Writing score of 470 do not need to take the Accuplacer.
- Students will need to verify the ability to transport themselves to the college.
- Choose the Career Academy in which you are interested.
- Financial need will be considered if Free and Reduced approval letter is attached.

### Dual Enrollment

Dual Enrollment courses are taught on University High School's campus, by University High School instructors, but the curriculum belongs to the higher learning institutions (as designated). Students earn high school credit, as well as college credit for the following courses:

- ACC 101 Fundamentals of Accounting (also Accounting Honors)
- BUS 115 Introduction to Business
- ENG 121 English Composition I
- ENG 122 English Composition II
- MAN 216 Principles of Marketing
- MAN 226 Principles of Management
- MAT 121 College Algebra
- MAT 201 Calculus I (also AP Calculus)
- SOC 101 Introduction to Sociology I
- SOC 102 Introduction to Sociology II

### Process for participating in the Dual Enrollment Program

- Meet with the high school guidance counselors to obtain a *Concurrent Enrollment Packet* and verify that the courses will count toward high school graduation. Turn in the completed forms to the high school counselors by the deadlines (May 15 for Fall Semester classes or October 15 for Spring Semester classes). Students must submit new paperwork for each semester they plan to enroll in dual enrollment. There is no limit to the number of dual enrollment courses that a student may take.
- Student must apply and be accepted into the institution of higher education. Student can apply via online only. Also, specific courses, typically Math and English, require the student to meet certain GPA grades, SAT, ACT, or Accuplacer scores to be enrolled. Please see the counselors for more information and placement scores.

- Adding, dropping or changing a course requires approval from the high school principal. All changes must be approved prior to the Add/Drop date at the college or university. Failure to complete the change form by the designated date means tuition payment will be the responsibility of the student/parent/guardian.
- All tuition costs will be paid in advance by the school at the beginning of each semester for ALL students participating in Dual Enrollment (excluding student fees, differential costs, books, etc.). If the student does not pass with a "C" or higher or withdraws from the course, the student and parent/guardian are required to reimburse the school for the tuition. Failure to attend class will result in failure of the course and will result in an "F" on the student's permanent college transcript.
- ALL students must submit official transcripts, showing their final grade, to the high school counselor within 2 weeks after the completion of class. Students may obtain these documents from the college/university website by using their login information.

### Credit for Team Sports

Students may earn the following credit through team sports:

**1.0 credit:** A student may earn a full Carnegie Unit for team sports if he/she participates in and completes twelve (12) sport seasons. Students need to document their participation each year and respective coaches will need to verify participation.

**0.66 credit:** A student will need to complete eight (8) sport seasons of participation.

**0.33 credit:** A student will need to complete four (4) sport seasons of participation.

See the high school counselor for more information about recording credit for team sports.

### Early Graduation

A student may graduate early provided the following conditions are met:

1. The student has attended UHS at least one full year prior to applying for early graduation.
2. The student has satisfactorily met all graduation requirements.
3. The student requests early graduation in writing to the principal stating the reasons for the request and what the student plans to do after graduating early. Written parent, advisor and counselor consent must be included in the

application. Approval of the request will depend upon the student having a viable alternative and a reasonable post-graduation plan.

The student is encouraged to participate in commencement exercises in the spring of the year he or she graduates.

## Grades

Students receive a traditional 4.0 scale of A, B, C, D, or F grade along with a narrative of the student's progress. Advanced Placement courses are weighted on the 5 point scale and honors are weighted on a 4.5 scale. Modified courses are on a 3.5 scale.

Students have the option of receiving grades other than the traditional A, B, C, D, or F-system. These would include a Satisfactory/ Unsatisfactory (S/U), and Credit/No credit (NC). If a student requests grades other than the traditional format, she/he must complete a form and have it signed by the teacher and submitted to the Students Services Office by the fifth class period.

Students on suspension may make up course work so that the student will continue to benefit from the learning. Not all missed work can be made up, i.e. oral participation grades, pop quizzes, etc. The teacher will decide if makeup work will be counted for credit.

### Failed Classes

See Credit Recovery on page 4.

### Incomplete Grades

A student who has not completed grade requirements by the end of the trimester due to illness or other excused absence will be given a grade of Incomplete upon approval by the principal. A grade of "I" must be cleared no later than two weeks after the end of the grading period. After two weeks, the "I" will automatically change to an "F". Any exceptions to these deadlines must have the approval of the principal. An "I" must be considered as a failing grade for CHSAA eligibility purposes.

### Grade Changes

Grade changes should only occur in exceptional cases and need to be approved by the principal.

## Independent Study (Grades 10-12 only)

Independent study will be approved only if the course is not currently being offered or the student is unable to take a course as scheduled. The

course should make educational sense for the student and should enrich his/her educational program. Credit will be granted upon completion of agreed requirements, submission of appropriate documentation of course work and hours, and a final evaluation. Independent study will count toward eligibility for participation in athletic activities. The class will be checked on the weekly eligibility sheet for progress and a passing grade.

To enroll in an independent study course:

1. Consult with advisor as to the feasibility of the proposal.
2. Secure an Independent Study Enrollment Application from the Student Services Office.
3. Work with the supervising teacher to prepare a detailed proposal which must include:
  - a written outline with course objectives
  - expectations for the student
  - course requirements and assignments
  - a timeline with meeting dates and times
4. Secure the signature/approval of the principal and return the form to the Student Services Office before the trimester begins.
5. The student should proceed only after final approval has been granted by the principal.

## Course Requirements for Athletes

An athlete must be a full-time student during the trimester he/she is participating in athletics. An athlete must meet eligibility rules on a trimester basis in order to be eligible. An athlete must pass the equivalent of 1.65 credits (5 classes) in the trimester prior to the season of participation. For example, to be eligible for the Winter Season, the athlete must have passed the equivalent of 1.65 credits in the Fall trimester. A student must pass 1.65 credits in the Spring trimester to be eligible to participate in a sport the following Fall Season.

Advisor, Study Hall, and Student Council cannot be counted toward eligibility. Classroom Aide can only be counted toward eligibility if it is taken for a grade and not for community service or internship. Students taking classes at UNC or Aims should consult with the Activities Director to ensure classes will count toward full-time status.

The Activities Director will conduct Eligibility Checks every week. A point system is utilized to determine weekly eligibility. Athletes receive 2 points for any class in which they are failing and 1 point for any class in which they are near failing (D). Athletes who have earned 4 points or who are not passing a minimum of 1.65 credits will be ineligible for competition for a minimum of one week until the next eligibility check is completed. (Coaches may have stricter rules if they wish.)

## **NCAA**

Students considering participation in Division I or II college athletics need to be certified by the NCAA Eligibility Center in order to compete. Please note the following designations before course titles in order to responsibly choose classes that will meet the NCAA certification guidelines.

\*NCAA approved course

<sub>np</sub>NCAA approval pending

Online courses may not be NCAA-approved. This includes courses taken through our Credit Recovery program or courses taken in place of one of our NCAA approved courses. Students are responsible for selecting classes that are NCAA approved.

## **Advanced Placement Courses**

College Board must approve Advanced Placement courses before the term "AP" can be included on a student's transcript.

‡College Board approved course

<sub>cp</sub>College Board approval pending

**Graduation requirements and procedures are under constant review. Changes may be made at any time.**

# **LIBERAL ARTS PATHWAY DIPLOMA**

Graduation Requirements for a University High School Diploma: **29.0 credits**

## **English**

### **4.0 Credits**

Freshman English (1.0)  
Contemporary Voices: Sophomore English or AP English Language (1.0)  
Junior English or AP English Language or AP English Literature (1.0)  
Senior English or AP English Literature (1.0)

## **Social Studies**

### **3.33 Credits**

American Government (.33)  
Geography (.66)  
American History or AP American History (1.0)  
World History or AP European History (1.0)  
Economics (.33) or AP Economics (1.0) or High School of Business 1 – Principles of Business and Business Economics Honors (.66)

## **Science**

### **3.0 Credits**

Conceptual Physics (.33)  
Earth Systems (.33)  
Biology Concepts (.33)

Additional 2.0 credit as decided upon by parent, advisor, and student.

## **Mathematics**

### **4.0 credits**

Coursework is determined by student need.

## **Fine Arts**

### **1.0 Credit**

At least one trimester (.33 credit) must be in visual arts.

## **World Language**

### **2.0 credits** of same language

Students may enroll in a language of their choice. Students who plan to attend a four-year college should plan to take three years of the same language.

## **Career and Technical Education**

### **1.0 Credit**

Computer Applications (.33)  
Career Exploration (.33)

Additional .33 credit as decided upon by parent, advisor and student.

## **Wellness**

### **.66 Credit**

Introduction to Health and Wellness (.33)  
.33 additional credit in a P.E. class. (The course catalog indicates if a class fulfills this requirement.)

## **Interdisciplinary Courses**

### **.66 Credit**

## **Internship**

### **.33 Credit**

50 clock hours must be logged to receive .33 credit.  
Students are allowed to log 150 hours and earn 1.0 credit.

## **Community Service**

### **.33 Credit**

50 clock hours must be logged to receive .33 credit.  
Students are allowed to log 150 hours and earn 1.0 credit.

**Special Projects Required to Graduate**

3 half-days of Job Shadows experience  
Senior Project  
ICAP Portfolio

**Recommendations for Students Who Plan to Apply to a  
Four-year College or University**

4 years of English (composition & literature highly recommended)

4 years of Math (Algebra I and higher)

3 years of Social Science (American History, World History &  
Geography/American Government)

3 years of Science

2-3 years of the same World Language

Revised 12/12/2017

## **ARTS AND HUMANITIES PATHWAY DIPLOMA**

Graduation Requirements for a Diploma with an Emphasis in Arts and Humanities Careers (If an AP Course is not offered at the time a student needs, the student may apply to take the equivalent class at a college under Concurrent Enrollment.)

### **English**

#### **4.0 Credits**

Freshman English (1.0)  
Contemporary Voices: Sophomore English or AP English Language (1.0)  
Junior English or AP English Language or AP English Literature (1.0)  
Senior English or AP English Literature (1.0)

### **Mathematics**

#### **4.0 Credits**

Students and their advisors will schedule the mathematics courses that are level appropriate. Students applying to four-year colleges should plan to complete Precalculus.

### **Science**

#### **3.0 Credits**

Conceptual Physics (.33)  
Earth Systems (.33)  
Biology Concepts (.33)

Additional 2.0 credit as decided upon by parent, advisor, and student

### **Social Studies**

#### **3.66 Credits**

American Government (.33)  
Global Geography (.66)  
American History or AP American History (1.0)  
World History or AP European History (1.0)  
Economics (.33) or AP Economics (1.0) or High School of Business 1 – Principles of Business and Business Economics Honors (.66)

Additional .33 credits in social studies coursework as decided upon by parent, advisor and student.

### **Career and Technical Education**

#### **1.0 Credit**

Computer Applications (.33)  
Career Exploration (.33)

Additional .33 credit as decided upon by parent, advisor and student.

### **Fine Arts**

#### **4.66 Credit**

Visual Arts Emphasis  
Introduction to Art (.33)  
Drawing and Painting 1 (.33)  
Drawing and Painting 2 (.33)  
Advanced Drawing and Painting (1.0)  
Ceramics 1 (.33)  
Ceramics 2 (.33)  
Advanced Ceramics (1.0)  
AP Studio Art 2D Design, Drawing, or  
3D Design (1.0)

#### **4.33 Credit**

Performing Arts Emphasis  
Introduction to Art (.33)  
Additional 4.0 credits in Band,  
Choir or Theatre (4.0)

### **World Language**

#### **2.0 Credits** of the same language

Students may enroll in a language of their choice. Students who plan to attend a four-year college should plan to take three years of the same language.

**Wellness**

**1.0 Credit**

First Aid/CPR (.33)  
Introduction to Health and Wellness (.33)

Additional .33 credit in a P.E. class. (The course catalog indicates if a course fulfills this requirement.)

**Interdisciplinary**

**.66 Credit**

Interdisciplinary coursework as decided upon by parent, advisor and student. Yearbook is highly recommended to gain experience with graphic and photo software.

**Advising**

**2.4 Credit**

**Total Credits** – The student must earn at least 29.0 credits for this pathway diploma.

**Job Shadows** – All students must complete 3 one-half day shadowing experiences. One experience must be in an ***Arts-related*** field.

**Community Service** – 50 hours must be logged to receive .33 credit.

**Internship** – 50 hours in an ***Arts-related*** field must be logged to receive .33 credit.

**Pathway Exploration** – Additional 50 hours in an ***Arts-related*** field must be logged to receive .33 credit. This may be completed through additional shadowing, community service, or internship. Evidence of participation in an instrumental, vocal or theatrical performance is required for the pathway with a performing arts emphasis and will count toward the 50 hours of Pathway Exploration.

**Portfolio** – The ICAP portfolio is required for this pathway diploma.

**Senior Project** – A senior project is required for this pathway diploma.

**Sample Careers for Arts and Humanities Pathway**

**Visual Arts**

- Art Educator
- Art Investment Consultant
- Art Restoration/Preservation
- Art Therapist
- Book Illustrator
- Car Body Designer
- Fashion Designer
- Film Animator
- Graphic Designer
- Interior Designer
- Museum Curator
- Photographer
- Product Designer
- Professional Artist
- Storyboard Artist
- Video Game Designer

**Performing Arts**

- Actor
- Casting Director
- Director
- Make-Up Artist
- Movie Producer
- Musical Composer
- Music Producer
- Music Video Producer
- Musician
- Musicologist
- Orchestra Conductor
- Playwright
- Recording Engineer
- Technical Director
- Theatre Arts Educator
- Vocal/Instrumental Educator

Revised 12/12/17

# **BUSINESS PATHWAY DIPLOMA**

Graduation Requirements for a Diploma with an Emphasis in Business Careers (If an AP Course is not offered at the time the student needs, the student may apply to take the equivalent class at a college under Concurrent Enrollment.)

## **PRE-PATHWAY COURSE WORK**

### **English**

#### **4.0 Credits**

Freshman English (1.0)  
Contemporary Voices: Sophomore English or AP English Language (1.0)  
Junior English or AP English Language or AP English Literature (1.0)  
Senior English or AP English Literature (1.0)

### **Mathematics**

#### **5.0 Credits**

4 years up to and including Precalculus or above and Accounting

### **Social Studies**

#### **3.66 Credits**

American Government (.33)  
Geography (.66)  
  
American History or AP American History (1.0)  
World History or AP European History (1.0)  
Economics (.33) or AP Economics (1.0) or High School of Business 1 - Principles of Business and Business Economics Honors (.66)

#### **Additional .33 from Social Studies electives:**

Psychology (.33)  
Sociology (1.0)  
Current Events (.33)  
AP Human Geography (1.0)

### **Science**

#### **3.0 Credits**

Conceptual Physics (.33)  
Biology Concepts (.33)  
Earth Systems (.33)

Additional 2.0 Science credit as decided upon by parent, advisor, and student.  
Students going to a four-year college should enroll in Chemistry and/or Physics.

### **Career and Technical Education – Business**

#### **4.0 Credits**

Career Exploration (.33)  
Computer Applications (.33)  
High School of Business™ 1: Principles of Business and Business Economics Honors (.66)  
High School of Business™ 2: Principles of Management and Marketing Honors (.66)  
High School of Business™ 3: Principles of Finance and Business Strategies (.66)

#### **Additional 1.33 from Business Elective**

Desktop Publishing (.33)  
Hospitality and Tourism (.33)  
Information Systems (.33)  
Leadership (.33)  
Life Management (.33)  
Sports and Entertainment Industry (.33)  
Wealth Management (.33)  
Web Site Design (.33)

**Fine Arts**

**1.0 Credit**

At least 1 trimester (.33 credit) must be in visual arts.

**World Languages**

**2.0 Credits** of the same language

Students may enroll in a language of their choice. Students who plan to attend a four-year college should plan to take three years of the same language.

**Wellness**

**.66 Credits**

Introduction to Health and Wellness (.33)

.33 additional credit in a P.E. class (The course catalog indicates if a class fulfills this requirement.)

**Interdisciplinary**

**.66 Credits**

Law and Legal (.33)

Additional .33 Interdisciplinary credit as decided upon by parent, advisor, and student.

**Advising**

**2.4 Credits**

**Total Credits** – The student must earn at least 29.4 credits for this pathway diploma.

**Job Shadows** – All students must complete 3 one-half day shadowing experiences. One experience must be in a ***business-related*** field.

**Community Service** – 50 hours must be logged to receive .33 credit.

**Internship** – 50 hours in a ***business-related*** field must be logged to receive .33 credit.

**Portfolio** – The ICAP portfolio is required for this pathway diploma.

**Senior Project** – A senior project is required for this pathway diploma.

## Sample Careers for Business Pathway

### **ENTRY LEVEL:** High School Diploma

- Customer Service Representative
- Mail Clerk
- Receptionist
- Records Clerk
- Teller

### **BUSINESS, ASSOCIATE DEGREE:** Technical College or Community College Degree

- Accounting Clerk
- Bookkeeper
- Data-entry Operator
- Desktop Publisher
- Information Processing Specialist
- Marketing Assistant
- Processing Clerk
- Public Relations Specialist
- Secretary
- Transcriptionist

### **BUSINESS, BACHELOR'S DEGREE:** Four Year College or University Degree and Beyond

- Administrative Manager
- Analyst
- Auditor
- Banker
- CPA/Accountant
- Database Manager
- Economist
- Entrepreneur
- Event Planner
- Financial Advisor
- Hotel Manager
- Human Resources Manager
- Information Systems Manager
- Insurance Agent
- International Sales Manager
- Loan Officer
- Office Manager
- Product Development
- Real Estate Agent
- Restaurant Manager
- Retail Manager
- Sports Manager
- Stockbroker
- Tax Preparer

# **ENGINEERING, SCIENCES AND MATHEMATICS** **PATHWAY DIPLOMA**

Graduation Requirements for a Diploma with an Emphasis in Engineering, Sciences and Mathematics Careers (If an AP Course is not offered at the time the student needs, the student may apply to take the equivalent class at a college under Concurrent Enrollment.)

## **English**

### **4.0 Credits**

Freshman English (1.0)  
Contemporary Voices: Sophomore English or AP English Language (1.0)  
Junior English or AP English Language or AP English Literature (1.0)  
Senior English or AP English Literature (1.0)

## **Mathematics**

### **4.0 Credits**

Geometry or Geometry Honors (1.0)  
Algebra II or Algebra II Honors (1.0)  
Precalculus or Precalculus Honors (1.0)  
AP Calculus (1.0)

## **Science**

### **5.0 Credits**

#### **EMPHASIS IN MATH AND SCIENCE**

Conceptual Physics (.33)  
Biology Concepts (.33)  
Earth Systems (.33)  
Introduction to Engineering (1.0)  
AP Chemistry or AP Physics (1.0)  
Additional 2.0 credits in science coursework as decided upon by parent, advisor, and student.

#### **EMPHASIS IN ENGINEERING**

Conceptual Physics (.33)  
Biology Concepts (.33)  
Earth Systems (.33)  
Introduction to Engineering (1.0)  
Physics (1.0)  
AP Chemistry or AP Physics (1.0)  
(AP Physics strongly recommended.)  
Additional 1.0 credit in science coursework as decided upon by parent advisor and student.

## **Social Studies**

### **3.33 Credits**

Geography (.66)  
American Government (.33)  
American History or AP American History (1.0)  
World History or AP European History (1.0)  
Economics (.33) or AP Economics (1.0) or High School of Business 1 – Principles of Business and Business Economics Honors (.66)

## **Fine Arts**

### **1.0 Credit**

At least one trimester (.33 credit) must be in visual arts.

## **Career and Technical Education**

### **1.0 Credit**

Computer Applications (.33)  
Career Exploration (.33)

Additional .33 credit as decided upon by parent, advisor and student.

**World Language**

**2.0 Credits of the same language**

Students may enroll in a language of their choice.  
Students who plan to attend a four-year college should plan to take three years of the same language.

**Wellness**

**1.0 Credit**

Introduction to Health and Wellness (.33)  
.33 additional credit in a P.E. class (The course catalog indicates if a class fulfills this requirement)  
.33 additional credit in Wellness classes as decided upon by parent, advisor, and student.

**Interdisciplinary**

**.66 Credit**

**Advising**

**2.4 Credit**

**Total Credits** – The student must earn at least 29 credits for this pathway diploma.

**Job Shadows** – All students must complete 3 one-half day shadowing experiences. One experience must be in an ***Engineering, Science, or Mathematics-related*** field.

**Community Service** – 50 hours must be logged to receive .33 credit

**Internship** – 50 hours in an Engineering, Science, or Mathematics-related field must be logged to receive .33 credit

**Pathway Exploration** – Additional 50 hours in an Engineering-, Science-, or Mathematics-related field must be logged to receive .33 credit. This may be completed through additional shadowing, community service, or internship.

**Portfolio** – The ICAP portfolio is required for this pathway diploma

**Senior Project** – A senior project is required for this pathway diploma

**Sample Careers for Engineering, Sciences, and Mathematics Pathway**

- Aerospace Engineer
- Architect
- Atmospheric Science
- Bio Tech Engineering
- Chemist
- Civil Engineer
- Computer Engineer
- Electrical Engineer
- Mechanical Engineer
- Structural Engineer
- Systems Analyst
- Teacher of Science or Math

# **HEALTH AND MEDICAL CAREERS PATHWAY DIPLOMA**

Graduation Requirements for a Diploma with an Emphasis in Health and Medical Careers (If an AP Course is not offered at the time the student needs, the student may apply to take the equivalent class at a college under Concurrent Enrollment.)

**Skilled Level** – Technical College or Community College Degree/Certificate

**Professional Level** – Four-year college/University Degree and beyond

## **English**

### **4.0 Credits**

Freshman English (1.0)

Contemporary Voices: Sophomore English or AP English Language (1.0)

Junior English or AP English Language or AP English Literature (1.0)

Senior English or AP English Literature (1.0)

## **Mathematics**

### **4.0 Credits**

#### **SKILLED**

4 years up to and including Algebra 2 or above

### **4.0 Credits**

#### **PROFESSIONAL**

4 years up to and including Precalculus or above

## **Science**

### **4.00 Credits**

#### **SKILLED**

Conceptual Physics (.33)

Earth Systems (.33)

Zoology (.33)

Biology Concepts (.33)

Genetics (.33)

Microbiology (.33)

Chemistry (1.0)

Human Anatomy (1.0)

### **5.00 Credits**

#### **PROFESSIONAL**

Conceptual Physics (.33)

Earth Systems (.33)

Zoology (.33)

Biology Concepts (.33)

Genetics (.33)

Microbiology (.33)

Chemistry (1.0)

Human Anatomy (1.0)

AP Chemistry (1.0)

## **Social Studies**

### **3.66 Credits**

American Government (.33)

Geography (.66)

American History or AP American History (1.0)

World History or AP European History (1.0)

Psychology (.33)

Economics (.33) or AP Economics (1.0) or High School of Business 1 –

Principles of Business and Business Economics Honors (.66)

## **Fine Arts**

### **1.0 Credit**

At least one trimester (.33 credit) must be in visual arts.

## **Career and Technical Education**

### **1.0 Credit**

Computer Applications (.33)

Career Exploration (.33)

Additional .33 credit as decided upon by parent, advisor and student.

## **World Language**

**SKILLED 2.0 Credits** of same language

**PROFESSIONAL 2.0 Credits** of same language; 3.0 Credits recommended

Students may enroll in a language of their choice. Students who plan to attend a four-year college should plan to take three years of the same language.

**Wellness**

**1.0 Credit**

First Aid/CPR (.33)

Introduction to Health and Wellness (.33)

.33 additional credit in a P.E. class (The course catalog indicates if a class fulfills this requirement)

**Interdisciplinary**

**.66 Credits**

**Advising**

**2.4 Credits**

**Total Credits** – The student must earn at least 29 credits for this pathway diploma.

**Job Shadows** – All students must complete 3 one-half day shadowing experiences. One experience must be in a ***Health And Medical-related*** field.

**Community Service** – 50 hours must be logged to receive .33 credit

**Internship** – 50 hours in a ***Health and Medical-related*** field must be logged to receive .33 credit

**Pathway Exploration** – Additional 50 hours in a ***Health and Medical-related*** field must be logged to receive .33 credit. This may be completed through additional shadowing, community service, or internship.

**Portfolio** – The ICAP portfolio is required for this pathway diploma

**Senior Project** – A senior project is required for this pathway diploma

## Sample Careers for Health and Medical Careers Pathway

### **ENTRY LEVEL:** High School Diploma

- Geriatric Care Assistant
- Home Health Aide
- Hospital Worker
- Orderly

### **SKILLED LEVEL:** Technical College or Community College Degree

- Dental Lab Technician
- Dental Assistant
- Dental Hygienist
- Emergency Medical Technician
- Licensed Practical Nurse
- Medical Office Manager
- Medical Records Technician
- Medical Lab Technician
- Medical Assistant
- Veterinarian Assistant
- X-Ray Technician

### **PROFESSIONAL LEVEL:** Four Year College or University Degree and Beyond

- Athletic Trainer
- Audiologist
- Chiropractor
- Dentist
- Dietitian/Nutritionist
- Doctor
- Medical Technologist
- Occupational Therapist
- Optometrist
- Pharmacist
- Physical Therapist
- Registered Nurse
- Speech Therapist
- Speech & Language Pathology
- Veterinarian



## ENGLISH 1000s

### **Academic Literacy and Composition - 9**

This reading and writing course is designed to help raise the competency level in reading and writing of incoming freshmen who are on an Individual Literacy Plan (ILP) or who scored below proficient level on state assessments in 7th grade or who are recommended by their 8th grade literacy teachers. A variety of sources (art, literature, film and music) and multiple teaching/learning strategies will be employed to guide students to become more motivated and to become more personally engaged with their own skill development in literacy. Students may only take Academic Literacy and Composition on a referral basis, through their current English teacher, special educator, or counselor. Elective credit will be awarded for this class. Exceptions for type of credit may be made for students on an individualized education plan (IEP).

*GRADE LEVEL: 9*

*FEES: \$0*

*PREREQUISITE: Teacher Recommendation*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Advanced Placement English Literature & Composition**

This is a study of literature which leads to possible university-level English credit by taking the College Board exam at the end of the year. Students will read a wide range of literature: poetry, prose and drama by both American and World authors in translation. Emphasis will focus on students' abilities to think creatively and analytically as they discuss literature and write numerous analytical/expository essays both in class and outside of class time. Recommended grade level is juniors or seniors with approval. Credit of .33 given at the end of each trimester. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

*GRADE LEVEL: 11-12*

*FEES: Students will purchase own books*

*PREREQUISITE: Application & Teacher Consent*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Advanced Placement English Language & Composition**

The Advanced Placement English Language and Composition course is designed by College Board to help students develop critical thinking and writing skills based on the study of grammar, syntax, linguistics and specific readings of non-fiction texts. Students will study language and grammar, read extensively, and write non-fiction and expository essays in order to clarify and enhance their critical thinking skills. A College Board sponsored exam administered in May, is an option for receiving university credit for this course. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

*GRADE LEVEL: 10-11*

*FEES: Must buy a reading text and grammar text.*

*PREREQUISITE: Application, Freshmen English, & Teacher Consent*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Contemporary Voices: Sophomore English**

This course will strengthen literacy skills through the study of contemporary world and American literature and discussion as well as extensive expository writing, literary analysis, creative writing and vocabulary building. This emphasis will develop and hone necessary literacy and writing skills to prepare students for college and career success. The literature studied will be the novel, poetry, drama and short and non-fiction.

*GRADE LEVEL: 10 (required)*

*FEES: \$0*

*PREREQUISITE: Freshmen English*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Contemporary Voices: Sophomore English Honors**

The purpose of Honors Studies in English is to offer motivated, capable, and interested students an opportunity to enrich their academic experience. This honors course is a more rigorous, in-depth approach to strengthening literacy skills and discussion as well as extensive expository writing, literary analysis, creative writing and vocabulary building. This emphasis will develop and hone literacy and writing skills to prepare students for college and beyond. The world and American literature studied will be the novel, poetry, drama and short and non-fiction.

GRADE LEVEL: 10

FEES: \$0

PREREQUISITE: Freshmen English, Application and Teacher Consent

CREDIT: 1.0

LENGTH: Year

### **\*Freshman English**

Students will identify and practice the criteria of effective oral and written communication. Students will develop reading, writing, and public speaking skills. Additional emphases will be on vocabulary development and critical thinking skills. Credit of .33 given at the end of each trimester.

GRADE LEVEL: 9 (required)

FEES: \$0

PREREQUISITE:

CREDIT: 1.0

LENGTH: Year

### **\*Freshman English - Honors**

The purpose of Honors Studies in English is to offer motivated, capable, and interested students an opportunity to enrich their academic experience. This course offers a more rigorous integrated study in reading, writing, listening, and speaking. To further develop the students' skills in the communication process, the following aspects of language arts will be emphasized: critical reading, literacy terminology and analysis, writing process, grammar and syntax, informative and persuasive speaking and group discussion.

GRADE LEVEL: 9

FEES: Students will produce a writer's handbook

PREREQUISITE: Application and teacher's consent

CREDIT: 1.0

LENGTH: Year

### **\*Junior English: Formal Composition and Poetry**

Students will examine and practice the craft of formal composition; read, analyze, assess, and write poetry in a variety of genres; explore history through poetry; and utilize analytical techniques to bring understanding to literature from around the world.

GRADE LEVEL: 11

FEES: \$0

PREREQUISITE: Freshmen English and Contemporary Voices: Sophomore English or AP Language

CREDIT: 1.0

LENGTH: Year

### **\*Junior English: Formal Composition, Modern Literature and Social Justice**

Students will read a variety of fiction and non-fiction texts with an emphasis on contemporary American authors. This class will incorporate research, discussion, synthesis, formal composition, close reading, and analytical skills. The literature component of the course will rotate on a yearly basis as determined by the faculty.

GRADE LEVEL: 11

FEES: \$0

PREREQUISITE: Freshmen English and Contemporary Voices: Sophomore English or AP Language

CREDIT: 1.0

LENGTH: Year

### **\*Junior English: Formal Composition, Native American Literature and Graphic Literature**

The formal composition emphasis will focus on research to support informative and persuasive essays and projects. The Native American cultures will be explored through a variety of literature types and popular culture. The graphic literature emphasis will develop visual and textual literacy through the examination of the

history of comics and a variety of graphic literature.

**GRADE LEVEL:** 11

**CREDIT:** 1.0

**FEES:** \$0

**LENGTH:** Year

**PREREQUISITE:** Freshmen English and Contemporary Voices: Sophomore English or AP Language

### **\*Latino-American Literature**

This literature course will focus on texts written by Latino-American authors. This student-centered course will use a variety of materials including art, music, film, fiction and non-fiction texts that will address themes related to the culture and contributions made by the Latino-American community. Students will be expected to read analytically, to think critically, and to write responsively about the literature.

**GRADE LEVEL:** 10-12

**CREDIT:** 0.33

**FEES:** \$0

**LENGTH:** Trimester

**PREREQUISITE:** Freshmen English

### **Resource Literacy 101 & 201**

Resource Literacy is a core replacement high school English class designed to meet the needs of students with IEPs who have English/Reading goals. Student learning will be structured to address individual reading and writing goals and may include: grammar, sentence structure, punctuation, capitalization, and paragraph structure. In addition, persuasive, explanatory, narrative and argumentative essays will be modeled and written by the students. Age appropriate literature will be read as a class, and individual level books will be read by individual students or with partners. Students may elect to take this class in addition to their core English class. These students will earn elective credit for the class. Freshmen will be placed in 101, and 201 is for sophomores, juniors and seniors.

**GRADE LEVEL:** 9-12

**CREDIT:** 1.0

**FEES:** \$0

**LENGTH:** Year

**PREREQUISITE:** Teacher Recommendation

### **\*Senior English Composition**

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course introduces students to research strategies and skills. This course includes a minimum of five compositions that stress purpose, audience, and persuasive/argumentative writing, including the University High School Senior Thesis. Proficiency in essay writing is required for a passing grade.

Students may earn 6 dual enrollment credits from Aims Community College (ENG 121, ENG 122). Students must have a C or better in ENG 121 before they will be admitted to ENG 122. This course is a statewide guaranteed transfer course GT-CO1.

**GRADE LEVEL:** 12

**CREDIT:** 1.0

**FEES:** \$0

**LENGTH:** Year

**PREREQUISITE:** 3 year long English courses (C or better) and 2.80 GPA or above or Accuplacer – SS 95+ or SAT Rdg/Wrtg – 470+ or ACT English – 18+.

### **\*Senior English: Research and Creative Writing in Literature**

Students will learn to utilize the tools and techniques of creative writing to produce short stories, poetry, memoir writing, autobiography, and dramas. Students will engage in daily in-class writing as well as produce formal pieces. Students will also read and discuss a variety of published pieces to study craft. Students will be encouraged to study aspects of their own lives in order to discover more about themselves through thoughtful observation, reflection and writing.

**GRADE LEVEL:** 12

**CREDIT:** 1.0

**FEES:** \$0

**LENGTH:** Year

**PREREQUISITE:** Junior English or AP Language or AP Literature

### **\*Senior English: Research and Gender Roles in Literature**

This course is a student-centered study of male and female roles in America through a variety of literature (the novel, poetry, drama and nonfiction), art, music, film and popular culture through thematic units, such as gender socialization, adolescence, relationships and romance, violence, beauty and appearance and other cultural norms concerning gender roles and expectations.

*GRADE LEVEL: 12*

*FEES: \$0*

*PREREQUISITE: Junior English*

*CREDIT: 1.0*

*LENGTH: Year*

### **1<sup>st</sup> Senior English: Research and the Study of Shakespeare**

In this course, students will explore Shakespeare's use of comedic elements to reveal the flaws and foibles of humanity in his comedies. We will examine the timeless political machinations revealed in his history plays. We will also read two of the tragedies in addition to Hamlet and reflect on the ways in which Shakespeare explores the human condition. Current and contemporary visions and versions of the Bard will also be examined, as we attempt to understand his timeless appeal.

*GRADE LEVEL: 12*

*FEES: \$0*

*PREREQUISITE: Junior English*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Shakespeare – The Comedy Plays**

In this course, students will explore Shakespeare's use of comedic elements to reveal the flaws and foibles of humanity. Students will look at the ways in which the Bard used cross gender and cross-dressing experiences to create comedic tensions and situations in which the battle of the sexes is played out.

*GRADE LEVEL: 10-12*

*FEES: \$10*

*PREREQUISITE: Freshmen English*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Shakespeare – The Tragedies**

In this course, students will read the plays aloud in class in order to understand and gain confidence in the use of the language of the Elizabethan era. We will read two of the tragedies in addition to Hamlet and reflect on the ways in which Shakespeare explores the human condition.

*GRADE LEVEL: 10-12*

*FEES: \$10*

*PREREQUISITE: Freshmen English*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Short Form Literature**

Students will read a variety of short form literature including but not limited to popular short stories, and essays written in the last century. Students will discuss and write about the literature as well.

*GRADE LEVEL: 10-12*

*FEES: \$0*

*PREREQUISITE: Freshmen English*

*CREDIT: 0.33*

*LENGTH: Trimester*

# SOCIAL STUDIES 2000s



## \*‡Advanced Placement American History

This course is for those college-bound students who have an interest and desire to know and understand in-depth the story of the creation of the country we call the USA. Good writing, reading, and study skills are needed as well as a willingness to work at a high level of intensity. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

GRADE LEVEL: 10-12

CREDIT: 1.00

FEES: \$0

LENGTH: Year

PREREQUISITE: Application and Teacher Recommendation

## \*‡Advanced Placement Economics Macro

Advanced Placement Economics is a rigorous yet rewarding examination of the fundamental principles that govern economic activities at both the level of the individual and the firm and also that of the aggregate economy. In addition to preparing a student for the Advanced Placement exam in macro economics, a major emphasis of this course will be on the development of critical thinking skills and the application of economic principles and methodologies in problem solving. Consequently, the course will incorporate a wide variety of activities including formal instruction in writing, debates, presentations, research projects, and problem solving competitions in addition to traditional lectures, exams and homework problems. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

GRADE LEVEL: 11-12

CREDIT: 1.00

FEES: Students will purchase workbook

LENGTH: Year

PREREQUISITE: Economics Recommended; Application and Teacher Recommendation

## \*‡Advanced Placement Human Geography

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to explore human social organization and its environmental consequences. Admission by application. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

GRADE LEVEL: 9-12

CREDIT: 1.00

FEES: \$0

LENGTH: Year

PREREQUISITE: C or better in previous trimester of Social Studies

## \*‡Advanced Placement Psychology

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

GRADE LEVEL: 10-12

CREDIT: 1.00

FEES: Students will purchase review book/option to purchase textbook

LENGTH: Year

PREREQUISITE: Advisor approval

### **\*‡Advanced Placement World History**

The Advanced Placement World History course focuses on developing students' understanding of world history from approximately 8000 BC to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods employed by historians when they study the past. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

*GRADE LEVEL: 11-12*

*CREDIT: 1.00*

*FEES: \$0*

*LENGTH: Year*

*PREREQUISITE: US History or AP US History*

### **\*American Government**

The course provides students with a basic understanding of civic life, politics and government. The course will help students understand their own government, other political systems, and relationships of government in world affairs. The course will help students understand rights and responsibilities expected of citizens. Activities will help students meet national and state standards for civics.

*GRADE LEVEL: 9 required*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

### **\*American History 1800-1865**

Students will have opportunities to learn about the development of the nation starting with manifest destiny through the Civil War. They will also study immigration patterns, political and social changes, and the conflict the country experienced during the Civil War. Activities will help students work toward meeting Colorado and national history standards.

*GRADE LEVEL: 10 required*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

### **\*American History 1865-1920**

Students will have opportunities to learn about the country's changes from reconstruction through the prosperity of the 1920s. They will also study new immigration patterns, political and social changes, and the expansion of the U.S. into a world power beginning in the 1890s and culminating with American participation in WWI. Activities will help students work toward meeting Colorado and national history standards.

*GRADE LEVEL: 10 required*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

### **\*American History 1920-1960**

Students will learn about the drastic social, political, and economic changes that occurred between WWI and the Cold War. This includes the Great Depression, WWII, and American involvement in foreign relations. Activities and projects will help students work toward meeting Colorado and national history standards.

*GRADE LEVEL: 10 required*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

### **\*The Civil War**

This course will teach students about the causes, fighting, and effects of the American Civil War. Special emphasis will be placed on importance of the Civil War to American history and the legacy of the Civil War on America today.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: 1st Trimester US History*

### **\*College Sociology**

This course examines the basic concepts, theories, and principles of sociology as well as human culture, social groups, and the social issues of age, gender, class, and race. We will also examine the social institutions and organizations from the micro and macro perspectives. This will emphasize issues of social change, demography, social movements, and conflicts and trend within education, religion, family, political, and economic structures.

Students may earn 6 dual enrollment credits from Aims Community College (SOC 101, SOC 102), and both are state guaranteed transfer courses. Students must have a C or better in SOC 101 before being admitted to SOC 102.

*GRADE LEVEL: 10-12*

*CREDIT: 1.0*

**FEES: Students will purchase own books**

*LENGTH: Year*

*PREREQUISITE: Mr. Tauber's signature*

### **\*Current Events**

There's no time to learn like the present. This class will focus its attention on local, national and international affairs. There will be daily readings and discussions on what impacts our lives as the events happen.

*GRADE LEVEL: 11-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE:*

### **\*Economics**

This course will present a framework used to study economics and personal financial literacy. In addition, the American economic system, other types of economic systems, their function and their effects around the world will be discussed. The course brings into focus microeconomics and macroeconomics and will assist the student in the processes of individual (personal financial literacy) and global decision-making.

*GRADE LEVEL: 12 required*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE:*

### **\*Global Conflicts of 20th Century: World War I & II**

Global Conflicts will examine the root causes and effects of World War I, II, and the Cold War. Students will learn about the social, economic and political causes as well as the conflicts themselves.

*GRADE LEVEL: 11-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: US or World History*

### **\*Global Geography**

Students will become familiar with all the different places in the world and understand that geography isn't the study of maps and borders, but the study of humans and their interaction with the environment. The study will involve population, culture, and industry and will culminate with an analysis of conflict in the world.

GRADE LEVEL: 9 required

FEES: \$0

PREREQUISITE:

CREDIT: 0.66

LENGTH: 2 Trimesters

### **\*Psychology**

This course will focus on concepts related to sensation and perception, learning and conditioning, life stage development, thinking processes, creativity, emotions and motivation, personality theories, abnormal behaviors, and treatments. Students will participate in discussions, research readings, demonstrations, limited experiments, and written and oral presentations.

GRADE LEVEL: 10-12

FEES: \$0

PREREQUISITE:

CREDIT: 0.33

LENGTH: Trimester

### **\*The Vietnam War & Beyond**

The Vietnam War era was one of the most tumultuous eras in American History. This course will examine the background, fighting, and consequences of the Vietnam War with particular emphasis on the legacy of the Vietnam conflict on Americans today. The course is designed to fill in the gaps not covered in traditional American History.

GRADE LEVEL: 10-12

FEES: \$0

PREREQUISITE: Trimesters 1 and 2 of American History

CREDIT: 0.33

LENGTH: Trimester

### **\*World History I: Ancient World/Medieval Europe**

This course will study the rise of ancient civilizations and explore the transition into the dominant Greek and Roman societies, the collapse of the Roman Empire, as well as the changing landscape of world religions. Students will also examine the wide-ranging effects of the Middle Ages on Europe, including feudalism, the rise of national monarchies, and cultural and religious conflicts. Activities will help students work toward meeting Colorado and national history standards.

GRADE LEVEL: 11 required

FEES: \$0

PREREQUISITE:

CREDIT: 0.33

LENGTH: Trimester

### **\*World History 2: Renaissance/Industrialization**

This course looks at how the relative cultural stagnation of the Middle Ages led to the flourishing Renaissance and clash of the Reformation, culminating in the French Revolution. Students will also explore the Industrial Revolution and the age of European expansion that laid the basis for contemporary world history. Activities will help students work toward meeting Colorado and national history standards.

GRADE LEVEL: 11 required

FEES: \$0

PREREQUISITE:

CREDIT: 0.33

LENGTH: Trimester

### **\*World History 3: Modern World**

This course explores topics including World War I and II, the Cold War, and scientific and technological developments that will help highlight the globalized and interconnected relationships forged in 19<sup>th</sup> and 20<sup>th</sup> centuries. Understanding of this period of world history provides the basis for coming to terms with both the present and future. Activities will help students work toward meeting Colorado and national history standards.

GRADE LEVEL: 11 required

FEES: \$0

PREREQUISITE:

CREDIT: 0.33

LENGTH: Trimester

# MATHEMATICS 3000s

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## Accounting Honors

Accounting will help students learn business math, which is needed in everyday life and is used in any type of career. The course will also help those students who need math credit and those that would like to explore the consumer and business side of math. An Accounting class is 95% math and 5% theory. Financial literacy is a need for students and a growing concern in society amongst teenagers. This course will cover accounting functions used in sole proprietorships and partnership businesses. The complete accounting cycle will be covered using simulations and Excel software.

Student may earn 3 dual enrollment credits from Aims Community College (ACC 101).

GRADE LEVEL: 10-12

FEES: \$0

PREREQUISITE: Algebra II

CREDIT: 1.0 Math

LENGTH: Year

## \*‡Advanced Placement Calculus

Calculus is a full-year course in elementary functions and introductory calculus. Students who successfully complete this course will be well-prepared to take the Advanced Placement Calculus AB in order to place themselves in a second semester calculus course when they enter college. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

Student may earn 5 dual enrollment credits from Aims Community College (MAT 201). Prerequisite for college credit: MAT 121 & MAT 122 (C or better), Accuplacer – CLM 80+, SAT Math 760+, or ACT Math 28+

GRADE LEVEL: 10-12

FEES: \$0

PREREQUISITE: Precalculus and Teacher Consent

CREDIT: 1.0

LENGTH: Year

## \*Algebra I

This course will focus on topics such as writing, solving and graphing equations and inequalities; writing, solving and graphing systems of equations and inequalities. Students will also work with multiple representations of linear and exponential functions with a review of exponents, which includes exponential growth and decay. Operations on polynomials will be studied along with factoring and solving, particularly with the quadratics. Transformations of quadratic equations and their graphs, and solving for zeros will be emphasized. Data and statistical analysis including measures of central tendencies, data displays and analysis will also be addressed in this course.

GRADE LEVEL: 9-12

FEES: \$0

PREREQUISITE:

CREDIT: 1.0

LENGTH: Year

## \*Algebra II

This class focuses on representation and modeling, algorithms, and reasoning and communication. Students will learn how to explore functions in more depth, deal with exponential functions, take quadratics to the next step, work with linear systems and matrices, work with logarithms and inverse functions, apply more knowledge to polynomial functions and their properties, identify circular functions, apply trigonometric function properties and work with conics. Probability and statistics will also be addressed.

GRADE LEVEL: 9-12

FEES: \$0 (Required TI82/83/83Plus/84 Graphing Calculator)

PREREQUISITE: Geometry, or Geometry Corequisite with Teacher's Consent

CREDIT: 1.0

LENGTH: Year

### **\*College Algebra**

Explores topics including intermediate algebra, equations, and inequalities, functions their graphs, exponential and logarithmic functions, linear and non-linear systems, selection of topics from among graphing of the conic sections, introduction to sequences and series permutations and combinations, binomial theorem theory of equations.

Student may earn 4 dual enrollment credits from Aims Community College (MAT 121), and it is a state guaranteed transfer course.

*GRADE LEVEL: 9-12*

*CREDIT: 1.0*

**FEES: \$0**

*LENGTH: Year*

*PREREQUISITE: Algebra II (C or better) and 2.70 GPA or above; Trig, Pre-Calculus or Calculus I (C or better) and 2.00 GPA or above or Accuplacer score of EAL85+ or ACT 19+ or SAT 500+*

### **\*Geometry**

This class focuses on geometric properties, spatial visualization, conjecture, and explanation. Students will learn how to find perimeter and area, graph equations, work with proofs, use problem solving techniques, deal with spatial visualization problems, identify the properties of triangles, work with trigonometry, apply similarity, apply polygon properties as well as circles and solids.

*GRADE LEVEL: 9-12*

*CREDIT: 1.0*

**FEES: \$0**

*LENGTH: Year*

*PREREQUISITE: Algebra I*

### **\*Honors Courses -- Geometry, Algebra II, Pre-Calculus**

Honors courses are intended for students with a passion for mathematics or mathematics related fields. The Honors courses ensure students bound for Advanced Placement Calculus are prepared. Entry level skills and work habits should be very strong for students considering an Honors level course. Students must be academically motivated, disciplined and eager for the content challenge. The course will entail rigorous journals and competitive tests challenging student mathematical abilities. Students are expected to perform above and beyond in all aspects of the course.

*GRADE LEVEL: 9-12*

*CREDIT: 1.0 Math*

**FEES: \$0 (TI83/83Plus/84/84Plus Graphing Calculator Required)**

*LENGTH: Year*

*PREREQUISITE: Teacher Consent*

### **Individualized Math Program (IMP)**

This course is designed as an intervention for students who are struggling in their mainstream math class. It is not meant to replace a math course, but to accompany the course and allow the student extra time and tutoring to succeed. Students will use part of the class period to finish homework and journals. All other time will be spent on the ALEKS web-based mathematics program, which will be used to help students hone previous skills and fill in gaps in knowledge.

Students may only take IMP on a referral basis, through their current math teacher, special educator, or counselor. Elective credit will be awarded for this class. Exceptions for type of credit may be made for students on an individualized education plan.

*GRADE LEVEL: 9-12*

*CREDIT: Variable*

**FEES: \$0**

*LENGTH: Variable*

*PREREQUISITE: Concurrent enrollment in other math class, referral from math teacher, special educator or counselor.*

### **\*Precalculus**

This discipline combines many of the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus and strengthens their conceptual understanding of problems and mathematical reasoning in solving problems. This class takes a functional point of view toward those topics. Algebra, combined with a course in trigonometry, makes a year-long Precalculus course.

*GRADE LEVEL: 9-12*

**FEES: \$0 (TI84 Graphing Calculator Required)**

*PREREQUISITE: Algebra 2*

*CREDIT: 1.0*

*LENGTH: Year*

### **Resource Math**

This class is a core replacement high school math class designed to meet the needs of students who have an IEP with math goals. Student learning will be individualized to address their math goals. Some students may elect to take this class to support them in their core math class. These students will earn elective credit for the class.

*GRADE LEVEL: 9-12*

**FEES: \$0**

*PREREQUISITE: Teacher Recommendation*

*CREDIT: 1.0*

*LENGTH: Year*

### **Senior Math Topics**

Senior Math Topics is a problem-solving math course. Students investigate applications of Algebra, Geometry, and Statistics & Data Analysis in real-life situations. Academic, professional, and personal mathematical practices are explored. Strategic thinking skills are developed as students analyze situations, use their conceptual skills, and reach appropriate solutions. Online research, facilitated discussions, and group presentations encourage students to share and extend their understanding of the role of mathematics in the world.

*GRADE LEVEL: 12*

**FEES: \$0**

*PREREQUISITE: 3 years of math*

*CREDIT: 1.0*

*LENGTH: Year*

# SCIENCE 4000s



## \*‡Advanced Placement Chemistry

AP chemistry is a full-year course in advanced general chemistry. Students who successfully complete this course will be well-prepared to take the Advanced Placement Chemistry test in order to place themselves in a second semester chemistry course when they enter college. Students will complete advanced labs using more advanced analytical equipment. Students must earn a “C” or better each term to continue in the course. Fees will be used for chemicals, lab ware, lab kits. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

GRADE LEVEL: 11-12

CREDIT: 1.0

FEES: \$30 and students will purchase their own books

LENGTH: Year

PREREQUISITE: Chemistry and previous or concurrent enrollment in Precalculus plus application & teacher consent.

## \*‡Advanced Placement Physics

AP Physics is a full-year of advanced general physics. Students who have begun the journey through physics in the general physics or with the instructors approval in Engineering 2 will choose to prepare for either the Physics B or Physics C exam. Students who successfully complete this course should be well equipped to attack the difficulties of college physics. Any student who is thinking of careers in engineering, math, physical science or medical sciences in the future should take this course. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

GRADE LEVEL: 11-12

CREDIT: 1.0

FEES: \$25 and students will purchase their own books

LENGTH: Year

PREREQUISITE: Physics or Engineering 2 with teacher consent

## \*Astronomy

In astronomy, students increase understanding about our amazing universe and learn to make predictions about astronomical events. Building models will enable students to try out ideas. This course will capture the students' imaginations and introduce them to the fundamental ideas of science and math. The main concepts studied will be the moon's and sun's cycles, stellar evolution, star constellations, and the solar system. This is a lab oriented class in which the students will create astronomical journals and use the Starlab Planetarium. Fees are for supplies--consumable items, project supplies, & media supplies.

GRADE LEVEL: 9-12 (recommended 9-10)

CREDIT: 0.33

FEES: \$12

LENGTH: Trimester

PREREQUISITE:

## \*Astronomy II

This class is an advanced exploration of higher level concepts in astronomy. Students will actively explore and discuss these concepts through research, computer software, internet, field experiences and videos. Fees will be used for observation facility fees, transportation, entrance fees, lab equipment and materials.

GRADE LEVEL: 9-12

CREDIT: 0.33

FEES: \$15

LENGTH: Trimester

PREREQUISITE: Astronomy

### **\*Biology Concepts**

Biology Concepts studies biochemistry, cellular structure and function, as well as evolution. These topics include an understanding of organic compounds, photosynthesis and respiration, transport mechanisms, enzyme systems, and changes in species throughout time. Fees will be used for chemicals, indicators and examples of food types.

*GRADE LEVEL: 9 (required)*

**FEES: \$12**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Botany**

Botany is the study of the plant kingdoms. Students will study the structure and function plants. Students will perform a variety of experiments with living plants independently and in groups. Students will grow seedling crop plants. Additional activities include planting trees to construct a windbreak. Fees will be used for plant hormones, seeds, consumable chemicals, seedling trees, soil, moss, hand shovels, gloves, and potting materials.

*GRADE LEVEL: 9-12*

**FEES: \$30**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Chemistry**

Using the computer to explore this topic will not only give students some computer skills but the student's perspective on chemistry will be personalized. Students will have the opportunity to explore chemistry the way he/she learns. Students will learn how matter works rather than simply memorizing formulas. Each topic is also orchestrated with many hands-on laboratory activities to make the subject come alive.

*GRADE LEVEL: 10-12*

**FEES: \$24**

*PREREQUISITE: Algebra I with a "C" or better or Geometry*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Colorado Geology**

This one trimester geologic science course will offer an exploration of Colorado rocks, minerals, fossils, landforms, geologic history and geologic hazards. We will use hands on activities, field work and research to become better acquainted with the geologic wonders of Colorado. This will be an upper level science course available for 10<sup>th</sup> through 12<sup>th</sup> grade students. Fees will be used for hands on and field experiences.

*GRADE LEVEL: 10-12*

**FEES: \$20**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Colorado Natural Resources**

This one trimester science course will offer an exploration of the following Colorado Natural Resources: Forestry, Minerals Resources, Parks and Wildlife as well as Water. We will use hands on activities, media, field work and research to become better acquainted with the natural resources of Colorado. This will be an upper level science course available for 10<sup>th</sup> through 12<sup>th</sup> grade students. Fees will be used for hands on and field experiences.

*GRADE LEVEL: 10-12*

**FEES: \$20**

*PREREQUISITE: Ecology*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Conceptual Physics**

This is a one trimester hands on introductory required course for freshmen. In this course students will use hands on activities and computer programs to analyze their world. Using the computer to explore the topic of how the physical world works will not only give students some computer skills but their perspective on science will be personalized. Students will have the opportunity to explore the world around them the way he/she learns. Students will learn how matter works rather than simply memorizing formulas. Each topic is also orchestrated with many hands-on laboratory activities to make the subject come alive.

*GRADE LEVEL: 9 (required)*

**FEES: \$20**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Earth Systems**

This one trimester course will give the student an overview of the dynamic systems which create our Earth. Both the non-living (geologic, hydrologic, atmospheric) and living (biologic) components will be explored utilizing computers, media, labs, and field experiences. Fees will be used for activities/lab supplies and field trips.

*GRADE LEVEL: 9 (required)*

**FEES: \$20**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Ecology**

This class is an analysis of the relationships and impact of animals, plants, and humans on ecological systems. Ecological concepts will be related to environmental issues. Students will do many group and independent experiments and projects. All students will submit an independent research project. Fees will be used for activities/lab supplies and field trips.

*GRADE LEVEL: 10-12*

**FEES: \$20 pending Board approval**

*PREREQUISITE: Earth Systems and Biology Concepts*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Engineering 2**

Students who enjoyed Introduction to Engineering will love this class. Students will be using a research base to demonstrate learning of new material that is applicable to any engineering field. Special projects show understanding of the material and how it applies to specific engineering disciplines. The course will use a level of physics tailored to each student as physics applies to almost all engineering disciplines. As students gain an understanding of physics concepts, they will apply these concepts to an engineering project. The projects may start out very simple but can quickly progress to more and more complex projects that will take students as far as the imagination will allow.

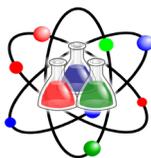
*GRADE LEVEL: 10-12*

**FEES: \$48**

*PREREQUISITE: Introduction to Engineering or Algebra II or higher Math CREDIT: and instructor approval*

*CREDIT: 1.0*

*LENGTH: Year*



### **\*From Magic to Science**

This course deals with major conceptual revolutions throughout history and the experimental affect upon society. Students will perform experiments from the Bronze Age through the development of the genetic code. Relevant cross-curricular aspects of culture and society will be stressed to form a context for each scientific milestone. Specific topics will include a survey of life science, Galileo and the Planets, Newton and Physical Theory, and the History of Chemistry. Fees will be used for chemical supplies, craft supplies, and lab ware.

*GRADE LEVEL: 11-12*

**FEES: \$30**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Genetics**

Genetics is a study of how DNA is related to cell growth and protein synthesis with implications to life in the future. Inheritance, genetic diseases and disorders, genetic engineering, genetic finger printing, and the genome project will be emphasized. Many independent and group hands-on lab activities and projects are included. Fees will be used for genetic seeds, genetic kits, and materials for models.

*GRADE LEVEL: 11-12*

**FEES: \$12**

*PREREQUISITE: Biology Concepts*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Human Anatomy**

Human Anatomy is an introductory course, which emphasizes the relationship between body structure and function as well as a survey of all body systems. The laboratory portion includes microscopic study of tissue and selected dissections. This course is designed for individuals interested in health care and includes 40 hours lecture and 30 hours lab.

*GRADE LEVEL: 11-12*

**FEES: \$18**

*PREREQUISITE: Any Life Sciences Class*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Introduction to Engineering**

What do engineers do and why do they do it? In this course students will be introduced to the principles of electrical and computer engineering in an understandable hands-on way. Students will design and build electrical circuits and digital circuits. These principles and circuits are the basic components in any microprocessor or computer. This is a one-year course that will not only introduce students to these principles but also prepare them for Digital System Design, Introduction to Microprocessors, and VLSI System Design at Colorado State University or Associate Degree and Certification Programs at Front Range College. Fees will be used for wires, breadboards, analogue components and digital components of electrical circuitry that students will be able to take home at the end of the course.

*GRADE LEVEL: 9-12*

**FEES: \$35**

*PREREQUISITE:*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Meteorology & Climate**

In our study of ever-changing and exciting weather patterns, we will investigate current weather maps through the use of the internet and television. Climate, past and future, its unique aspects, and its geographical controls will be explored. Each day we will observe conditions and collect data such as temperature, air pressure, precipitation, humidity, clouds, and winds. The students will conduct a wide variety of learning activities to help them understand the "why" and "how" of their environment. Fees will be used for activities-transportation; supplies-weather reporting instruments, project supplies & lab consumables.

*GRADE LEVEL: 9-12*

**FEES: \$15**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Microbiology**

Microbiology is a study of bacteria and viruses and their effects on the environment and the body. Students will become proficient in aseptic and staining techniques. Students will design their own experiments and identify an unknown. Many hands-on activities and projects are included. Fees will be used for bacteria cultures, culture media, stains, consumable chemicals and lab ware.

*GRADE LEVEL: 11-12*

**FEES: \$30**

*PREREQUISITE: Any Biology Class*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Physics**

Explore the forces of nature and the limits of the universe. Topics include motion, energy, sound, light, and relativity. Hands-on activities are limited only by imagination and initiative. Topics will be explored conceptually and computationally. For students planning on any kind of college technical degree, such as engineering, science, or pre-med, this class is a must.

*GRADE LEVEL: 10-12*

**FEES: \$40**

*PREREQUISITE: Previous or concurrent enrollment in Precalculus*

*CREDIT: 1.0*

*LENGTH: Year*

### **\*Zoology**

Zoology is a study of similarities and differences among animal types. Students will review cell and tissue structure and function. Taxonomy and speciation will also be emphasized. Students will dissect various animals for a comparative perspective. Students will conduct a variety of activities. Fees will be used for live organisms, preserved organisms, kits, and dissecting equipment.

*GRADE LEVEL: 9-12*

**FEES: \$18**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*



# CAREER AND TECHNICAL EDUCATION 5000s

Includes Business, Technology, Catering, and Family and Consumer Sciences

## Career Exploration

Have you thought about what you'd like to do "when you grow up?" Have you thought about your interests, skills, and abilities, and how they might relate to jobs? Are the high school classes that you are taking helping you move toward a career? The Career Exploration class can help you answer these and other questions that will become more important as you get closer to high school graduation. Class activities include interest and skills assessments, computer assisted assessments, and career research. Guest speakers from a variety of career paths will visit the class and share their experiences. This class can be very helpful for those who are uncertain about what career path they might follow or who want to gain more insight into themselves as employees. An online portfolio will be utilized to organize your research.

*GRADE LEVEL: 10-11 (required)*

**FEES: \$0**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

## Catering

Food, Yum! Are you a foodie or just love to eat? Through classroom instruction and catering projects for school events students will learn various aspects of starting and owning a small catering business. Students will explore career opportunities while learning quantity food preparations, entrepreneurship, flavor profiles, importance of presentation (eye appeal) and practicing flexibility in cooking events. Areas of focus include food production, safety and sanitation, equipment and tools and confidence in the kitchen.

*GRADE LEVEL: 11-12*

**FEES: \$60**

*PREREQUISITE: Application and teacher signature*

*CREDIT: 1.0*

*LENGTH: Year*

## Computer Applications

This beginning class introduces computer applications such as word processing (WORD), spreadsheets (EXCEL), presentation software (POWERPOINT), and databases (ACCESS). While learning the basics of these applications, students will practice keyboarding skill development.

*GRADE LEVEL: 9-12 (required)*

**FEES: \$15**

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

## Desktop Publishing

Have you ever wanted to create a dynamic poster, flyer, greeting card or brochure and didn't know how to start? The Desktop Publishing course will help students create those dynamic publications using Microsoft Word and Microsoft Publisher. This class is an in-depth approach to desktop publishing for students who already know how to do word processing. Desktop Publishing provides skills for the future; impress college professors and gain skills to enhance career opportunities. This is a fun, innovative class that allows the student to mix creativity and technology.

*GRADE LEVEL: 9-12*

**FEES: \$0**

*PREREQUISITE: Computer Applications*

*CREDIT: 0.33*

*LENGTH: Trimester*

## **Fashion and Design**

Are you a Fashionista? Or fascinated with how clothes are made? This class will introduce you to the fashion and design industry. We will start to learn fabric construction by weaving, knitting, and ending with clothing construction. Do you have clothing you want to upcycle into something else? In this class you will learn the techniques and how to use and maintain a sewing machine. Topics covered include sewing technology, construction techniques, upcycling, elements and principles of design, fashion terminology and its history. You will be able to integrate fashion knowledge, skills, and practices to evaluate potential career opportunities.

*GRADE LEVEL: 10-12*

*FEES: \$25*

*PREREQUISITE: Application and teacher signature*

*CREDIT: 1.0*

*LENGTH: Year*

## **High School of Business™ I – Principles of Business and Business Economics Honors**

Principles of Business, a project-based business course, develops student understanding and skills in such areas as business law, economics, financial analysis, human resources management, information management, marketing, operations, and strategic management. Through the use of three projects, students acquire an understanding and appreciation of the business world.

In Business Economics, a project-based business course, students expand their understanding that businesses are influenced by external factors that are often beyond their control. Consumer spending, government policies, economic conditions, legal issues, and global competition are addressed through practical current applications to everyday societal and business life. Business Economics fulfills the Economics graduation requirement.

Student may earn 3 dual enrollment credits from Aims Community College (BUS 115-Principles of Business).

*GRADE LEVEL: 9-12*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 0.66*

*LENGTH: 2 Trimesters*

## **High School of Business™ II Principles of Marketing**

Why would Volkswagen choose an email campaign over a television commercial? How does Nike determine its pricing strategy? Through projects and problem solving, students will get inside marketers' heads and find out what makes them tick. Projects in the course will challenge students to analyze the business world around them, work through key marketing decisions such as pricing and product image, and develop a marketing strategy.

### **Principles of Management**

Get an up-close look at managing. Students will learn first-hand how to manage projects and people – and how to do it ethically and legally. This course includes individual and group work as students conquer problems in the different areas of management, including human resources management, risk management, project management and knowledge management.

Student may earn 6 dual enrollment credits from Aims Community College (Marketing 216 and Management 226).

*GRADE LEVEL: 10-12*

*FEES: \$0*

*PREREQUISITE: High School of Business I*

*CREDIT: 0.66*

*LENGTH: 2 Trimesters*

## **High School of Business™ III – Business Strategies Honors**

Here's where it all comes together. In this course students will run their own business. Using the knowledge gained in previous High School of Business courses, students will start by writing a real business plan. Then, students will put that plan to action by opening and operating a business. Students will tackle problems real business professionals face, such as interviewing, hiring and supervising staff, keeping financial records, evaluating results, and much more. Along the way students will find out how the areas of a company (marketing, finance, management, etc.) work together.

Student may earn 3 dual enrollment credits from Aims Community College (Management 216)

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: High School of Business II*

## **High School of Business™ III – Principles of Finance Honors**

Imagine a company president who doesn't understand finances. Learning how companies manage their money is important in any business career. In this course, students will face issues that concern financial markets and institutions. This includes how companies get money for improvements (a new building, a Super Bowl advertisement, etc.), make money (sales of products, investments) and keep track of money (understanding financial reports, making smart and ethical decisions). An online investing project provides hands-on experience (and fun) in this important area of business.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: High School of Business II*

## **Hospitality and Tourism**

Have you ever wondered why hotels and restaurants charge what they do for a room or food? This course introduces students to the exciting world of hospitality and tourism. This is one of the fastest growing industries today, encompassing several segments including lodging, food service, travel and tourism. This class will collaborate on projects related to the industry and include the marketing part of the industry.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE:*

## **Information Systems**

Whether you are an engineer, business professional, teacher, or architect you will need to use Excel, PowerPoint and database software in the workplace. This course will use the Microsoft Excel, PowerPoint and Access (database) software packages to enhance student's skills. This is an advanced level course and requires Computer Applications as a pre-requisite. Come learn more about the software packages to better your resume and enhance your skills.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: Computer Applications*

## **Life Management**

Money, food, family, friends, independence, and the future are of interest and importance to many high school students. This course will address these issues, with a focus on developing the skills needed to be successful and independent. Units include: job and career management; living environments, alternatives, and costs; personal resource management; nutrition, meal planning, and other health practices. Field trips, guest speakers, group discussions, media, reading, and writing are important components of this class.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$15**

*LENGTH: Trimester*

*PREREQUISITE:*

### **Nutrition and Wellness**

Eating is necessary to maintain physical health, but food also meets social, cultural, and emotional needs. However, poor nutrition and being overweight are two conditions resulting in serious health issues for Americans of all ages. The purpose of this course is to develop lifelong healthy individuals who understand the principles of nutrition, the relationship of exercise and fitness to overall wellness, and digestion and metabolism. Students will also learn basic food preparation skills through a food lab experience. A physical activity component is now part of this course.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

**FEES: \$10**

*LENGTH: Trimester*

*PREREQUISITE: Application and teacher signature*

### **Parenting & Child Psychology**

Parenting! How does it fit into your life plans? Are you considering a career that involves working with children? How will children impact your life? The curriculum includes units on the decision to parent, pregnancy and parental care, childbirth, postnatal care of the mother and baby, and neonatal (new baby) care. Students get firsthand experience caring for a baby by parenting an infant simulator baby for 3-5 days.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE:*

### **Parenting & Child Psychology II**

Children. Are they fascinating little people or endless sources of work and worry? If you like children, plan to someday work with children, or hope to be a parent, this course is for you! The primary focus of this course will be the development of skills needed by people who work with children – either as parent or within a career. Topics include meeting the physical, social, emotional, and intellectual needs of children from birth to age 12; health and safety issues; the value of play; communicating effectively with children; and developing activities for children. Guest speakers and interactions with children are important components of this class. Students will become a "Parent for a Day" during a trip to the zoo while being the "Parent" for the day.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: Parenting & Child Psychology*

### **Relationships**

The relationships a person develops with family members and friends are important and enrich the person's life. Good relationships are not automatic—they take time and skills to develop. This course focuses on the skills needed to develop a variety of meaningful and successful relationships. Units of study include personal values and goals, personal interactions, communication skills, friendship development, dating issues, marriage preparation (readiness, mate selection, engagement, etc.), and qualities of successful personal and professional relationships.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE:*

### **Sports and Entertainment Industry**

SPORTS, SPORTS, SPORTS! Explore the intriguing world of sports and entertainment from the perspective of managing and marketing events. Fans and companies spend billions of dollars each year on sports. The areas this course will cover include the concept of sports and entertainment, management of college and amateur

sports, professional sports, organization of sports teams, managing professional events and career opportunities within the sports and entertainment industry. The course will also look at marketing and how it affects the outcome of an event. Learning activities will include simulations, current and real-life events, individual and group projects and presentations.

*GRADE LEVEL: 9-12*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **Wealth Management**

Stocks? Bonds? Investment planning? Learn how to decipher the financial lingo and determine how to build a firm financial strategy. This course goes beyond traditional credit card and check writing skills. You will learn how to manage personal finances and apply the basics of investing...and then you'll teach those skills to others in your community.

*GRADE LEVEL: 9-10*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **Web Site Design**

The emphasis of this course is creative design of web sites. Using Notepad++, students will manage web site files and develop sites for themselves and/or others. Students will learn basic web design skills by learning how to hand-code valid HTML and CSS. A basic knowledge of HTML programming is recommended.

*GRADE LEVEL: 10-12*

*FEES: \$0*

*PREREQUISITE: Computer Applications*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **Work Based Learning**

The Work Based Learning course is an opportunity for students to receive credit for time spent at a paid job or internship. Students will be supervised by the instructor who will work with the employer to evaluate student progress. There will be an employer/supervisor evaluation conducted twice a trimester. Students are required to attend classroom instruction every Wednesday from 7:00-7:30 a.m. and must conform to any rules of the workplace and the school. Students must have a job or internship prior to the start of the class and an agreement will be signed by themselves, their parent and their supervisor at work. Hours requirements are as follows: .33 credit = minimum of 60 hours/trimester. Hours must be verified by the employer, and students can earn a maximum of .33 credits per trimester.

*GRADE LEVEL: 11-12*

*FEES: \$0*

*PREREQUISITE: Student must be employed and they must have an agreement signed by themselves, parents, and their supervisor at work. They must also provide their own transportation.*

*CREDIT: 0.33*

*LENGTH: Trimester*



## FINE ARTS 6000s



### **Acapella Choir**

An auditioned high school vocal group that studies and performs music from a variety of genres, including modern acapella, jazz, musical theater, and classical/chamber music. This select group will perform at all 4 choir concerts and at several extra performances during the school year. This class is considered the top vocal group at the high school.

*GRADE LEVEL: 9-12*

**FEES: \$20**

*PREREQUISITE: It is advised that students should be enrolled in Concert, Men's, or Women's Choir in addition to the Acapella Choir; audition required and receive director's approval*

*CREDIT: 1.0*

*LENGTH: Year*

### **Advanced Ceramics**

Students will have the opportunity to further develop their skills on independent clay assignments of their choice. Self expression, craftsmanship and creativity will be emphasized. Students will be expected to challenge their abilities and techniques: the sky will be the limit. May be taken multiple times.

*GRADE LEVEL: 10-12*

**FEES: \$45**

*PREREQUISITE: Ceramics II or teacher consent*

*CREDIT: 1.0*

*LENGTH: Year*

### **Advanced Drawing & Painting**

This course is designed for advanced art students. Students need prior knowledge and skills to ensure success. Projects will include large acrylic and watercolor paintings as well as extensive work with charcoal, pencil and colored pencils. This year-long class will incorporate both assigned and independent work and may be taken multiple times.

*GRADE LEVEL: 10-12*

**FEES: \$45**

*PREREQUISITE: Drawing and Painting II or teacher consent*

*CREDIT: 1.0*

*LENGTH: Year*

### **Advanced Guitar**

This course is offered for students who wish to expand their knowledge of guitar playing beyond what is covered in Introduction to Guitar. Students will be introduced to more complex musical and technical concepts on their instrument and will be required to learn more advanced repertoire.

*GRADE LEVEL: 10-12*

**FEES: \$0**

*PREREQUISITE: Introduction to Guitar or teacher approval*

*CREDIT: 0.33*

*LENGTH: Trimester*

### **\*Advanced Placement Music Theory**

This course is designed for students who want to delve deeply into how music is created, built, and heard. Students will begin with learning note names, scales, chords, and eventually move to full analysis of music. Students will sight sing rhythms and melodies, and aurally identify intervals, chords, rhythms and melodies. Enrollment in a performance class (band or choir) is not required but is strongly encouraged. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

*GRADE LEVEL: 11-12 (10 with teacher approval)*

**FEES: \$15 and students will purchase their own books.**

*PREREQUISITE: Teacher consent*

*CREDIT: 1.0*

*LENGTH: Year*

### ‡Advanced Placement Studio Art: 2D Design, Drawing, or 3D Design

This course is designed for students interested in investigating three aspects of an Art 2D, Drawing, or 3D portfolio: Quality, Concentration, and Breadth. In this class students will also study contemporary artists and trends by visiting art museums and galleries in person and on-line. Students will focus on the four Cs: Compelling, Capable, Confident, and Complete. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

*GRADE LEVEL: 11-12 CREDIT: 1.0*

**FEES: \$45**

*LENGTH: Year*

*PREREQUISITE: Advanced Drawing, Advanced Ceramics, and teacher consent*

### Advanced Theatre Arts

Students will expand their drama skills by exploring a variety of acting styles, dramatic literature, musical theatre concepts and literature, characterization, monologue and scene development, stage directing, stage movement and technical theatre. Students may create a portfolio of material to be used for high school, college or community auditions. Students may have the opportunity to develop their own scripts, direct and stage short plays, and will work on their own theatre related projects.

*GRADE LEVEL: 10-12*

*CREDIT: 1.0*

**FEES: \$10**

*LENGTH: Year*

*PREREQUISITE: Creative Drama or teacher consent*

### Art of Comics

This class will explore the art of sequential storytelling using words and images, also known as- comics. Students will be able to create an original comic book that will be ready for printing. This class is suited for both visual artists and creative writers.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

**FEES: \$10**

*LENGTH: Trimester*

*PREREQUISITE: Introduction to Art*

### Ceramics I

This course is designed to introduce students to the clay medium and process. Students will explore different techniques for hand building, wheel throwing, glazing and firing. Students will utilize the elements and principles of design and apply these to three-dimensional work.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

**FEES: \$15**

*LENGTH: Trimester*

*PREREQUISITE: Introduction to Art*

### Ceramics II

This course is designed for further exploration in the ceramics medium. More technically advanced wheel thrown and hand building assignments will be given including an emphasis on problem solving. Students will be encouraged to express themselves through their artwork.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

**FEES: \$15**

*LENGTH: Trimester*

*PREREQUISITE: Ceramics I*

### Concert Choir

This course is designed to give students the experience of singing in a mixed (soprano, alto, tenor, and bass/female and male) ensemble. Students will perform a variety of music, ranging from classical to popular music (including music in different languages). Students will also learn about singing techniques and music theory concepts. There will be 4 required performances and a festival performance as a large ensemble. Additional performances may be possible.

GRADE LEVEL: 9-12

FEES: \$20

PREREQUISITE: Audition required and receive director's approval

CREDIT: 1.0

LENGTH: Year

### **Creative Drama**

This course is designed for students who would like to learn about the theatrical experience through drama, stage movement, play evaluation, scene analysis, technical and musical theatre. Creative Drama will help students develop various ways in which to communicate vocally and physically in order to perform for an audience. This will include stage fundamentals, pantomime, improvisation, characterization, and scene work.

GRADE LEVEL: 9-12

FEES: \$0

PREREQUISITE:

CREDIT: 1.0

LENGTH: Year

### **Drawing and Painting I**

This class is designed for students who want to learn how to draw and paint. Emphasis will be placed on understanding fundamental skills, the Elements of Art and the practice of keeping a sketchbook, while encouraging students to develop a personal style of self-expression. We will learn essential techniques using traditional media (graphite pencils and acrylic paint). Students will also be exposed to both modern and historical art.

GRADE LEVEL: 9-12

FEES: \$20

PREREQUISITE: Introduction to Art

CREDIT: 0.33

LENGTH: Trimester

### **Drawing and Painting II**

This class is designed for students who want to grow and improve their drawing and painting skills. Students will build on skills learned in Drawing & Painting I. Emphasis will be placed on composition and The Principles of Design, and the practice of keeping a sketchbook. We will use different drawing and painting medias, such as watercolor, pastel and colored pencils. Students will also be exposed to art history. This course is designed for students planning to continue into upper level art courses.

GRADE LEVEL: 9-12

FEES: \$20

PREREQUISITE: Drawing & Painting I

CREDIT: 0.33

LENGTH: Trimester

### **Introduction to Art**

This class serves as the first course in the Visual Arts program. Emphasis will be placed on the Elements of Art and artist craftsmanship. Students will complete projects relating to the other art courses offered at University. A wide variety of materials will be used to create both two-dimensional and three-dimensional works of art.

GRADE LEVEL: 9-12

FEES: \$15

PREREQUISITE:

CREDIT: 0.33

LENGTH: Trimester

### **Introduction to Guitar**

Introduction to Guitar is a class designed to teach students how to approach playing the guitar. Students will need to provide their own acoustic guitar to participate in this course. We will study the basics of guitar playing, and music – tuning, strumming, finger-picking, reading notes and rhythms, reading chord symbols etc. Because there will be varying levels of knowledge in this class to begin with, students may be separated into groups within the class to complete different tasks. Students will be asked to perform as an ensemble or individually at times.

GRADE LEVEL: 9-12

FEES: \$0

PREREQUISITE:

CREDIT: 0.33

LENGTH: Trimester

## **Introduction to Music Theory**

Introduction to Music Theory is a trimester course designed to give students the opportunity to expand their knowledge of how music is written and built. In this course we will begin with the basics of music (clefs, notes, scales) and move to chord building and functional harmony. We will work on rhythmic and melodic basics through sight-singing as well. Students do not need to be currently enrolled in a performance-based class to take music theory, but it is encouraged.

*GRADE LEVEL: 9-12*

*FEES: \$10 and students will provide their own text*

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

## **Jazz Band**

The Jazz Band is an instrumental performance class based around learning the art of jazz music through theory, history, and performance. Students will experience this music by learning to improvise individually, as well as by playing as a group. The band will play music from across the eras of jazz, from early Big Band to Funk and Rock. There will be at least 4 performances required for this course. Students in jazz band are required (unless otherwise approved by the director) to be concurrently enrolled in concert band (with exceptions made for guitar, bass, and piano players). You must complete an audition to be admitted into the jazz band. Auditions will take place in the spring of the previous year.

*GRADE LEVEL: 9-12*

*FEES: \$20*

*PREREQUISITE: Must be concurrently enrolled in concert band, audition, director approval (see exceptions)*

*CREDIT: 1.0*

*LENGTH: Year*

## **Men's Choir**

This choir is designed to provide male students with an opportunity to perform in a vocal ensemble with other tenor and bass voices. Students will perform literature from all styles of choral music and learn singing techniques and music theory concepts. Students are rarely asked to sing by themselves in this class. There will be 4 required performances and a possible festival and additional performances.

*GRADE LEVEL: 9-12*

*FEES: \$20 pending Board approval*

*PREREQUISITE:*

*CREDIT: 1.0*

*LENGTH: Year*

## **Printmaking and Book Arts**

This course provides an exploration of printmaking techniques from monotypes to block prints. Printmaking is the art of creating an image on various surfaces and then transferring the image to paper. Students experience book arts by making their own sketchbook. This course also explores paper marbling, stenciling and paper cutouts.

*GRADE LEVEL: 10-12*

*FEES: \$20*

*PREREQUISITE: Introduction to Art*

*CREDIT: 0.33*

*LENGTH: Trimester*

## **Symphonic Band**

Symphonic Band is a course designed to continue student's education in music through playing an instrument. Students must have previous experience playing their instrument or director approval in order to enroll in band – all are welcome! We will perform music in both large and small ensemble settings. There will be at least four required performances throughout the year. No audition is required.

*GRADE LEVEL: 9-12*

*FEES: \$20*

*PREREQUISITE: Previous experience on a wind or percussion instrument preferred, and teacher consent.*

*CREDIT: 1.0*

*LENGTH: Year*

## **Women's Choir**

This choir is designed to provide female students with the chance to perform in a vocal ensemble with only women. Students will perform literature from all style of the choral repertoire, in a variety of languages, and will learn singing techniques and music theory concepts. No audition required. There will be 4 required performances and a festival performance as a large ensemble. Additional performances may be possible.

*GRADE LEVEL: 9-12*

*FEES: \$20*

*PREREQUISITE:*

*CREDIT: 1.0*

*LENGTH: Year*

# WORLD LANGUAGE 7000s



## **\*American Sign Language**

This course introduces the basics of American Sign Language (ASL) and is designed for students who have little or no previous knowledge of ASL. Readiness for learning will be approached via visual-gestural communication techniques, visual discrimination, and visual memory exercises. ASL questions, commands, and other simple sentence structures are introduced to develop rudimentary conversational skills in ASL. Information about the Deaf Community and Deaf Culture will be introduced. Course fees will be used for student registration and access to GoREACT.

*GRADE LEVEL: 9-12*

*FEES: \$20*

*PREREQUISITE:*

*CREDIT: 1.0*

*LENGTH: Year*

## **\*American Sign Language II**

This course is designed to continue development of American Sign Language (ASL) skills with primary focus on refining the use of basic ASL sentence types. Pronominalization, classifiers, spatial referencing, pluralization, and temporal and distributional aspects are introduced. Students will learn routine communicative functions of the language: asking, requesting, providing clarification, giving and asking for directions. Information about the Deaf Community and Deaf Culture will be included. Course fees will be used for student registration and access to GoREACT.

*GRADE LEVEL: 9-12*

*FEES: \$20*

*PREREQUISITE: ASL I with a grade of "C" or better, or equivalent and permission of instructor*

*CREDIT: 1.0*

*LENGTH: Year*

## **\*American Sign Language III**

This course builds on skills learned in American Sign Language (ASL) I and II, adding more complex ASL grammatical features including: vocabulary, short stories, narratives, and dialogues. The course will include description of general surroundings, appropriate sequencing, temporal aspects and conditionals. Information about the Deaf Community and Deaf Culture will be included. Course fees will be used for student registration and access to GoREACT.

*GRADE LEVEL: 11-12*

*FEES: \$20*

*PREREQUISITE: ASL II with a grade of "C" or better, or equivalent and permission of instructor*

*CREDIT: 1.0*

*LENGTH: Year*



## **\*American Sign Language IV**

This course is designed for students who have completed ASL I, II, and III, or who have demonstrated intermediate ASL skills as determined by an ASL Proficiency Interview. This course prepares students for more complex interactions and academic discourse at school and in the surrounding community. Emphasis is upon acquisition of comprehension, production and interactional skills. Students will also learn more complex features of Deaf culture and history. Course fees will be used for student registration and access to GoREACT.

*GRADE LEVEL: 12*

*FEES: \$20*

*PREREQUISITE: ASL III with a grade of "B" or better, or equivalent and permission of instructor*

*CREDIT: 1.0*

*LENGTH: Year*

## **\*German I**

This course will introduce students to the beginning level of communication skills through writing, reading, listening and speaking the German language. Language proficiency will be emphasized using beginning

level vocabulary and grammatical structures. Students will also be exposed to the customs, cultures and geography of German speaking countries. Fee will be used for workbook. Workbook will be used for German I and German II.

**GRADE LEVEL:** 9-12  
**FEES:** \$20 (workbook)  
**PREREQUISITE:**

**CREDIT:** 1.0  
**LENGTH:** Year

### **\*German II**

Students will continue to develop and refine a functional vocabulary base and grammar skills through speaking, writing, reading, and listening at an intermediate level. Functional speaking skills and an understanding of the culture will be stressed. This class will be conducted primarily in German. Fees will be used for food sampling.

**GRADE LEVEL:** 9-12  
**FEES:** \$5  
**PREREQUISITE:** Successful completion of German I

**CREDIT:** 1.0  
**LENGTH:** Year

### **\*German III**

Students will continue to develop and refine a functional vocabulary base and grammar skills through speaking, writing, reading, and listening at an intermediate level. Functional speaking skills and an understanding of the culture will be stressed. This class will be conducted primarily in German.

**GRADE LEVEL:** 10-12  
**FEES:** \$0  
**PREREQUISITE:** Successful completion of German II

**CREDIT:** 1.0  
**LENGTH:** Year

### **\*German IV Honors**

In this course students will continue to develop communicative and reading skills at an advanced level. Students will apply both old and new vocabulary and grammar through discussions of various topics relevant to the students, as well as in reading and discussing historical information, current events, short stories, and literature. This class will be conducted primarily in German.

**GRADE LEVEL:** 10-12  
**FEES:** \$0  
**PREREQUISITE:** Successful completion of German III

**CREDIT:** 1.0  
**LENGTH:** Year

### **\*Heritage Spanish I**

This course is designed specifically for native or heritage speakers of Spanish with oral proficiency but little or no formal training in the language. The course is designed to build on the language based on what the student already possesses. Special emphasis will be on advanced communication skills (listening, speaking, reading and writing), grammar literature and cultural studies. The class will always be conducted in Spanish and students are required to speak Spanish all the time while in the classroom. Fee will be used for consumable materials.

**GRADE LEVEL:** 9-12  
**FEES:** \$20  
**PREREQUISITE:** Must be fluent in Spanish. Require instructor's signature.

**CREDIT:** 1.0  
**LENGTH:** Year



## **Heritage Spanish II**

This course is designed specifically for native or heritage speakers of Spanish with oral proficiency but little or no formal training in the language. The course is designed to build on the language based on what the student already possesses. Special emphasis will be on advanced communication skills (listening, speaking, reading and writing), grammar literature and cultural studies. The class will always be conducted in Spanish and students are required to speak Spanish all the time while in the classroom. Fee will be used for consumable materials.

*GRADE LEVEL: 10-12*

*FEES: \$20 pending Board approval*

*PREREQUISITE: Heritage Spanish I*

*CREDIT: 1.0*

*LENGTH: Year*

## **\*Spanish I**

This course is designed to help students attain proficiency in Spanish in the four means of communication: listening, speaking, reading, and writing. This class focuses on acquiring a firm linguistic base, which is the foundation of effective communication and meaningful language proficiency. Additionally this class will present language within the context of the contemporary Spanish-speaking world and its culture. The targeted language proficiency level is novice intermediate. Fee will be used for consumable materials.

*GRADE LEVEL: 9-12*

*FEES: \$20*

*PREREQUISITE:*

*CREDIT: 1.0*

*LENGTH: Year*

## **\*Spanish II**

This course is designed for students who are proficient in the Spanish language at a beginning level and are prepared to work in Spanish as a means of communication. Special emphasis will be on communication skills (listening, speaking, reading and writing), grammar, literature and cultural studies. This class will be conducted primarily in Spanish. The targeted proficiency level is novice high. Fees will be used for consumable materials and the GoREACT program which will be used to assess students' progress and proficiency.

*GRADE LEVEL: 10-12*

*FEES: \$20*

*PREREQUISITE: Successful completion of Spanish I*

*CREDIT: 1.0*

*LENGTH: Year*

## **\*Spanish III**

This course is designed for students who are proficient in the Spanish language at a novice-high level and are prepared to work in Spanish as a primary means of communication. Special emphasis will be on intermediate communication skills: listening, speaking, reading and writing. Class will also emphasize grammar, literature and cultural studies. The targeted proficiency level is intermediate. Fee will be used for consumable materials.

*GRADE LEVEL: 11-12*

*FEES: \$20*

*PREREQUISITE: Successful completion of Spanish II*

*CREDIT: 1.0*

*LENGTH: Year*

# WELLNESS 8000s



## **Advanced Strength & Conditioning**

This fitness course will focus on developing the human body for athletic activities. This class is only for those individuals who are willing to put forth the maximum effort possible. There will be an emphasis on increasing muscular strength, muscular endurance, speed, flexibility, and body composition.

*GRADE LEVEL: 10-12 (fulfills P.E. requirement)*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: Basics of Power and teacher signature*

## **Alternative Fitness**

The focus of this fitness course will be to provide students with alternative ways to improve personal fitness. The class will consist of various activities such as yoga, Pilates, dance, and other non-traditional forms of fitness. The purpose of this class is to provide students with a different approach to becoming a more healthy and active person.

*GRADE LEVEL: 10-12 (fulfills P.E. requirement)*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE:*

## **Basics of Power**

This course is designed to teach and train the technical aspect of movements that are associated with power training. Resistance training components of the course will include hinge and squat technique, variation of Olympic lifts, kettle bell instruction, plyometrics, and vertical power. Applicable flexibility will also be addressed.

*GRADE LEVEL: 9-12 (fulfills P.E. requirement)*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE:*

## **Cross-Fit and Core Training for Sport**

This fitness class will focus on training methods that specifically use Cross-Fit and core strengthening as a platform for successful performance. Individuals should be in good cardiovascular shape and have a strong background in the other fitness classes offered at University Schools.

*GRADE LEVEL: 10-12 (fulfills P.E. requirement)*

*CREDIT: 0.33*

**FEES: \$0**

*LENGTH: Trimester*

*PREREQUISITE: Basics of Power*

## **First Aid/CPR Education**

This wellness course follows the guidelines for the American Red Cross Standard First Aid/CPR certification. This class will focus on life saving and response skills along with basic injury care and prevention. Upon completion of requirements, students may have the opportunity to be certified in First Aid/CPR. Fees will be used for certification cards and supplies. Recommended for junior/seniors.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

**FEES: \$34 pending Board approval**

*LENGTH: Trimester*

*PREREQUISITE:*

## **Individual Activities**

This physical education course will focus on sports and games that involve an individual effort. The activities for the course will be dependent on the trimester. Each unit will begin with an introduction to the activity and move on to development of skills, knowledge of rules and successful strategies

*GRADE LEVEL: 9-12 (fulfills P.E. requirement)*  
**FEES: Students must pay for some off-campus activities**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **Introduction to Movement**

This class is designed to identify, evaluate, and improve in the different categories of movement, specifically the 5 health-related areas of fitness (Muscular Strength, Muscular Endurance, Body Composition, Flexibility, Cardiovascular Fitness) and the 6 skill-related components of fitness (Agility, Balance, Coordination, Speed, Power, Reaction Time). Progress towards improvement in these fitness areas will follow established training principles. Students in the class will pre- and post-test in most of the fitness areas. Opportunities to exhibit skills in the 11 fitness categories will be provided via periodic individual and team games. The class will have both a classroom and activity component. Fee will be used for off campus trip to local fitness center.

*GRADE LEVEL: 9-10 (fulfills P.E. requirement)*  
**FEES: \$10**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **Introduction to Health and Wellness**

This wellness course is recommended for sophomores. The class introduces students to the different components of leading a healthy and positive lifestyle. Students will research and present on various health and wellness topics. This course is classroom based.

*GRADE LEVEL: 10-12 (required)*  
**FEES: \$0**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **Lifetime Fitness**

This fitness course will focus on how to lead a healthy and active lifestyle. The purpose of this course is to introduce and educate students about how to implement a fitness program and control personal health in their daily lives. Students will apply that information to their bodies in the weight room.

*GRADE LEVEL: 9-12 (fulfills P.E. requirement)*  
**FEES: \$0**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **Lifetime Fitness II**

This fitness course will continue the principles taught in Lifetime Fitness. The focus will be on fitness program development and improvement of personal fitness levels. Students will learn about fitness principles and human anatomy and will apply that information to their bodies in the weight room using various training techniques.

*GRADE LEVEL: 10-12 (fulfills P.E. requirement)*  
**FEES: \$0**  
*PREREQUISITE: Lifetime Fitness*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **Team Activities**

This physical education course will focus on sports and games that involve the use of a team and individuals working together. Each activity will begin with an introduction to the activity and move on to development of skills, knowledge of rules and successful strategies.

*GRADE LEVEL: 9-12 (fulfills P.E. requirement)*  
**FEES: Students must pay for some off-campus activities**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

# INTERDISCIPLINARY 9000s



## \*Advanced Placement Computer Science

In this course you will first learn the tools of programming and the basic building blocks of computer science with topics including: control structures, primitive and class data types such as arrays, ArrayList and Strings, methods, and recursion. You will then learn how to manipulate data to create more sophisticated programs with topics including: class design, algorithm development and user-defined data types. This is a College Board-approved Advanced Placement Computer Science course. By the end of the course you will be prepared to take the AP Computer Science Exam. **Students may take the national AP exam (exam fee is approximately \$100) in May for possible college credit. A non-refundable deposit of \$40 for this exam will be required in November.**

*GRADE LEVEL: 10-12*

*FEES: \$65 for AMPLIFY*

*PREREQUISITE: Algebra II or better*

*CREDIT: 1.00*

*LENGTH: Year*

## Brain Behavior

Students will learn how a variety of factors affect the functions, behaviors, and changes in the human brain. Students will conduct activities individually and in groups. Anatomy and/or Psychology are recommended prerequisites.

*GRADE LEVEL: 10-12*

*FEES: \$0*

*PREREQUISITE: Any Biology Class / See descriptions*

*CREDIT: 0.33*

*LENGTH: Trimester*

## Careers in the Music Industry

This course will outline the many career choices in the music field that do not require singing or playing an instrument. Course topics will cover careers such as music therapy, music technology (writing/editing programs), music production, stage production, managing, and DJ education. This class will emphasize the many ways to be involved in the music industry if the student enjoys theatre and/or sound production and would like to be involved when performing is not the students' main focus. Trends in the music business are lending to the labor market growing in this field.

*GRADE LEVEL: 9-12*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

## Computer Science 1 (Java Script)

Computer Science 1 will introduce students to the principles of computer science and programming. Students will explore coding with Java Script as they learn the basics of programming in Java Script and go on to write their own Computer Games and computer simulations with that Language. Students may also learn how to embed their game into an HTML based format as well as beginning explorations with SQL data base programming. This is a really nice stepping stone to prepare students for AP Computer Science and familiarize them with coding that will be used in future jobs.

*GRADE LEVEL: 9-12*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 1.00*

*LENGTH: Year*

## Filmmaking

This course will focus on the creation of narrative stories through the steps and processes of filmmaking. Students will script, storyboard, film, act, edit and produce films. They will learn to split, trim, and label video scenes and select and place those scenes in a storyboard. They will learn to assemble and arrange and rearrange scenes to create a meaningful video production. They will learn how to create transitions between visual segments.

*GRADE LEVEL: 10-12*  
**FEES: \$5**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **History of American Film**

Students will trace the development of American film and explore how this medium has influenced American society, history, and culture over the past century. Students will learn about genre and the film maker's use of frame and composition. Class format will consist of film viewing while employing a variety of communication skills to analyze, discuss and review film content and its components.

*GRADE LEVEL: 11-12*  
**FEES: \$5**  
*PREREQUISITE: Freshman English and Contemporary Voices: Sophomore English*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **History of Games**

This course will explore games from their earliest forms thousands of years ago to the modern era. Students will learn how games had cultural, religious, political, economic, and educational purposes and how they continue to play an important role in society today. Students will also learn about game strategy, style, and taxonomy.

*GRADE LEVEL: 9-12*  
**FEES: \$10**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **History of Rock and Roll**

Music has always been influential in the development of America. Slaves' sorrow songs, folk music, and jazz led to the creation of a new form of music that exploded in your parents' lifetime, and continues to impact society today. This class will look at the development of rock and roll. Through early rhythm and blues, various British Invasions, the hippie movement, and today's hip hop generation, music has changed the face—and history—of America, including the women's and civil rights movements, antiwar protests, and today's "Rock and Roll Presidents."

*GRADE LEVEL: 12*  
**FEES: \$5**  
*PREREQUISITE: American History I, II*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **Interdisciplinary Art**

A trimester long course where field professionals will come in and speak about their interdisciplinary art profession, demonstrate their skills, and then students will be able to do a project based on said profession. Possible professions: Professional ceramic artist, cake baker/decorator, graphic designer, visual art-related business owner/operator, wedding planner/decorator, chef/caterer, fashion designer, comic illustrator, professional photographer, nature illustrator, makeup design, etc.

*GRADE LEVEL: 9-12*  
**FEES: \$20 pending Board approval**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

### **Knowledge Bowl**

Knowledge Bowl is an academic quiz activity, similar to Jeopardy, where teams of students compete against other teams to earn the most points by answering questions correctly. This class will introduce students to the rules and format of Knowledge Bowl in order to prepare them for competition. Students will be taught the techniques of the activity and have time to practice using them. Additionally, students will be given time to research and learn new topics that pertain to Knowledge Bowl. Students who decide to join the Knowledge Bowl team will need to pay the activity fee.

*GRADE LEVEL: 9-12*  
**FEES: \$0**  
*PREREQUISITE:*

*CREDIT: 0.33*  
*LENGTH: Trimester*

## **Law & Legal**

This course is designed to give students a better knowledge of legal principles involved in everyday living. Topics will include Statutory Law, Case Law, types of crimes, enforcement, punishment, and the court systems. Civil Law, torts, juvenile law, and individual rights and liberties will be explored.

*GRADE LEVEL: 10-12*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

## **Leadership**

Leadership doesn't come naturally to most of us. Fortunately, we can learn leadership skills (or improve if you're a natural). In this course you will build the leadership skills you need to excel in college and career. You will discuss contemporary leadership, ethical leadership and teamwork leadership, complete a team-based project, and put your leadership skills into action at school, at home, and in the community.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

## **\*Oral Interpretation**

Students will explore, analyze and develop skills for performing various aspects of literary forms. This will include storytelling, oral interpretation of prose, drama and humor, and readers' theatre. Emphasis will be on the presentation of literature with vocal expression and effective meaning. This course is intended for underclassmen to develop reading skills, speaking skills and presentation experience through non-informative text and literature.

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

## **Origins of Pop**

Origins of Pop is a tour through the history of pop music – from it's beginnings in blues and rock and roll, through The Beatles, Guns 'N Roses, Green Day, Nelly, Katie Perry, Fall Out Boy, and more! This class is all about learning how musicians influenced one another, and learning to actively listen to the music that happens around us every day!

*GRADE LEVEL: 9-12*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE:*

## **\*Philosophy and Ethics**

This course is a brief introduction to philosophy and critical thinking, with an emphasis in ethics. Students will learn to construct arguments with appropriate logic, deconstruct arguments, and identify logical fallacies. Students will also encounter and discuss several well known ethical questions, and be able to apply different ethical theories.

*GRADE LEVEL: 11-12*

*CREDIT: 0.33*

*FEES: \$0*

*LENGTH: Trimester*

*PREREQUISITE: Geometry will help with an introduction to proof, but is not necessary.*

## **Soundtracks: Music in Film**

Soundtracks are the accompaniment to movies – the music is as important to the final product of a movie as the acting, sets, and editing...but how much time do you spend listening to how the music helps tell the story of the film? In this class we'll explore how music supports the storyline of a movie, and how it can sometimes tell its own story. We will watch different types of movies, and discuss how the music impacts our experience in different ways. Students do not need to know how to read music or have any musical experience to take this class!

GRADE LEVEL: 9-10  
FEES: \$0  
PREREQUISITE:

CREDIT: 0.33  
LENGTH: Trimester

### **Speech & Debate**

This course is designed to develop students' skills in various styles of public speaking. It will focus on the elements of research, argumentation and rebuttal; as well as the principles of public speaking as they apply to composition, interpretation and performance. Students will earn grades in the categories of debate, public speaking, and acting.

Students may choose to join the Speech and Debate team and compete in CHSAA-sanctioned or NSDA-sanctioned speech and debate tournaments.

GRADE LEVEL: 9-12  
FEES: \$0 (Students who choose to compete on the team must pay the \$120 UHS Activity fee and register with the team on Family ID.)  
PREREQUISITE:

CREDIT: 0.66  
LENGTH: 2 Trimesters

### **Speech and Presentation for the Reluctant Speaker**

Students will develop skills for performing speeches and presentations for an audience in a safe, workshop environment. Emphasis will be on the presentation of speech presentations while overcoming the emotional and mental challenges of speaking in front of an audience. Reading with vocal expression for effective meaning will also be explored. This course is intended especially for underclassmen to develop oral reading skills, speaking skills and presentation experience through student speeches, presentations and other forms of literature. However, this class will be helpful for upper classmen preparing for Senior Project presentations.

GRADE LEVEL: 9-12  
FEES: \$0  
PREREQUISITE:

CREDIT: 0.33  
LENGTH: Trimester

### **Standardized Test Preparation**

Standardized Test Preparation is a course designed to prepare students to take the SAT test. The course will provide a review of reading, writing, language, and math topics found on the SAT exam as well as focus upon strategies on how to succeed when taking standardized tests.

GRADE LEVEL: 11-12  
FEES: \$0  
PREREQUISITE: Algebra 2 or Algebra 2 Corequisite

CREDIT: 0.66  
LENGTH: 2 Trimesters

### **Water Exploration**

This class will explore the physical and chemical interactions of water with the environment. This exploration will include lab, field studies, activities, discussion, research, and computer activities. Fees: activities, lab materials, field trip transportation, entrance fees, equipment and materials.

GRADE LEVEL: 10-12  
FEES: \$15  
PREREQUISITE: Earth Systems

CREDIT: 0.33  
LENGTH: Trimester

### **Yearbook**

Skills needed: good work ethic, well developed writing skills, computer experience. Each student will be directly involved with all aspects of producing a yearbook, including photography, journalism, design, marketing, and use of technology. Students will learn to use yearbook design and photo editing software. Work outside class and advertising sales will be required of each staff member as part of the grade. Students may take this class more than once. Students need to apply for staff and editorial positions.

GRADE LEVEL: 10-12  
FEES: \$0  
PREREQUISITE: Application and teacher approval

CREDIT: 0.33 / Trimester  
LENGTH: Year

# ELECTIVES 0000s



## **Classroom Aide**

This class gives students the opportunity to work in various classrooms and areas of the school. On the first day of the trimester students will pick up a packet with teacher and/or room assignment, the course syllabus, and directions for how to access Google Classroom. Failure to complete assignments on Google Classroom will result in loss of points towards the final grade or total number of community service hours. A 600 word essay is due at the end of the trimester. This essay, classroom evaluation and Google Classroom assignments will be counted toward the final grade or community service hours. A student may choose to use Classroom Aiding as a way to acquire Community Service hours. Each trimester in Classroom Aiding usually results in 35 hours of Community Service. A student may sign up for additional Classroom Aiding classes as a way to complete the 50-hour requirements. Students have the option to count this course as community service or internship credit, with approval of the advisor. Additional hours would be necessary to use this experience as an internship. Students may also take the class for a letter grade. Students taking this class for a grade will be subject to eligibility rules for athletics and other activities. Students who take the course as community service or internship credit cannot count the class as one of the 5 required for academic eligibility. Attendance is mandatory. Three unexcused absences or tardies will cause the student to be withdrawn from the class. You may not arrange to aide in a particular teachers class. Room assignments are made based on priority of teacher need.

*GRADE LEVEL: 9-12*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

## **Classroom Aide – Mathematics Focus**

Please refer to the course description for Classroom Aide. This course is designed for students with strong math skills. Students will assist in middle school and elementary mathematics classes and should be prepared to tutor students. Recommendation from a high school math teacher is required.

*GRADE LEVEL: 10-12*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 0.33*

*LENGTH: Trimester*

## **Study Hall**

This course is designed to allow time for students to work on homework. Students with busy lives may benefit from having a block of time dedicated solely to homework. Study Hall is recommended to freshman and sophomores only and cannot be taken concurrently with Study Skills. Students can specify which trimester they would like to have Study Hall.

*GRADE LEVEL: 9-10*

*FEES: \$0*

*PREREQUISITE:*

*CREDIT: 0.0*

*LENGTH: Trimester*