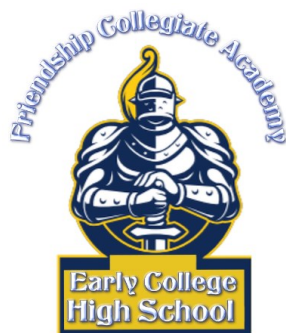




Policy Procedures Course Description 2021-2022 SY



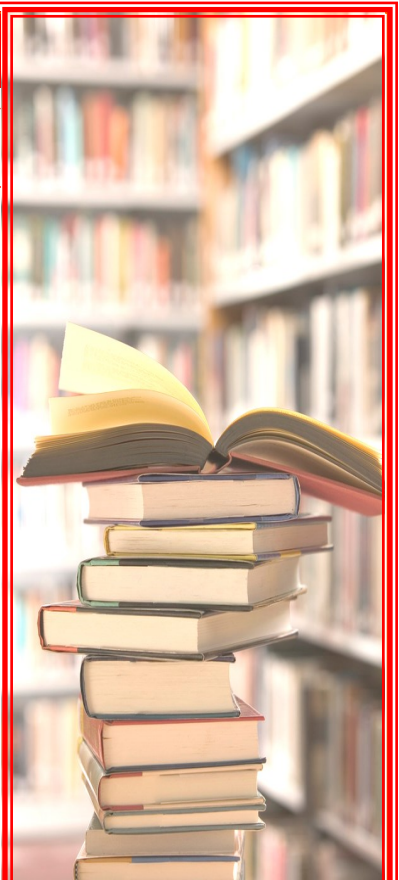
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Friendship Collegiate Academy Early College High School

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Dear Friendship Collegiate Academy Scholars and Parents:

The faculty, staff and administrators of the Friendship Collegiate Academy, a premier Early College campus, are committed to ensuring that each of our scholars have access to the resources needed to prepare them to not only enter a college or university but to persevere and successfully graduate. The Friendship Collegiate Academy is committed to providing customized educational experiences to foster a culture of rigorous task, innovation and discovery. Scholar's individual needs are addressed through an array of opportunities that promote the scholar's academic, social, and emotional development. Through a rigorous and relevant curriculum, the integration of technology, Academy Pathways, Pre-AP, AP and dual enrollment courses, scholars will graduate from Friendship Public Charter Schools ready to compete in the global economy. As we support instructional excellence in both distance learning and within the building, the faculty and staff are dedicated to providing a world-class education to each scholar.

We believe that Individual Learning Plans (ILPs) prepares learners for their futures by providing learners with voice and choice in their educational class selection and respective career choices. We believe that our scholars learn at different rates and in different styles; we also know that technology changes the rules of how/ when we can learn. Through the many learning opportunities that we have created at the Collegiate Academy this school year (AP courses, dual enrollment, online courses, project based learning, and traditional classes) we have created learning pathways that align to the learning styles of our Collegiate scholars and that will truly prepare them for college.

Friendship Collegiate Academy (FCA) career pathway programs play a key role in offering our scholars access to educational opportunities throughout their high school year. The Academy Pathways connect and reinforce student learning to real world experiences. Our pathways foster an environment that raises learner awareness or possible post-secondary opportunities in higher education. It is our goal through the career pathways to prepare learners with skills that will be transferable to their post-secondary endeavors.

The mission of Friendship Public Charter School is to provide a world-class education that motivates students to achieve high academic standards, enjoy learning, and develop as ethical, literate, well-rounded, self-sufficient citizens who contribute actively to their communities. Our goal is to provide our scholars with rigorous coursework opportunities where ALL scholars will strive to achieve their fullest potential. This course selection book has been designed to help guide our scholars and their parents in creating a successful, effective pathway for high school success and beyond.

Sincerely,

Dr. Peggy Jones

Dr. Peggy Jones, Principal

General Information

Mission: The mission of Friendship Public Charter Schools is to provide a world-class education that motivates students to achieve high academic standards, enjoy learning, and develop as ethical, literate, well-rounded and self-sufficient citizens who contribute actively to their communities.

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Overview

The "Framework for the Guidance Department" envisions a school counseling program supporting *all students in their educational, career, personal, and social development thus enabling them to become life-long learners and productive citizens in our communities and around the world.*

The Role of the School Counselor is to:

- Counsel with students individually and in small groups
- Present developmental lessons in the classroom and in small groups
- Serve as a student advocate
- Consult with teachers, administrators, school support personnel, parents, and business/community agencies
- Participate in school meetings
- Work with parents in teaching effective parenting skills, creating a positive environment, and encouraging parent participation
- Provide staff development in identified areas of need and in orientation to the school counseling program
- Provide leadership in career development of all students
- Coordinate school activities pertaining to the school counseling program
- Facilitate the evaluation of the school counseling program.
- Provide counseling to make distance learning successful for scholars and parents

Students and/or parents may make an appointment to see a counselor via an email, a phone call, or visiting the counselor's office before or after school. The Guidance Department can also schedule parent-teacher conferences with all of the student's instructors available to attend. If a parent wishes to meet with a single teacher, the parent should contact that teacher individually.

Conferences arranged through the Counseling Department, will be scheduled in a timely manner. Students are requested to attend conferences with parents.

Grading Information

Grading Scale

All students are encouraged to maximize their learning opportunities by enrolling in rigorous courses that help them to reach their full academic potential. In deciding a course of study, it helps to understand exactly how course performance relates to GPA and class ranking. Equally important is the value of rich curricular experiences that allow students to position themselves for success beyond high school. Transcript grades are actual grades earned. The student's GPA is calculated using weighted grades.

Friendship Collegiate Academy uses the following grading scale to determine grades. *NOTE:* Advanced Placement and Honors Placement Courses are weighted differently. Advanced Placement courses receive an additional 1 GPA point. Honors courses receive an additional .5 GPA point.

In order to encourage and to reward students for completing upper level courses, grades for such courses are weighted according to the following scale:

Percent	Letter Grade	Academic	Honors Weights	AP College Weights
98% - 100%	A+	4.00	4.50	5.00
94% - 97%	A	4.00	4.50	5.00
91% - 93%	A-	3.75	4.25	4.75
88% - 90%	B+	3.25	3.75	4.25
84% - 87%	B	3.00	3.50	4.00
81% - 83%	B-	2.75	3.25	3.75
78% - 80%	C+	2.25	2.75	3.25
74% - 77%	C	2.00	2.50	3.00
71% - 73%	C-	1.75	2.25	2.75
68% - 70%	D+	1.25	1.75	2.25
64% - 67%	D	1.00	1.50	2.00
61% - 63%	D-	0.75	1.25	1.75
60% - Below	F	0.00	0.00	0.00

Grade Changes

To submit grade changes, teachers **must** complete a Grade Change Justification Form. Forms are available with the Registrar. The form is to be filled out and signed by the teacher who is changing the grade as well as the Principal (or designee) and the Registrar. No grade changes will be honored unless the form is properly completed and signed. ***Grade changes must be submitted within twenty-one (21) days of the following quarter or within 21 days of the end of the school year.***

All grade changes are manually entered by the Registrar.

Grading Information

Incomplete Grades

Students who have not completed requirements for a course due to an administratively, approved circumstance will receive an incomplete grade. To meet eligibility requirements, Friendship Collegiate Academy requires grades to be corrected within twenty-one (21) days after the end of each quarter. If a grade change form is not submitted, an automatic failing grade of “F” will apply. It is the student’s responsibility to meet with the teacher to obtain the required assignments necessary to successfully complete the course.

Report Cards

A formal report card will be issued in nine week intervals. Parents are given a school calendar of the dates for which these report cards are issued. The semester or final grade is the only grade that appears on the student's high school transcript and is the grade that determines whether or not the student passes and receives unit credit for the course. Each semester course passed earns unit credit toward graduation and is earned independently of other units or courses. Semester grades in the two separate semesters of the same course (i.e. first and second semesters of Algebra I) are each worth 40% of the final grade for the course, with the remaining 20% reflecting the final exam. The student does pass or fail each semester independently; only the final grade for the year is counted for two-semester courses. Semester grades are recorded on a student's transcript.

The transcript is the student's official record, not the grade report. Parents/guardians have an opportunity to meet and confer with the teachers of their children and to pick up their children’s progress report at the midpoint of 1st, 2nd, 3rd and 4th marking periods. Report Cards will not be released without a parent/guardian conference to discuss the needs of the student. ***It is mandatory for a parent/guardian to attend the Quarterly Learning Conference.***

Progress Report

A progress report is mailed or posted in PowerSchool, to the parent at the midpoint of each quarter for a total of four times each academic year.

Weekly progress reports are available for students experiencing academic difficulty. The progress report is given to parents on a weekly basis to sign and return to the Guidance Counselor. Students who are in danger of failing will be provided with academic intervention resources.

Promotion

The total number of units earned by a student at the beginning of the academic year determines grade level placement/classification for that year. Guidance counselors will review students’ transcripts and reclassify students during the conclusion of the spring semester and Summer school for proper classification.

- Rising 10th Grade must have a minimum of 5 credits and have earned a credit (D or better) in all four content areas.
- Rising 11th Grade must have a minimum of 12 credits and have earned a credit (D or better) in all four content areas and at least one foreign language credit.
- Rising 12th Grade must have a minimum of 18 credits and have earned a credit in all four content areas and at least one foreign language credit.

Note: Students are permitted to recover class credit in Summer School, Saturday School and APEX but not the grade (Pass or Fail). A student who fails to earn credit in all content classes (even after attempting to recover them in Saturday, Summer School, APEX) must repeat the grade and will be required to take the entire typical grade sequence of courses again, regardless of the performance in each course.

Grading Information

Promotion criteria for students with IEPs are the same as above. Prior to retaining a student with an IEP, the special education team (including relevant teachers and administrators from the school and from the Community Office) will convene to review each student's performance and progress toward meeting his/her IEP goals.

Students will be promoted when their educational growth shows they are prepared to successfully complete the next grade. It is not automatically assumed that students will pass from one grade to the next at the high school level: each student must earn promotion by demonstrating mastery of essential grade-level knowledge and skills.

Friendship believes it is in a student's interest to build a substantial academic foundation before advancing to higher academic levels. We have included a wide range of supports throughout the model to ensure that all students have an opportunity to access the rigorous curriculum.

In this way, we combine high standards with flexibility, support, and student dignity. We intend to build a culture where mastery of concepts is paramount, and students are prepared for success in college.

Classification of Students

Seniors Failing to Meet Gradation Requirements

A student should complete graduation requirements in four years of high school attendance. Students who are able to complete graduation requirements over the summer can participate in the summer graduation.

In the event that additional time is required, an evaluation conference will be conducted at the beginning and the end of each additional semester with the parent(s), student, Director, and counselor. If it is determined that there has been little or no effort of advancing toward graduation, an alternative education plan will be suggested.

Transfer Students

A student transferring to Friendship Collegiate Public Charter Schools will be enrolled only with an official transcript or report card and upon completion of a comprehensive transcript audit conference with a Guidance Counselor.

In addition, the SIMS staff will contact the student's previous school to verify the accuracy before a student is officially admitted. Transfer students must complete 100 hours of community service in order to receive a diploma.

Transfer Credits From Middle School

A student will only receive high school credit for the course upon successful completion of the high school final exam and a grade of "C" or higher. The student will have the opportunity to take the school final exam. If the student correctly answers at least 70% of the questions on this exam, he or she will earn high school credit for the class. If not, the course must be retaken on the high school level.

NCAA Clearinghouse

The NCAA Clearinghouse is an organization which determines a student-athlete's eligibility for athletic participation in his or her first year of college enrollment. The NCAA Clearinghouse evaluates the student's transcript to determine if a student is eligible to participate at a Division I or II college as a freshman student-athlete. Students must register and be cleared through the NCAA Clearinghouse in order to play. The NCAA recommends that students register during their junior year with their Counselor or coach. Students need to request official transcripts to be sent to NCAA upon initial registration and again after graduation.

Student Schedule & Credit Recovery Options

Registration

To aid in making decisions on course selections, students are provided registration guidelines, a course description manual, transcript, and their graduation requirement checklist. Counselors and teachers may provide additional information about specific courses. Parents and students are encouraged to review the information to make careful decisions when selecting courses. The Guidance Department is open during the summer to assist students with schedule changes.

Schedule changes are made only for the following reasons:

- Duplicate Course
- Credit already received for the course during Summer School or Saturday School
- Course prerequisites are not met
- Incorrect course sequence
- Courses needed for graduation
- Pathway change

SCHEDULE CHANGES

Students requesting a Schedule Change should complete a Schedule Change Form, which can be obtained from the Guidance Counselor or an Advisory teacher.

Student schedule changes will be made on a **need basis only**. Schedule changes are not permitted beyond the sixth day of the semester. Schedule changes will only be honored under the following circumstances:

- Repeating a course
- Missing a class/Incomplete schedule
- Senior missing a graduation requirement

The above changes require the approval of the Director of Compliance and Principal.

Schedule change forms will be filed in the student's cumulative file along with copies of their previous and current schedules.

Transcript Request

Students desiring a copy of their transcript should submit a complete electronic *Transcript Request Form* to the Registrar. Please allow up to 48 - hours to process transcript requests. The Guidance Counselor will take responsibility for mailing or forwarding transcripts that are made directly from a particular college or university.

CREDIT RECOVERY OPTIONS

After School/Saturday School/Summer School

Friendship Collegiate Academy will offer Summer classes, After School and Saturday classes for those students who are in need of academic coursework, skill training, or remedial instruction. Students are required to make up graduation requirements and to keep up with their program of study by attending Summer school, After School and Saturday school.

The grade earned in After School, Saturday School and Summer School, as well as the failing grade in the course, will appear on the student's transcript. Both grades will be used in calculating the student's G.P.A.

Student Schedule & Credit Recovery Options

After School, Saturday School and Summer School grading and attendance policies are governed by policies as outlined during the regular school year. Dress code is consistent with the regular school year policy.

Final grades for After School, Saturday School and Summer School will be entered into PowerSchool and filed in the student's file.

Independent Study

Independent Study courses are available only for senior students. A student may not carry more than one Independent Study per semester and may not apply for more than three credits towards his/her graduation requirements.

The student must meet with the Parent(s), the Senior Counselor, Director of Compliance and the selected teacher.

An Independent Study Contract form must be completed and signed by the student, parent, teacher, Director, and Guidance Counselor for final approval. The contract must be finalized within three days of the start of the semester.

Independent study is the last option after School, Saturday School and Summer School possibilities have been exhausted.

Early Release

Early release is a privilege given to juniors and seniors who carry a 2.75 GPA **and** who have satisfied all of their core class graduation requirements. Only students who are participating in the Urban Alliance program or other approved internship programs will be granted the early release schedule.

Graduations Requirements

A total of twenty-four (24) credits including four years in each of the Core Subject Area must be obtained in order for a student to receive a high school **diploma** from Friendship Collegiate Academy:

Course Credits

English	4.0 (*4 different courses)
Math	4.0 (*4 different courses)
Science	4.0
Social Studies	4.0 (DC History is required)
World Language	2.0 (Same language)
Pathway Courses/Electives	3.5 (*4 different courses)
Health/PE	1.5
Music	0.5
Art	0.5
Total	24.0

****Applies to all transfer students***

(Students entering Collegiate Academy after 9th Grade)

Student Schedule & Credit Recovery Options

A student may instead participate in programs such as Dual Enrollment or Urban Alliance.

Class Rank

The Class Rank is reported in a percentage format using the semester percentage grades that are exported into POWERSCHOOL. Numerical and percentage information are provided to the students through the Guidance Counselor.

Community Service

Friendship Collegiate Academy students must complete 100 hours of community service as a graduation requirement. All students, including transfer students are responsible for acquiring 100 community service hours. The goals of the community service program are as follows:

- Increase students' perception of self-worth
- Provide experiences for students to contribute to society
- Prepare students for the world of work
- Site places emphasis on quality service
- Links academics to real life applications
- Connects the classroom learning experience to career options through service.

The Guidance Department will periodically post community service learning opportunities.

Documented and verifiable hours are recorded on a student's transcript and are placed in the students cumulative record along with grade reports each year.

Types of Diplomas

- *Standard Diploma* is awarded to students who have successfully completed the minimum number of academic credits in four years or more than four years and up to 21 years of age.
- *Certification of Completion* with vocational training

Graduation Requirement Checklist

Seniors must submit the following information as part of the graduation requirements.

1. Mandatory Courses

- Algebra I, Geometry, Algebra II
- Biology, 2 Science Labs
- World History I, World History II, DC History, US History, US Government (American Intuition)
- Physical Education/Health
- Music/Art
- Foreign Language

2. Mandatory Graduation Memorandum of Understanding (MOU) signed by the following:

- Student
- Parent
- Guidance Counselor

3. Two Acceptance Letters to a 2-or 4-year institution (provide copies of letters)

4. SAT and ACT Testing

Student Schedule & Credit Recovery Options

5. Complete Free Application for Federal Student Aid (FAFSA) and DC TAG
6. 100 hours of Community Service (provide site contract and timesheets)
7. Completion of Senior Survey

Recording Grades, Receiving Grades and Storing Grades

Friendship utilizes PowerSchool. PowerSchool is a fully integrated, web-based, cross-platform student information system. Electronic grade keeping is done in real time. Grades are reviewed weekly by the Director.

Progress reports, final quarter and final semester grades are entered into Power Teacher by the teacher. They are then reviewed by the Director. Upon review, report cards are then printed from PowerSchool. District Office will then roll over the grades into PowerSchool. The SIMS staff will store hard copies for up to five years in a designated binder located in the SIMS office.

Student records are stored in the Records Room located on the first floor. Key entry access is required.

Cumulative GPA

The cumulative GPA will be inclusive of all final grades to date from the current year as well as all semesters from grade 9 and forward.

The cumulative GPA should be inclusive of all academic courses and any dual enrollment classes taken at another school, college, or university. No classes will be eliminated from the calculation. The cumulative GPA should be the GPA that is reported to colleges and universities upon request for the entrance criteria.

To calculate Grade Point Average (GPA), the letter grades are converted into grade points. The grade is then multiplied by the amount of credit that each class is worth (i.e. .5, 1, or 2) which is listed on the "CR" portion of the transcript. The grade points earned are then added together and divided by the number of total credits that were attempted that semester/year. The result is called the Grade Point Average (GPA)

Grading

PowerSchool should convert the percentage grade from the grade book into the 4.0 point GPA scale. The Quarterly GPA should include all of the classes attended during the current quarter. It will be reported on the report card with 2 decimal places.

To determine the GPA of a student, add the sum of the actual letter grades, then divide by the total number of course taken.

Example:

English	A	4.0
Math	B+	3.25
Social Studies	C-	1.75
Science	A	4.0
PE	B-	3.75
Elective	A	4.0
Pathway Course	B	<u>3.0</u>
		23.75

23.75 divided by 7 = 3.39 (B+ average)

Recording Grades, Receiving Grades and Storing Grades

Credits

Credit should be issued at the close of each school year unless designated as a semester long course. A student should receive credit for a class if his/her grade is a reflection of a passing mark according to the grading scale. If a student withdraws from Friendship Collegiate Academy before the close of a semester, Friendship Collegiate will generate a progress report that will go to the student's next school. The progress report is a reflection of the student's work to date in each class. It will not reflect credit since it is not the end of the semester. Special situations or exceptions can be made by the Principal.

Transfer Credits

Transferred credits and grades from other school systems shall be converted by the Registrar into appropriate FCA credits and are included in the computations.

Courses in subject areas not traditionally taught at FCA, such as religion or driver education, can be accepted as electives.

For transferred credits (non-FCA courses) to which marks such as "O" (Outstanding), "S" (Satisfactory), and "U" (Unsatisfactory) or numeric grades or percentages have been assigned, the school must secure or translate such marks to a scale of A, B, C, D, and F. These courses must be entered into PowerSchool separately.

Reporting Student Achievement

Student Achievement is reported to parents and guardians throughout the semester in several different methods:

- **Report cards:** Issued on a quarterly basis, report cards show academic grades. Current school year report cards are filed in the Main Office.
- **Quarterly Progress reports:** Progress reports are sent to the parent(s) by mail for all students. Students who are in danger of failing will be provided with academic intervention resources as stated previously.
- **Parent conferences:** Teachers and parents may request additional conferences aside from QLCs to discuss student progress and/or concerns. Parent conferences are encouraged for students who are in danger of failing or dropping more than one letter grade during the grading period.
- **Parent Portal:** Parents have PowerSchool access log-ins to monitor student's academic progress. Parents have access to attendance, test scores, homework assignments and project grades.
- **Informal methods:** Teachers also may use a variety of methods to report achievement and learning skills to students and parents, such as telephone calls, e-mail, observation records, and feedback sheets.
- **Teacher feedback:** Teachers give feedback on class work and homework to ensure that students learn. This feedback may be oral, as in reviewing assignments and assessments in class; or it may be written, as in writing comments on assignments.

Teachers may provide feedback to individual students, small groups, or the entire class. Teachers will respond to parent contact within one (1) business day of initial contact.

Parents are encouraged to talk to their child's teachers about specific questions concerning grades.

Recording Grades, Receiving Grades and Storing Grades

Grading and reporting procedures require teachers to inform students and parents in writing at the beginning of a year or semester, or when grading procedures change, about the following:

- Class or course expectations
- What is included in the grade?
- How grades are determined, including weights and proportions

This information should include details about course-specific processes for homework, reteaching/reassessment, and any other grading processes specific to the course. Friendship Collegiate Academy will communicate school-wide decisions about grading processes to students and parents before and during the school year through summer mailings, school newsletters, Web sites, and meetings.

While FCA is responsible for keeping parents informed of the educational progress of their children, it is also important for parents to take responsibility for staying informed about their child's performance by responding to teachers' phone calls or notes, understanding report cards, and discussing concerns with teachers and their Counselor.

At the end of each semester beginning in the student's freshman year, the Counselor will review a child's academic performance. With the goal of graduation, a student will have a conference with their Counselor at the conclusion of the third quarter of their junior year to complete a letter of understanding to include a parent's signature. The counselor will meet with the senior student to complete a senior letter of understanding at the beginning of their fall semester.

Individualized Learning Plan (ILP)

ILPs are a mapped academic plan and profile that reflects each student's unique set of interests, needs, learning goals, and graduation requirements. A Team, including the student, his/her family, the Guidance Counselor, Advisory teacher, will help to write an ILP, which includes authentic and challenging learning experiences that help each student succeed. As a Team, they are mutually responsible for helping the student with his/her personal curriculum; and they regularly review, evaluate, and update the ILP as the student progresses. The process allows students to become active, responsible participants in their educational development and planning.

Honor Roll

Students with outstanding academic achievement will be recognized quarterly and at the conclusion of each semester in various grade level and school-wide ceremonies.

Academic distinctions are Cum Laude, Magna Cum Laude, Summa Cum Laude, and Principal's Honors. All classes will be included in the calculation of a student's Honor Roll GPA.

- Cum Laude 3.00 - 3.49
- Magna Cum 3.50 - 3.74
- Suma Cum 3.75 - 3.99
- Principal's List 4.00 +

Student Privacy

Family Educational Rights and Privacy Act (FERPA)

Friendship Collegiate Academy adheres to the Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99). This is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

FERPA gives parents certain rights with respect to their children's education records. These rights transfer to the student when he or she reaches the age of 18 or attends a school beyond the high school level. Students to whom the rights have transferred are "eligible students."

- Friendship Collegiate Academy allows parents or eligible students to have the right to inspect and review the student's education records maintained by the school and provide copies in situations deemed necessary.
- Friendship Collegiate Academy's parents or eligible students have the right to request that a school correct records which they believe to be inaccurate or misleading. Friendship Collegiate Academy requires written permission from the parent or eligible student in order to release any information from a student's education record. A Release of Student Records Form can be obtained in the Main Office or in the Registrar's Office.
- FERPA, however, allows Friendship Collegiate Academy to disclose those records, without consent, to the following parties or under the following conditions (34 CFR § 99.31):
 - ✓ School officials with legitimate educational interest;
 - ✓ Other schools to which a student is transferring;
 - ✓ Specified officials for audit or evaluation purposes;
 - ✓ Appropriate parties in connection with financial aid to a student;
 - ✓ Organizations conducting certain studies for or on behalf of the school;
 - ✓ Accrediting organizations;
 - ✓ To comply with a judicial order or lawfully issued subpoena;
 - ✓ Appropriate officials in cases of health and safety emergencies; and
 - ✓ State and local authorities, within a juvenile justice system, pursuant to specific State law.

The School's Registrar, Director of Site Operations, and the Principal are the only staff members who have key entry access to the records area.

Student and Staff Support Team

School-Wide Tutorial

School-wide tutorial sessions are held daily through June from 3:45 pm to 5:00 pm. The sessions are facilitated by the classroom teachers Monday through Thursday. The purpose of the tutorials is to provide homework assistance, skill enrichment, and remediation. The students who should attend are those who have a GPA average of 2.0 (C average) or below, those who did not master the objectives/standards during class, and those who are seeking challenges.

The activities that are being taught are re-teaching of the lesson, direct discussions, and one-on-one assistance. Student performance and progress is tracked daily.

Student and Staff Support Team (SSST)

The purpose of SSST is to develop individual or group plans for those students identified as needing interventions or additional support. This process engages classroom teachers and parents and creates linkages to a consortium of service providers. SSST is intended to support student achievements, socialization skills, attendance and parental involvement. Guidance Staff, School Psychologists, Mental Health Clinicians, the School Nurse, and other professionals are available to serve students and their families through this process.

Student and Staff Support Team

SSST Procedure

1. Referral Completed
2. Data Gathered
3. Parent Contact Letter Sent to attend meeting
4. Distribute meeting Request Form to Team members
5. Convene Pathway/Grade Level Meeting
 - ✓ Complete SSST Meeting Notes
 - ✓ Complete six-week Intervention Plan
 - ✓ Set next meeting date and time
 - ✓ Send reminder letters to Pathway/ Grade Level SSST members including parent
6. Follow-up initial Pathway/Grade Level
 - ✓ Send thank you letter to parent
7. Monitor implementation of Six Week Intervention Plan or ILP
 - ✓ Monitoring implementation notes from weeks 1-2
 - ✓ Monitoring implementation notes from weeks 3-4
 - ✓ Monitoring implementation notes from weeks 5-6
8. Convene ongoing/final SSST Meeting
 - ✓ Complete Ongoing/Final SSST meeting report form
 - ✓ Review documentation and evaluate success of six-week Intervention
 - ✓ Select option, record on form, and follow through

Home Bound Instructional Services

Purpose: To delineate the procedures for governing homebound and home-based instruction.

General Statement of Policy: It is the policy of Friendship Public Charter School to provide homebound or hospital-bound instruction at the District's expense for students who are prevented from attending their regular school for extended periods of time, due to care and treatment.

To ensure the student continues to make educational progress in their individual curriculum, a licensed instructor provides home or hospital-bound instruction as soon as practicable under the treatment conditions of the student.

Definitions:

Adult: responsible individual, age 21 or older, will be in the home during the periods of homebound instruction and that the responsible adult, if not parent or guardian, is acceptable to the homebound teacher.

Homebound: Student is prevented from attending the student's normal educational site and is in need of alternative educational instruction.

IEP Team: A special education student's IEP team comprised of, at minimum, the following individuals: Special Educator, General Educator, Parent, LEA Representative, Student if applicable, Psychologist, and Speech Pathologist, as appropriate: Occupational Therapist, Transitions Specialist (for students 16 and older) and other staff as needed (Reading Specialist, Student Support Team Chair.

Homebound Instructor: A certified teacher. Students eligible for services under the Individuals with Disabilities Education Act shall be served by appropriately certified personnel.

Student and Staff Support Team

Home Bound Instructional Services

Student with an IEP or student with special needs: a student that has been evaluated as having one of the following conditions and who, as a result of the impairment, needs special education and related services:

- Autism
- Developmental Delay
- Emotional Disturbance
- Mental Retardation
- Multiple disabilities
- Orthopedic Impairment
- Other Health Impairment
 - ✓ Asthma
 - ✓ Attention Deficit Disorder or Attention Deficit Hyperactivity Disorder
 - ✓ Diabetes
 - ✓ Epilepsy
 - ✓ A heart condition
 - ✓ Hemophilia
 - ✓ Lead poisoning
 - ✓ Leukemia
 - ✓ Nephritis
 - ✓ Rheumatic fever; and
 - ✓ Sickle Cell Anemia
- Specific Learning Disability
- Speech and Language Impairment
- Traumatic Brain Injury
- Deaf-Blindness
- Deafness- Hearing Impairment
- Visual Impairment-including blindness

Home Bound Instructional Services Procedures

Eligibility

Students eligible for homebound services must currently be enrolled in Friendship Public Charter School and who is:

- 1) Absent/prevented from attending for 3 consecutive weeks;
- 2) Predicted to be absent for 3 consecutive weeks according to the placing authority, such as a medical doctor, psychologist, psychiatrist, judge, or other court-appointed authority;

A student shall begin receiving home/hospital-bound instruction as soon as is practicable under treatment conditions to ensure that the student continues to make educational progress. Students receiving homebound instruction will be eligible for credit toward graduation, contingent on satisfactory completion of assignments, as determined by the instructors and/or the School Principal.

Approval Process

Friendship Public Charter school shall provide hospital/home-bound instruction to students, including students with disabilities, who meet the following requirements.

- 1) Receipt of a medical referral form stating that the student will be absent a minimum of 3 consecutive weeks; or that the student has chronic periods of time during the school year.
- 2) A statement that the student is physically able to participate in instruction; and

Student and Staff Support Team

Home Bound Instructional Services

Special Education

If a student has an Individualized Education Plan (IEP), in addition to the items listed above, an IEP meeting must be held to reflect the change in placement, identify any IEP goals, and address the needs for accommodations and additional services. An IEP meeting must be held when the student returns to school.

Alternate Instruction Option for Special Education Students

Home-bound instruction, coordinated through the Office of Special Education, may be considered by the IEP team as an alternate instructional option for special education students who have been suspended for more than 10 school days or expelled for disciplinary reasons. When the IEP team, in consultation with the Director of Special Education, determines that home instruction is appropriate, the IEP team will notify the Director of Student Support Services who will arrange home-based instruction based on the IEP.

Delivery of Services

Home/Hospital Services are designed to assist the classroom teacher(s) in communicating with the student during the student's absence from the classroom. Services may be provided through:

- 1) Direct instruction with a teacher
- 2) Use of electronic equipment such as video recording equipment, talking books, or voice-activated tape recorders
- 3) Use of a telecommunication link with the school or computer programming.

Note: A responsible adult must be present in the home during teaching sessions. Arrangement may be made for teaching in a public library or other public space where adults are present. If instruction is provided in a public location where other adults are present, adult supervision may not be necessary.

Hours and Duration of Instruction

Students will receive 6 hours of instruction per week. The duration of this service will be determined by the doctor's recommendation for the student to return to school.

Responsibility of Student's Home School

- Each school shall count present the student receiving home/hospital instruction if instruction is provided a minimum of 6 hours per week, excluding travel time.
- Home/hospital instruction will run consistent with the Friendship Public Charter School calendar
- The student's home school must provide books, assignments, and lesson materials for students receiving homebound instruction.

Homebound Instructor

- General Education Teacher Qualifications: Any certified teacher employed to provide general education services.
- Special Education Teacher Qualifications: A non special education certified teacher or properly certified substitute unless the student's IEP requires that the services be provided by a special education teacher.

In the event that a home instructor is not available, students will be provided work packets. It is expected that an adult will pick up the packets, and upon completion, return the packets back to the School. The School will provide the student with appropriate feedback.

Pathway Structure

- 1) **9th Grade Academy:** The Freshman Academy develops a successful scholar identity based on rigorous and relevant academics, responsible behavior and positive relationships.
- 2) **Fine Arts Pathway:** The Fine Arts Pathway nurtures the creative talents of our students. Our program includes five disciplines: dance, theater, instrumental music, vocal arts and visual arts. Students will graduate prepared to pursue a college degree in the fine arts.
- 3) **Science, Technology, Engineering, and Mathematics Careers Pathway:** The Science, Technology, Engineering, and Mathematics Careers Pathway inspires scholars to be leaders in innovation and scientific development for a more sustainable future. Within the Pathway, students have many advanced learning opportunities. Students in this Pathway will be able to choose a concentration in one of the three career pathways: Health Science, Information Technology, Engineering or Environmental Science.

The Health Science Career Pathway is a STEM-focused pathway that introduces students to the varied careers in the health science industry. This pathway will focus on Biomedical Science. Each pathway is supported by Industry professionals and a citywide network of opportunities and real work experience. Students will be exposed to curriculum that will lead to internships, scholarships and college credit.

The Information Technology Pathway prepares students for careers in programming, database administration, web design and management, digital networks, and other areas in the expanding digital workplace. Students who choose this pathway will focus on computer software, or computer hardware. Each pathway is supported by Industry professionals and a citywide network of opportunities and real work experience. Students will be exposed to curriculum that will lead to internships, scholarships and college credit.

The Engineering Pathway prepares students for careers in Architectural and Civil Engineering, Aerospace Engineering, and/or Software Engineering. Students who choose this pathway will focus on Urban Engineering and Design, or Environmental Sustainability. Each pathway is supported by Industry professionals and a citywide network of opportunities and real work experience. Students will be exposed to curriculum that will lead to internships, scholarships and college credit.

9th Grade Academy

The 9th Grade Academy is organized into three pathways:

- Intensive Support Pathway
- On-track Pathway
- Accelerated Pathway

The 9th Grade Academy consists of interdisciplinary teams of English, math, science, and social studies that only work with 9th grade students.

Vision: The 9th Grade Academy is committed to meeting the emotional, academic, and physical needs of all scholars by providing them with a nurturing and rigorous learning environment that ensures a smooth transition to high school and equips them with the necessary knowledge base and skills that enables them to excel throughout high school and beyond.

Goals: The goal of the 9th Grade Academy is to ensure scholars are prepared with the habits of mind and academic foundation to matriculate through high school and are ready to enter and successfully graduate from college.

Pathway Structure

9th Grade Academy Summer Bridge: The Friendship Mandatory Summer Bridge is a four week structured summer program that provides intensive instruction in the essential math and English skills scholars will need to succeed in high school. The program also helps scholars and their families both understand the skills and habits of mind necessary to excel in their first year and begin taking the critical steps necessary for college matriculation and success.

Intensive Support Pathway: Friendship identifies scholars who are off-track to graduation or at risk of becoming off-track to graduate, and engages these scholars in the school program through a comprehensive intake process, and a Post-secondary educational pathway that leads to graduation. The program allows students to receive the prerequisite skills they need in reading and math.

Accelerated Pathways: Scholars have an opportunity to enter the Pre-Early College Program in the summer after 8th grade. An initial summer session provides intensive preparation for the accelerated high school course of study, orients students to the vision, mission and goals of the Early College, and allows specialized assessments to determine student academic and social needs. Scholars have the opportunity to take AP World History, Honors Literary Genres, Honors Algebra, Geometry, and BUILD classes.

Fine Art Pathway

The Fine Arts Pathway is organized into two career pathways with various options for concentrations:

- Visual Arts & Production
- Audio and Video Technology and Film
- Graphic Design and Illustration
- Web Design
- Performing Arts
- Journalism and Broadcasting
- Theatre Production
- Drama/Dance/Music

Friendship high schools offer these career pathways for our creative students who see themselves designing, producing, exhibiting, performing, writing or publishing multimedia content,

Vision: Through rehearsals, performance opportunities, real-world projects, daily instruction, and community partnerships, students will become masters of their craft and contribute to our culture with creativity and intelligence.

Goals: Scholars in Arts and Communication learn and practice skills that prepare them for four-year college and graduate program in communications, graphic art composition, vocal performance, drama/theater, education, or music, radio, TV or film production.

- As a collaborative project, the Friendship pathways work together to put on a musical theater production worthy of being on Broadway.
- On-the-job internship as an actor, artist, dancer, graphic designer, set designer or musician.
- A credential in graphic design
- A two-year degree in drama, music, art, radio or TV broadcasting
- A four-year degree in communications, graphic art composition, vocal performance drama/theater, education, art, or music, radio, TV or film production.

Pathway Structure

Science, Technology, Engineering, and Mathematics Careers Pathway: The Science, Technology, Engineering, and Mathematics Careers Pathway offers courses in Information Technology with an Engineering concentration and Health Science.

Vision: The Information Technology & Engineering (AOIT-E) Pathway is designed to prepare students for careers in Computer & Software engineering, networking, programming, software development and database design.

To prepare students for a career in the medical industry through rigorous academic curriculum, career awareness, exploration, and preparation.

Goals

- All students are expected to participate in a paid internship and achieve industry certifications in either Microsoft, Adobe, or CISCO and/or be certified as a CompTIA, a Cisco Certified Network Associate, and/or a Microsoft Certified Systems Engineer.
- Scholars pursue a two-year college degree in pre-engineering, integrated mathematics, integrated technology or integrated science.
- Scholars pursue a four-year college degree in computer engineering, computer science, applied technology, information technology, systems management, etc. or other integrated subjects.
- Friendship scholars gain critical career knowledge through a series of work-based learning activities both inside and outside of the classroom. These include job shadowing events, mock interviews, résumé writing workshops, and an internship.
- After taking CTE classes in health science, scholars pursue a certificate as a dental assistant or nurse assistant (can be earned while still in high school).

Friendship's AOHS scholars are members of Health Occupational Students of America (HOSA), a national student organization, whose mission is to promote career opportunities in the healthcare industry and to enhance the delivery of quality health care to all people.

Friendship Collegiate Academy Advance Placement/Dual Enrollment

- Dual Enrollment
- Advanced Placement

The Early College provides scholars the opportunity to enhance their preparation for university study, maps a successful path toward college and creates meaningful connections between secondary and post-secondary education to ensure the completion of a baccalaureate degree. Studies show that students who acquire college credits while still in high school are more likely to graduate from high school and continue their formal education.

Vision: The Early College prepares underserved students for a quality university education by allowing students to earn college credit while in high school, and providing comprehensive support previously unavailable to first-generation college students.



Pathway Structure

Goals

- Make higher education more accessible, affordable, and attractive by bridging the gap between high school and college.
- Facilitate the transition of motivated students to higher education.
- Scholars earn an Associate's degree or two years of college credit toward a baccalaureate while in high school.
- Compress years to award a post - secondary degree.

English Department

Literary Genres

The Literary Genres course is designed to educate students on how to read and write in various modes and genres. The course explores novels, short stories, poems, autobiographical essays, and plays. Additionally, students will develop communication and analytical skills through formal and informal discussions, presentations, and performance. This course provides students with the analytical and composition skills they need to be successful in subsequent high school English courses. Students will also be exposed to interdisciplinary projects using integrated technology and media resources.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5) Prerequisite: N/A

Honors Literary Genres

The Literary Genres course is designed to educate students on how to read and write in various modes and genres. The course explores novels, short stories, poems, autobiographical essays, and plays. Additionally, students will develop communication and analytical skills through formal and informal discussions, presentations, and performance. This course provides students with the analytical and composition skills they need to be successful in subsequent high school English courses. Students will also be exposed to interdisciplinary projects using integrated technology and media resources.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5) Prerequisite: N/A

World Literature

The World Literature course prepares students to read a wide variety of literature from around the world representing the history of human civilization from the most remote ancient cultures through the present day. Thus, students will read works from the Greco-Roman world to the literature of colonization and decolonization, from Sumerian tales to the Renaissance and the Age of Reason. Class writing activities will include literary interpretation, Narrative and personal writing, persuasive and argumentative composition.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5) Prerequisite: N/A

Honors World Literature

The World Literature course prepares students to read a wide variety of literature from around the world representing the history of human civilization from the most remote ancient cultures through the present day. Thus, students will read works from the Greco-Roman world to the literature of colonization and decolonization, from Sumerian tales to the Renaissance and the Age of Reason. Class writing activities will include literary interpretation, Narrative and personal writing, persuasive and argumentative composition.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5) Prerequisite: N/A

American Literature

The American Literature course is designed to improve students' ability to critically and analytically read a variety of exemplary works by American authors. Selected novels and drama texts include, but are not limited to, *The Catcher in the Rye*, *To Kill A Mockingbird*, *A Streetcar Named Desire*, and *The Scarlet Letter*. Additionally, this course surveys other short stories, poems, and plays by men and women from a variety of backgrounds that reflect the American experience. Students will increase and gain a deeper meaning and application in the following areas: reading comprehension, writing, thinking, speaking, listening, vocabulary, analytical and critical thinking.

Term:/Credits: Semester (1) Prerequisite: N/A

English Department

English Composition

The English Composition course will focus on developing effective reading, listening, speaking, and writing skills. Students will work on applying to college and scholarships, applying literary devices, understanding Shakespeare, and participating in choice reading activities. Students will participate in peer editing and rewriting activities. Graphic organizers will help guide writing. Students will spend time in the computer lab developing research skills, using MLA and APA format, and correctly formatting their essays. Students will study literary forms and write both creatively and analytically to expand their literal, interpretive, creative and critical thinking.

Term:/Credits: Semester (1)

Prerequisite: N/A

Pre-AP English I

Pre-AP English 1 focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Texts take center stage in the Pre-AP English 1 classroom, where students engage in close, critical reading of a wide range of materials. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and communicate ideas clearly. Pre-AP English 1 emphasizes the following instructional priorities:

- **Reading closely:** Students read closely and analyze a range of complex literary and informational texts.
- **Valuing evidence:** Students value textual evidence and incorporate it effectively in writing and speaking.

Noticing language choices: Students understand how writers and speakers use specific words and sentences to move the thoughts, emotions, and actions of readers and listeners.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5) Prerequisite: N/A

Pre-AP English II

English 2 builds on the foundation of English 1, with an emphasis on the recursive moves that matter in preparing students for the challenges of college-level reading, writing, and discussion. While English 1 introduces the fundamental routines of close observation, critical analysis, and appreciation of author's craft, English 2 requires students to apply those same practices to a new host of nonfiction and literary texts. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced analytical essays without losing sight of the importance of well-crafted sentences and a sense of cohesion.

Term:/Credits: 1st Semester 1 (.5) 2nd Semester (.5)

Prerequisite: 9th Grade Standing, Pre-AP English II

English Department

African American Literature - Part I

In this course students will explore the literary traditions of African American literature from Slavery through Reconstruction through poetry, short stories, essays, drama, journals, and other writer forms. Students will engage in a variety of learning through various audio/visual resources and multi-media technologies designed to cultivate an understanding of the themes of African American literature. Student are required to complete a culminating writing task and presentation. ***Focal Authors:*** *Claude McKay, Zora Neale Hurston, Marita Bonner, Jean Toomer, Langston Hughes, Jessie Redman Fauset, Robert Hayden, Martin Luther King Jr. and Gwendolyn Brooks.*

Unit 3: The Harlem Renaissance as an Assertion of Individualism

Unit 4: Civil Rights as an Expression of Protest/Collective and Communal Identity

Term:/Credits: Semester (1)

Prerequisite: Pre-AP/Literary Genres, World Literature, and African American Literature-Section 1

African American Literature-Part II

In this course students will explore the literary traditions of African American literature through poetry, short stories, essays, drama, journals, and other writer forms. Students will engage in a variety of learning through various audio/visual resources and multi-media technologies designed to cultivate an understanding of the themes of African American literature. Student are required to complete a culminating writing task and presentation. ***Focal Authors:*** *Claude McKay, Zora Neale Hurston, Marita Bonner, Jean Toomer, Langston Hughes, Jessie Redman Fauset, Robert Hayden, Martin Luther King Jr. and Gwendolyn Brooks.*

Unit 3: The Harlem Renaissance as an Assertion of Individualism

Unit 4: Civil Rights as an Expression of Protest/Collective and Communal Identity

Term:/Credits:

Semesters Credits: Semester (1)

Prerequisite: Pre-AP/Literary Genres, World Literature, and African American Literature-Section 1

Women's Literature

In this course students will read compelling literature that focuses on the experiences of girls and women. Students will examine contemporary novels, short stories and poetry that express female voices from various cultures and social backgrounds. Students will participate in small group discussions, writing exercises and creative projects that relate to the themes presented in the literature. The course also examines current issues affecting women (and men) and provides opportunities for personal reflection and goal setting. Students will learn more about themselves as they hone their communication skills and explore female characters and authors. ***Potential Focal Authors:*** *Sandra Cisneros, Julia Alvarez, Jamaica Kincaid, Buchi Emecheta, Chimamanda Ngozi Adichie, Laurie Halse Anderson, Amy Tan, Toni Morrison, Virginia Woolf, Ntozake Shange, Edwidge Danticate, Ann Frank, and Audre Lorde*

Term:/Credits: Semester (1) Prerequisite: N/A

Reading Lab

The Reading Lab is an intervention designed to support struggling readers who are one to three grades behind in reading. This course places an emphasis on reading skills and strategies to improve comprehension, fluency, and analysis. Students regularly engage in guided and independent reading across genres with a focus on informational text. Acknowledging the need for students to become confident, proficient test-takers, Reading Lab also embeds

English Department

assessment literacy into the curriculum to teach students not only content and skills but the strategies to become successful test takers. In addition to Reading Lab, 9th and 10th grade students take Literary Genres and World Literature respectively as a co-requisite. **Any students enrolled in an intervention course will have an opportunity to complete core courses during Summer School, Saturday School or during the next school year to meet graduation requirements.**

Term:/Credits: Semester (1)

Prerequisite: N/A

Reading 180

The Read 180 program is a Scholastic reading intervention program. The program uses differentiated and direct instruction, adaptive and instructional software, high-interest literature, and focuses on comprehension, reading, writing, and vocabulary skills.

Term:/Credits: Semester (1)

Prerequisite: N/A

Math Department

Pre-AP Algebra I (9th Grade)

Pre-AP Algebra 1 focuses deeply on the concepts and skills that are most essential for college and career success, so mastery of linear relationships is a major focus of this course. Linear functions and linear equations are the basic building blocks of many advanced topics in math. Pre-AP Algebra 1 is streamlined to give students the time and space to thoroughly master these concepts and skills. The course emphasizes these essential practices for building math muscle and confidence: Building conceptual understanding; building procedural fluency; creating, analyzing, and using mathematical models; and crafting mathematical arguments. The Pre-AP Algebra 1 instructional resources focus on the following key instructional shifts:

- **Emphasis on linear functions and linear equations:** Students develop a deep and robust understanding of linear relationships in procedural, conceptual, and applied settings.
- **Focus on authentic applications:** Students employ mathematics to model and explain authentic scenarios.

Concentration on creating mathematical arguments: Students use evidence to craft mathematical conjectures and prove or disprove them.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5)

Prerequisite: 9th Grade Standing

Algebra I

This course is the foundation for the high school mathematics courses that follow. It is the bridge from the concrete to the abstract study of mathematics. Topics include simplifying expressions, evaluating and solving equations and inequalities, and graphing linear and quadratic functions and relations. Real world applications are presented within the course content and a function's approach is emphasized.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5)

Prerequisite: N/A

Geometry

This course develops a structured mathematical system employing both deductive and inductive reasoning. It includes plane, spatial, coordinate, and transformational geometry. Algebraic methods are used to solve problems involving geometric principles.

Term:/Credits: Semester (1)

Prerequisite: Algebra I

Algebra II

This course extends the topics first seen in Algebra I and provides skills in algebraic operations. Additionally, linear and quadratic functions and relations, conic sections, exponential and logarithmic functions, graphing, and sequences and series will be explored.

Term:/Credits: Semester (1)

Prerequisite: Algebra I

Honors Algebra II

This course extends the topics first seen in Algebra I and provides advanced skills in algebraic operations. Additionally, linear and quadratic functions and relations, conic sections, exponential and logarithmic functions, graphing, and sequences and series will be explored.

Term:/Credits: Semester (1)

Prerequisite: Algebra I

Math Department

Pre-Calculus

This course extends and integrates concepts from algebra and geometry. It includes the study of polynomial, rational, exponential, logarithmic and trigonometric functions, inverse and second degree relations and their graphs. Other topics include complex numbers, polar coordinates, vectors, sequences and series.

Term:/Credits: Semester (1)

Prerequisite: Algebra I

Honors Pre-Calculus

This course extends and integrates concepts from algebra and geometry. It includes the study of polynomial, rational, exponential, logarithmic and trigonometric functions, inverse and second degree relations and their graphs. Other topics include complex numbers, polar coordinates, vectors, sequences and series. This course moves at an accelerated pace.

Term:/Credits: Semester (1)

Prerequisite: Algebra I

Statistics

This mathematical course is an elective that includes the theory of probability, descriptions of statistical measurements, probability distributions, and statistical inferences. ***Text: Eurka***

Term:/Credits: Semester (1)

Prerequisite: Algebra I

Math Lab

A mandatory mathematics course for students scoring two or more grade levels below their current grade according to the Performance Series assessment. In this course, students will use manipulative, hands-on learning strategies, computer support program - PLATO learning, small group, and individual instruction to help students master the fundamental numeracy and algebra skills. The topics covered in this course are fractions, decimals, percent, integers, variables, exponents, numerical and algebraic expressions, and equations. **Any students enrolled in an intervention course will have an opportunity to complete core courses during Summer School, Saturday School or during the next school year to meet graduation requirements.**

Term:/Credits: Semester (1)

Prerequisite: N/A

Math 502 Math for Our World

This course takes an integrated approach to the study of mathematics, combining mathematical concepts with applications in the real world. It addresses topics in mathematics necessary in a college education, providing the reasoning strategies needed for mathematical problem solving in the workplace, the media, and everyday life. The course serves as the foundation for higher-level math courses and provides the quantitative skills necessary to be adequately prepared for coursework in other academic areas. The overarching goal is to learn to interpret quantitative and statistical information that we encounter daily. Students will understand how real-world problems can be analyzed using the power and rigor of mathematical and statistical models. Topics include: problem solving, math of finance, geometry, basic probability, and beginning statistical concepts with an emphasis on real world applications and interpreting information. The use of Excel will be incorporated into the topics of this course.

PREREQUISITES: Acceptable scores on Accuplacer Arithmetic and Elementary Algebra assessments; or approved exemption based on previous high school transcripts: a grade of C or better in both Algebra and Geometry taken within the last five years; or SAT Math score of 500+ or ACT Math score of 18+ within five years of registration; or successful completion of the ALEKS Program Math Tutorial as determined by GSC Math faculty.

Term:/Credits: Semester (1)

Prerequisite: N/A

Math Department

MATH 510 – Pre-Calculus

This course is intended as a bridge course between algebra and calculus. The course focuses on strengthening the student's mathematical problem solving skills and developing a firm understanding of functions, their graphical representation, their behavior and their use to model real-life situations. Various classes of functions will be highlighted: polynomials, rational, exponential, logarithmic and trigonometric. Topics may also include: algebraic concepts, real number system, systems of equations and inequalities, complex numbers and polar coordinates.

Term: Semester High School Credits: 1.00 College Credits: 4.00

Prerequisite: Math 502 College Mathematics

Note: ENG510 meets a High School Math Course Requirements.

Pre AP Geometry

In Pre-AP Geometry, students develop reasoning skills through the justification of geometrical proofs. Using the practical side of geometry, students find applications in everyday situations and projects throughout the course. A greater emphasis will be placed on area, volume, and problem-solving techniques. The Pre-AP Geometry student is expected to use higher level thinking skills to prepare for other challenging Pre-AP and AP Math courses. Preparation for Geometry EOC will be an integral part of Pre-AP Geometry.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5)

Prerequisite: N/A

Science Department

Pre-AP Biology (9th Grade)

The Pre-AP Biology course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. This ability is one of the hallmarks of scientific literacy, and it cultivates a more sustainable pathway to numerous college and career opportunities in science as well as numerous natural and social sciences. This course focuses deeply on the foundational biology knowledge and skills that matter most in preparing students for subsequent coursework in science. This course concentrates on the core areas of ecological systems, evolution, cellular systems, and genetics. Rather than understanding content topics in isolation, students will make meaningful connections between the structures, processes, and interactions that exist across biological systems—from cells to ecological communities. Pre-AP Biology instructional resources focus on the following key instructional shifts:

- **Emphasis on analytical reading and writing:** Students engage in analytical reading and writing to gain, retain, and apply scientific knowledge.
- **Focus on applying mathematics:** Students use mathematics to understand and express the quantitative aspects of biology, to record and interpret experimental data, and to solve problems as they arise.
- **Attention to modeling:** Students go beyond just labeling diagrams to modeling biological processes to demonstrate and revise understanding of key patterns, interactions, and relationships.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5)

Prerequisite: 9th Grade Standing

Pre-AP Chemistry

Pre-AP Chemistry will be one of the hardest courses you will take in high school. Many sophomores struggle with the course because it is the first time they have ever had to apply mathematics to real world problem solving situations, including the practical use of Algebra. It is also a course that requires a great deal of abstract thinking, visualization in three dimensions, and the use of logic and critical thinking skills. The goal of Pre-AP Chemistry is to provide students with a foundation to understand the structure and properties of chemical substances and to make predictions in regards to the movement of energy in a system. This course is designed to give you the background and skills to prepare you for more advanced science classes, such as AP Chemistry, AP Environmental Science, and/or AP Biology. By nature, this course is lab-based with special emphasis on quantitative and qualitative methods of analysis. You are expected to be prepared to participate in completing the entrance question each day and participate in all class activities. This is a very easy course to fall behind in quickly if you are not prepared and do not keep up with the pace of the course.

Term:/Credits: Semester (1)

Prerequisite: NA

Physics

This introductory course in physics is designed to highlight aspects of the physical Nature of objects that can range from planetary and gravitational physics on a large scale to everyday thermodynamics. Topics include motion and forces, conservation of energy and momentum, mechanics of fluids, heat and thermodynamics, waves, electromagnetism, and nuclear processes. This course places emphasis on learning physics concepts using student centered activities designed to connect prior ordinary knowledge to a keen interest and knowledge of physical concepts. The students will be exposed to an inquiry based approach where they will be facilitated into the learning of the aforementioned topics. Students will learn physics by doing and obtain meaning from their in-class experiences. They will also learn how to find mathematical relationships within macroscopic physical properties and/or tendencies applying graphical methods as needed. An understanding of algebra, geometry, and trigonometry are used to understand these relationships and to solve problems.

Term:/Credits: Semester (1)

Prerequisite: N/A

Science Department

Environmental Science

Students will be involved in learning how science works in the world around them. Topics include the Nature of Science, Energy Flow, Resources, and Population Growth. Students also learn how to find mathematical relationships between physical quantities using graphical methods. Basic algebra skills are used as a tool to understand these relationships and to solve problems.

Term:/Credits: Semester (1)

Prerequisites/Conditions: N/A

Sustainable Urban Agriculture

This class provides students with a unique hands-on learning experience and opportunity to participate in a student-run business. Students learn about various urban agriculture techniques including organic horticulture, aquaponics, vertical gardening, composting, seedling preparation, soil biology, nutrient cycles, pest management, crop rotation, harvesting and small farm management and entrepreneurship. Students will have the opportunity to participate in a student-run business where they will grow food organically from seed to plate, market and sell produce to local businesses, create a farmers market on campus, and explore cross curricular studies with other classes such as food and nutrition, science and economics.

Term:/Credits: Semester (1)

Prerequisites/Conditions: N/A

Social Studies Department

DC History

This semester-long course provides students with a comprehensive examination of the basic concepts and principles of our local and federal system of government. Course study includes a focus on the foundations of government; an overview of the United States political system; study of the legislative, executive, and judicial branches of government; exploration of citizenship rights and responsibilities, examination of structure and functions of state and local governments; and study of global perspective on governmental relationships. The entire course is designed to instill in students qualities of good citizenship that will enable them to put knowledge into action; and to provide students with the skills they need to participate fully in our democratic society.

Term: Semester Credit: Per Quarter (.5)

Prerequisite: N/A

Pre-AP World History

Pre-AP World History and Geography focuses deeply on the concepts and skills that have maximum value for college, career, and civic life. The course is built around three enduring ideas to create an engaging and relevant social studies course:

1. **History is an interrelated story of the world.** The course explores the invisible structures and forces that shape and reflect the regions, communities, governments, economies, and cultures of humanity. These big ideas help students develop an organized and meaningful understanding of time and space.
2. **History and geography are inherently dynamic.** As historians and geographers uncover new evidence, current assumptions are challenged and previous arguments and narratives gain complexity, nuance, and context. This course teaches students how to examine sources and data, establish inferences, and ultimately build and critique arguments.

Historians and geographers are investigators. Learning in Pre-AP World History and Geography is designed to be a disciplinary apprenticeship where students participate in the process of discovery. Students will play the role of historian and geographer by practicing the detective skills and using the tools of each field of study.

Pre-AP World History and Geography emphasizes the following instructional priorities:

- **Evaluating evidence:** Students acquire knowledge by evaluating evidence from a wide range of primary and secondary sources.
- **Incorporating evidence:** Students demonstrate command of quantitative, qualitative, and spatial data by effectively incorporating them into written and oral arguments.
- **Explaining historical and geographic relationships:** Students explain relationships among events and people by marshaling evidence for causality, correlation, continuity, and change over time.

Term:/Credits: 1st Semester (.5) 2nd Semester (.5)

Prerequisite: 9th Grade Standing

AP - World History

This course emphasizes the emergence of the modern era, beginning with the Industrial Revolution. The course is based on four major themes: human interactions; hemispheric interactions; crisis, progress, and change in the 20th century; and the challenges of the 21st century.

Term:/Credits: Semester (1)

Prerequisite: World History I

Social Studies Department

United States History

This course illustrates how the American political, economic and social system developed. Topics like Nationalism, sectionalism, Civil War, Reconstruction, Industrialism, and Immigration are examined to illustrate the development of these strands during the 19th century. Twentieth century content expands to include issues related to the development of foreign policy, the role of the United States as a world leader, and the domestic response to a diversified population and issues such as reform and civil rights.

Term:/Credits: Semester (1)

Prerequisite: N/A

American Institution

Course provides students with a comprehensive examination of the basic concepts and principles of our local and federal system of government. Course study includes a focus on the foundations of government; an overview of the United States political system; study of the legislative, executive, and judicial branches of government; exploration of citizenship rights and responsibilities, examination of structure and functions of state and local governments; and study of global perspective on government relationships. By examining local and National examples, students gain a greater understanding of how the institutional forces of government, media, market economics, and special interest affect their lives.

The course prepares students to become active citizens, able to leverage their position inside the American Institution to shape the future. Course equivalent to AP US Government & Politics.

Term: Semester Credit: (.5)

Prerequisite: N/A

Protest in America

This course is dedicated to exploring the history of protest in America. Even before the adoption of the US Constitution, America was founded on a system of oppression that, as current events painfully reveal, is very much alive today. Students will examine the many ways that Americans have fought to challenge and overturn oppression, the success and limitations of various forms of protest, and their own role in this struggle.

Term:/Credits: Semester (1)

Prerequisite: N/A

Health, Physical Education and World Languages Department

Physical Education

Students will explore a wide range of physical activities including individual, partner, team sports, and fitness. Students will maintain a personal record of participation in physical activity and analyze the benefits of exercise. They will develop their understanding of their physical and psychological preferences, and make decisions about the types of physical activities they most enjoy and want to pursue.

Term:/Credits: Per Quarter (.5)

Prerequisite: N/A

Health Education

Students enrolled in Health Education will be required to create wellness programs for the school to promote overall physical activity and healthy living in the areas of nutrition, social and family health, alcohol, tobacco, and other drugs, teenage pregnancy, Sexually Transmitted Diseases, Communicable and Non-Communicable Diseases, and First AID/CPR.

Term:/Credits: Per Quarter (.5)

Prerequisite: N/A

Spanish I

In Spanish I, students cover a wide range of topics: greetings, food, clothes, numbers, sports, games, likes, dislikes, and travel. In addition to the core curriculum, level I students are introduced to art, literature, and history that relates to the countries of the studied culture. Students also learn basic grammar and vocabulary, beginning to develop listening, speaking, reading, and writing skills. Mastering a limited set of structural and lexical objectives used in common daily conversations, students learn how to pronounce in the target language as they will be prepared to travel to a Spanish-speaking country upon their successful completion.

Field trips, cinematic exposure, current event readings and food tastings are a few of the fun experiences in which we partake.

Term:/Credits: Semester (1)

Prerequisite: N/A

Spanish II

In Spanish II, students cover topics such as hobbies, family life, town life, friends, the body, and celebrations. In addition to the core curriculum, level II students continue their studies in art, literature, and history. Students also master more complicated grammar and vocabulary, continuing to develop listening, speaking, reading, and writing skills. Mastering a larger set of structural and lexical objectives used in conversations, students master intonation and pronunciation as they will be prepared to live in a Spanish-speaking country upon their successful completion. Field trips, cinematic exposure, and food tastings are a few of the fun experiences in which we partake.

Term:/Credits: Semester (1)

Prerequisite: Spanish I

Advanced Placement Courses

AP Calculus

The purpose of this course is to develop students' understanding of the concepts of calculus and provide experience with its methods and applications. AP Calculus emphasizes a multi-representational approach to expressing concepts, results, and problems graphically, numerically, and verbally. AP Calculus begins with a detailed exploration of functions, graphs and limits with focus on analysis of graphs, limits of functions, asymptotic and unbounded behavior, and continuity as a property of functions. The primary aim of this course is on in-depth understanding of the theorems, concepts, techniques, computations and applications of derivatives and integrals.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: Pre-Calculus

AP English Language and Composition

This course is designed to create effective college readers and writers, to compel students to go beyond summary into the realm of analysis and critical reflection, a skill that will serve those taking standardized tests, including the AP Exam and the SAT. As a result of this course, students will gain a heightened awareness of the transactional Nature of reading and writing and an understanding that the best writing is produced when personal experience and close reading converge. To that end, we will practice a level of reading and writing that demands diligent and creative scholarship. By the end of this course, students will be able to construct and analyze argumentative, persuasive, Narrative, and analytical texts; identify patterns of organization, rhetorical strategies and devices to show how they contribute to the overall meaning and effectiveness of a work, incorporating this awareness into their own compositions. As readers, students will develop an arsenal of strategies to deconstruct the style, structure, and purpose of texts. As writers, students will use their knowledge of the rhetorical triangle and the rhetorical situation to create compelling pieces that persuade, inform, entertain, and engage diverse audiences.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: 10th Grade Literature

AP English Literature and Composition

The AP course in English Literature and Composition engages students in the practice of critical reading and writing for a variety of contexts and purposes. Students in this course come to an understanding of the intersecting practices of reading and writing - and the connection between the writer's purpose and the expectations of his audience. AP students also gain an awareness of language as the essential building blocks of meaning, the idea that grammar entails so much more than correctness, Namely, style, choice, voice, and tone. AP Literature and Composition students will come to understand the elements of literature as the author's device for creating meaning, for exploring larger physical and metaphysical considerations, and for creating the world of the text. Students will also come to an understanding of the cultural, social, and political currents that inform the Anglo-American literary canon. As a result of this understanding, they will be able to identify literary movements and trends in text and context. .

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: 10th Grade Literature

AP Biology

First semester of a year-long course designed to be the equivalent of a college introductory biology course. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics include: the principles of biological chemistry; cytology; cellular energy transformations; heredity; molecular genetics; evolution; ecology; taxonomy and systematics; and

Advanced Placement Courses

the anatomy, physiology, and development of plants and animals. The laboratory program consists of quantitative experiments that stress experimental design, data collection, and graphical analysis. Upon successful completion of the entire yearlong course, students will be prepared for the AP examination in biology.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisites: Pre-AP Biology or Biology

AP Chemistry

This course meets the requirements of a general chemistry taken in the first year of college. It provides students with in-depth understanding of the fundamentals in chemistry and will contribute to the development of the students' critical thinking skills. AP Chemistry primarily deals with the structure and state of matter, and the types of reactions. Structure of matter will cover atomic theory and structure, chemical bonding, and nuclear chemistry. The state of matter will include gases, liquid and solids, and solutions. Study of reactions in AP Chemistry includes acid-base, precipitation, and oxidation-reduction reactions, as well as stoichiometry, equilibrium, kinetics, and laws of thermodynamics. This course also places emphasis on the role of descriptive facts in chemistry in understanding its principles and concepts. Laboratory is an integral part of AP Chemistry and requires students to observe chemical reactions, record the data, calculate and interpret the results, then communicate those results.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisites: Pre-AP Chemistry, Chemistry, Algebra II

AP Physics

The goals of AP Physics are to gain the basic knowledge of the discipline of physics, to ask physical questions and to obtain solutions by use of qualitative and quantitative reasoning and by experimental investigation. One of the main focuses of AP Physics-B is on Newtonian mechanics and topics such as kinematics; Newton's laws of motion, work, energy, and power; circular motions and rotation; and oscillation and gravitation. Other topics of AP Physics –B are fluid mechanics and thermal physics, an introduction to electricity and magnetism; wave and optics; and an overview of atomic and nuclear physics.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: Algebra 2 and High School Physics

AP Environmental Science

The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the relationships of the Natural world, to identify and analyze environmental problems both Natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions. The AP Environmental Science course covers topics such as Earth's systems and resources, the ecosystem, issues of population, land and water use, energy resources and consumption, pollution, and global change.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: High School Biology

Advanced Placement Courses

AP Psychology

This year-long course is designed to give the students a fundamental body of knowledge and skills in the area of psychology. The course will involve an investigation of the major approaches to this study of psychology. It also will involve the use of research methods and statistical measurement to include inferential as well as descriptive statistics. Advanced Placement Psychology builds upon the foundation of the General Psychology course (or the psychology section of Introduction to Social/Behavioral Sciences) which is a prerequisite for this course. It also requires the student to use methods and skills acquired in math and science courses as well as computer application. Advanced placement courses are designed for students who wish to complete studies in secondary school that are equivalent to a one-semester college course in psychology. It is expected that upon completion of the course students will take and pass the College Board advanced placement test.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: High School Biology

AP US History

This course is designed to provide students with the analytic and factual knowledge necessary to deal critically with the problems and materials in US history. The AP United States History covers themes such as American diversity, identity, and culture; demographic changes and economic transformation; environment and globalization; politics, citizenship, and political reforms; religion; slavery and its legacy; and war and diplomacy. The chronological frame of this course begins with pre-Columbian societies covering early inhabitants of the Americas, and continues to the post-cold war era.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: 10th Grade World History

AP US Government and Politics

The study of modern politics in the United States requires students to examine the kind of government established by the constitution, paying particular attention to federalism and the separation of powers. The AP US Government and Politics gives students an analytical perspective on political beliefs and behaviors, political parties and interest groups, and the function and impact of mass media. It also covers institutions of National government, public policymaking, and civil rights and liberties.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: 10th Grade World History

AP World History:

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: Pre-AP World History and Geography or 10-12 Grade Standing

Advanced Placement Courses

AP Computer Science

The goals of AP Computer Science are that students will be able design and implement computer-based solutions to problems in a variety of application areas; use and implement commonly- used algorithms and data structures to solve problems; and to code fluently in an object-oriented model using the programmatic language Java. Major topics covered in AP Computer Science are object-oriented program design, computer program implementation and analysis, standard data structures and algorithms, and computing in context.

Term:/Credits: 1st Semester (1) 2nd Semester (1) Prerequisite: Algebra 1

AP Music Theory

The goal of AP Music Theory is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Students will learn aural, compositional, analytic, and performance skills. This course will cover musical terminology such as terms for intervals and rhythm, notational skills such as rhythms and meters, clefs and pitches, key signatures, scales, and mode, chords, and melodic transposition. Other topics include basic compositional skills, score analysis, and aural skills.

***Term:/Credits: 1st Semester (1) 2nd Semester (1)
Prerequisite: Pre-AP Music, Music or Music Theory***

AP Art

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emerging technologies. Students will use the critical analysis process when evaluating their own work and the work of others. All students will maintain a sketchbook and create a portfolio of completed projects.

***Term:/Credits: 1st Semester (1) 2nd Semester (1)
Prerequisite: Pre-AP Visual Art, Art or Foundation of Visual Arts***

AP Art History

A.P. Art History is a college level class that may earn the student college credit upon passing the A.P. exam at the end of the class. A.P. Art History not only seeks to understand history through studying its works of art, but also to understand art by studying the context in which it was created. Students will study works of art history. How does art change through time, as society and culture change? What can art tell us about the people who lived and worked during the time period? Students will learn to recognize art and architecture, its creator, time period, and meaning.

Students will write about art using the vocabulary necessary, compare and contrast different works, and learn how artists borrow from one another. Students learn how to collect and organize pertinent information, cross reference it and write coherently about it using the proper vocabulary.

***Term:/Credits: 1st Semester (1) 2nd Semester (1)
Prerequisite: Foundations of Visual Art, Art Appreciation, Art I***

Advanced Placement Courses

AP 2-D Art and Design

This course focuses on studio activities in one or more of the visual arts, including drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create art works (artwork) that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context. AP Studio Art is designed for students who are seriously interested in college study and/or careers in art. The student will spend a yearlong quest of one subject or concentration focus with an in-depth approach through media exploration and technique. A minimum of 20 original works will be completed by April.

AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The portfolios may consist of a 2-D Design or Drawing concentration (corresponding to the most common college foundation courses) and must address three major concerns that are constants in the teaching of art: (1) a sense of quality in a student's work; (2) the student's concentration on a particular visual interest or problem; and (3) the student's need for breadth of experience in the formal, technical, and expressive means of the artist.

Group and individual analysis enables both the students and the teacher to assess the strengths and weaknesses in their own work and their peers' work. The student is expected to maintain a sketchbook, create original works, and be responsible for the rigorous self-direction that occurs with this class. Students will be prepared the first day of class with completed assignments.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: Successful completion of Art I or Foundations of Visual Arts and Instructor Approval

AP Seminar

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

Term:/Credits: 1st Semester (1) 2nd Semester (1)

Prerequisite: 11th Grade Standing

This course counts as an English Course

Dual Enrollment – Arizona State University

ASU SOC 101 – Introduction to Sociology

Fundamentals of sociology, organization of human groups and society, processes of interaction, and social change.

Term: Semester High School Credits: 1.00 College Credits: 3.00 Prerequisite: N/A

Note: SOC101 meets a High School elective course requirements.

ASU EXW 100 – Introduction to Health and Wellness

Current concepts in health, exercise, and wellness. Emphasizes personal health, theories, attitudes, beliefs, and behaviors.

Term: Semester High School Credits: 1.00 College Credits: 3.00 Prerequisite: N/A

Note: EXW100 meets the High School Health course requirements.

ASU ENG 101 – English Composition

Discovers, organizes and develops ideas in relation to the writer's purpose, subject and audience. Emphasizes modes of written discourse and effective use of rhetorical principles.

Term: Semester High School Credit: 1.00 College Credits: 3.00

Prerequisite: 11th or 12th grade standing

Note: ENG101 meets a High School English course requirements.

Western Civilization: Ancient and Medieval Europe - HIST 102

This course provides a fascinating journey through the history of Europe and the Mediterranean from ancient times through 1500 AD. You will learn about a number of cultures and periods, including: Egypt and Mesopotamia, Greece, Rome, Judaism, The Byzantine Empire, The Rise of Islam, and Medieval Europe.

Term: Semester High School Credit: 1.00 College Credits: 3.00

Dual Enrollment – Granite State College

Granite State ENG 500 – The Writing Process

This course approaches writing as a process. Strong writing involves a sequence of stages, including: prewriting, initial drafting, revision, and rewriting. The course develops written communication skills by emphasizing both the writing process and the final product. English 500 provides students with the opportunity to integrate critical thinking, reading, beginning research, and writing skills in order to create best practices for successful writing both in and outside of college.

***Term: Semester High School Credits: 1.00 College Credits: 4.00 Prerequisite: 12th Grade
Note: ENG500 meets a High School English Course Requirements.***

Granite State MATH 502 – Math for Our World

This course takes an integrated approach to the study of mathematics, combining mathematical concepts with applications in the real world. It addresses topics in mathematics necessary in a college education, providing the reasoning strategies needed for mathematical problem solving in the workplace, the media, and everyday life. The course serves as the foundation for higher-level math courses and provides the quantitative skills necessary to be adequately prepared for coursework in other academic areas. The overarching goal is to learn to interpret quantitative and statistical information that we encounter daily. Students will understand how real-world problems can be analyzed using the power and rigor of mathematical and statistical models. Topics include: problem solving, math of finance, geometry, basic probability, and beginning statistical concepts with an emphasis on real world applications and interpreting information. The use of Excel will be incorporated into the topics of this course.

***Term: Semester High School Credits: 1.00
College Credits: 4.00 Prerequisite: SAT Math Score ≥ 500
Note: Granite State Math 502***

Granite State MATH 510 – Pre-Calculus

This course is intended as a bridge course between algebra and calculus. The course focuses on strengthening the student's mathematical problem solving skills and developing a firm understanding of functions, their graphical representation, their behavior and their use to model real-life situations. Various classes of functions will be highlighted: polynomials, rational, exponential, logarithmic and trigonometric. Topics may also include: algebraic concepts, real number systems, systems of equations and inequalities, complex numbers and polar coordinates.

***Term: Semester High School Credits: 1.00 College Credits: 4.00
Prerequisite: Granite State Math 502
Note: ENG510 meets a High School Math Course Requirements.***

Harvard/ASU ENGL 194: Poetry in America

In this course, we will consider American poets whose themes, forms, and voices have given expression to visions of the city since 1850. Beginning with Walt Whitman, the great poet of nineteenth-century New York, we will explore the diverse and ever-changing environment of the modern city—from Chicago to Washington, DC, from San Francisco to Detroit—through the eyes of such poets as Carl Sandburg, Emma Lazarus, Edna St. Vincent Millay, Langston Hughes, Marianne Moore, Frank O'Hara, Gwendolyn Brooks, Allen Ginsberg, Robert Hayden, and Robert Pinsky, as well as contemporary hip hop and spoken word artists. The course learning outcomes are anchored in five approaches to close reading literary texts:

1. **Making Observations**, with a focus on such skills as gathering and drawing conclusions from textual evidence; noticing patterns; tracing the development of central ideas and themes; detecting shifts in voice, tone, and point of view; and drawing comparisons across texts.

Dual Enrollment – Granite State College

Harvard/ASU ENGL 194: Poetry in America

2. **Understanding Structure and Form**, with a focus on analyzing structural features and patterns, such as the relation of structural sub-units (the sentence, the stanza) to one another and to the whole; and the impact of formal choice (rhymed couplet or free verse, sonnet or limerick, lyric or narrative) on a given text.
3. **Situating Texts in History**, with a focus on analyzing the relation of authors and texts to particular cultural, historical, and geographical contexts.
4. **Enjoying Language**, with a focus on cultivating the pleasure and fun of poetry in the classroom, and on analyzing the function of such elements as figurative language, word choice, sound, and imagery within a literary text.
5. **Making Claims**, drawing on evidence from these other reading strategies to support a focused and original argument about a literary text.

Term: Semester High School Credits: 1.00 College Credits: 3.00

Fine Arts Pathways

Visual Arts (All Visual Art classes can be supplemented as an Art credit.)

Pre-AP Visual and Performing Arts Courses

(Pre-AP Music, Pre-AP Dance, Pre-AP Visual Arts, Pre-AP Theatre)

The Pre-AP Arts courses are designed to be integrated into performance-focused courses in the four arts disciplines of dance, music, theatre, and visual arts. The courses focus on skills associated with ideation, experimentation, creation, revision, reflection, and analysis—the full range of processes and activities that artists engage in while producing their work. Rather than limiting arts instruction to a singular focus on a final performance or finished portfolio and the development of technical skills that ensure the quality of this presentation, the Pre-AP Arts courses allow room for these culminating events while also emphasizing the opportunities for choice-making that enhance students' abilities to think critically and creatively as artists.

Term:/Credits: Semester (1)

Prerequisite: N/A

Art I

Objective of the course: This course is designed for students who are beginners in art but are willing to learn along with participating in performing in school events. The students will develop an awareness of the visual form in their environment and become familiar with the basic elements and principles of design through a variety of media, which will enable the students to develop an aesthetic awareness of design in everyday life. The first quarter will consist of learning how to draw. The second quarter will be applying the learned drawing skills while also learning how to paint.

Term:/Credits: Semester (1)

Prerequisite: N/A

Art II

Objective of the course: This course is **designed for students that previously took the beginners Art 1 course** and are now interested and ready to build upon previously learned skills. The **course will be project based with some teacher guidance**. Expectations for this course are to develop a portfolio with the hopes of becoming an **AP Studio Art** participant the following year. It is **required** to participate in performing in school events. The students will explore even deeper an awareness of the visual form in their environment and apply the basic elements and principles of design through a variety of media, which will enable the students to have a mature aesthetic awareness of design in everyday life.

Term:/Credits: Semester (1)

Prerequisite: Art I

Foundations of Visual Art

Specifically designed to accommodate all non-academy students. This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

Term:/Credits: Semester (1)

Prerequisite: N/A

Fine Arts Pathway

Drawing

Drawing is the first art class of majors. The course will cover the basic elements of drawing as a foundation for the other forms of visual arts. The course will explore multiple drawing tools and students will learn multiple techniques and styles.

Term:/Credits: Semester (1)

Prerequisite: Foundations of Art, Art I

Painting

Painting is the Natural next step after drawing class. Students will use oil, watercolor and acrylic paint on a variety of surfaces. Students will be expected to take their art work to the next level to include more in-depth color, use of light and creative exploration.

Term:/Credits: Semester (1)

Prerequisite: Foundations of Art, Art I

AP Studio Art

Objective of the course: Designed **only** for students that took the prerequisite courses listed above and have a solid portfolio for admittance (approved by Ms. Butler). This course requires schools to work outside of class time to complete and submit to the College Board. **This course is one for school year long.**

The course promotes a sustained investigation of all three aspects of portfolio development - quality, concentration, and breadth—as outlined in the AP Studio Art Course Description or AP Studio Art poster throughout the duration of the course. (Note: The body of work submitted for the portfolio can include art created prior to and outside of the AP Studio Art course.)

The course enables students to develop mastery (i.e., “quality”) in concept, composition, and execution of drawing, or 2-D design.

The course enables students to develop a body of work investigating a strong underlying visual idea in drawing, 2-D or 2-D design that grows out of a coherent plan of action or investigation (i.e., a “concentration”).

The course teaches students a variety of concepts and approaches in drawing, or 2-D design so that students are able to demonstrate a range of abilities and versatility with technique, problem-solving, and ideation (i.e., “breadth”). Such conceptual variety can be demonstrated through either the use of one or the use of several media.

The course emphasizes art making as an ongoing process that involves the student in informed and critical decision making.

The course includes group and individual student critiques and instructional conversations with the teacher, enabling students to learn to analyze and discuss their own artworks and those of their peers.

The course teaches students to understand artistic integrity as well as what constitutes plagiarism. If students produce work that makes use of photographs, published images, and/or other artists’ works, the course teaches them how to develop their own work so that it moves beyond duplication.

Term:/Credits: Semester 1 (1) Semester 2 (1) Prerequisite: Art, Drawing, or Painting

Fine Arts Pathway

Pre-AP Visual Arts (9th Grade)

The Pre-AP Music course has two instructional modules. The first module deals with the learning cycle and focuses on a different broad category of source material for works of art, including materials as source, art as source, and the everyday as source. The lesson sequence offers instructional guidance in facilitating processes of artistic research, analysis, experimentation, and iteration or revision in creating finished works based on these three categories of source material. Lessons are deliberately designed to allow students to consider and try several approaches to creating their work before making their final decisions as to how to proceed. Throughout the module, reflective writing prompts and peer-to-peer discussion will help students clarify their thinking about their work and consider alternate approaches. As this module may be implemented in a range of introductory-level high school art courses, the media and techniques employed in these lessons have been left relatively open. In the first learning cycle (material as source), students will create a three-dimensional sculpture from found materials. In the second and third learning cycles (art as source and the everyday as source), students will make 2D portrait-based work, using materials and processes to be determined by the teacher.

The second module deals with structures. This module will enable students to identify the types of structures and frameworks that artists routinely work within—making decisions about the material, process, form, content, and context of their work. In order to form an understanding of how artists and designers work within constraints, students will engage in "constrained" art-making activities - working within an extremely limited time frame, for example, or with a limited range of materials—in order to understand the ways that deliberate use of such constraints can lead to interesting and creative outcomes. Students will discuss anchor works and identify particular constraints that are employed in the work of contemporary artists and designers, while also describing how these deliberate choices contribute to the meaning of a work. Finally, students will re-examine their own past assignments with an eye toward altering one or more aspects of this work in the creation of something new.

Term:/Credits: Semester (1)

Prerequisite: 9th Grade Standing

Dance (All Dance classes can be supplemented as a Physical Education credit.)

Ballet/Modern I

Dancers learn and memorize complex movements in ballet and modern. Dancers are expected to be highly engaged in all levels of dance. Ballet is taught using the Checchetti method of ballet which is mainly spoken in French. Modern dances focus on both Horton and Dunham techniques. Dancers are expected to complete all courses in the numeric specific order. As students matriculate through the program a higher intensity engagement is expected.

Term:/Credits: Semester (1)

Prerequisite: N/A

Ballet/Modern II

Dancers learn and memorize complex movements in ballet and modern. Dancers are expected to be highly engaged in all levels of dance. Ballet is taught using the Checchetti method of ballet which is mainly spoken in French. Modern dances focus on both Horton and Dunham techniques. Dancers are expected to complete all courses in the numeric specific order. As students matriculate through the program a higher intensity engagement is expected.

Term:/Credits: Semesters (1)

Prerequisite: Ballet I

Fine Arts Pathway

Musical Theatre

Musical Theatre is a class that allows students to dance, sing and act. All three disciplines are studied with a high focus in theatre arts. Student artists are expected to have taken some form of music or vocal studies as well as dance. Students produce monologues, Broadway style movements and songs. Students research and create character analysis. Students are expected to perform in the annual school musicals. In most cases, students are prepared to audition for performing arts colleges with high acceptances.

Term:/Credits: Semester (1)

Prerequisite: NA

Ballet & Modern 1-4

Dancers learn and memorize complex movements in ballet and modern. Dancers are expected to be highly engaged in all levels of dance. Ballet is taught using the Checchetti method of ballet which is mainly spoken in French. Modern dances focus on both Horton and Dunham techniques. Dancers are expected to complete all courses in the numeric specific order. As students matriculate through the program a higher intensity engagement is expected.

Term:/Credits: Semester (1)

Prerequisite: N/A

Modern Dance I

Introduction of fundamental exercises, techniques, and movement phrases of modern dance. Basic modern dance principles are introduced in axial and locomotor exercises. Modern dance innovators and their styles are discussed.

Term:/Credits: Semesters (1)

Prerequisite: Ballet I

Beginner Jazz

Beginner Jazz is a fun high energetic class that identifies several styles of jazz dances and techniques. Influential movements are designed from profound artist dancers such as Jack Cole, Bob Fosse and Gus Giordano. This is a creative class that allows students freedom of movement as well as studying the history of Jazz dance. This class has a high level of rigor, focus and discipline. Student dancers must show a great deal of enthusiasm and motivation. Students in this level must take Ballet, and or Modern.

Term:/Credits: Semester (1)

Prerequisite: NA

Jazz I

Introduction to fundamental jazz techniques, exercises, walks, and movement phrases of the jazz style. Basic knowledge of changing jazz styles through the years.

Term:/Credits: Semester (1)

Prerequisite: Ballet I, Modern I

Choreography Workshop

The study of basic rhythmic, spatial, and dynamic materials used in the designing of dance. From short, simple works, the student choreographer will progress to larger pieces and produce a complete work for evaluation by the dance faculty and formal preparation during the end of the senior year.

Term:/Credits: Semesters (1)

Prerequisite: NA

Fine Arts Pathway

Pre-AP Dance

The Pre-AP Dance course has two instructional modules. The first module highlights written texts as source material for works of dance. Throughout the five weeks of instruction, students will work individually and collaboratively to create two dance studies based on very short stories, considering the ways that dance can be used to interpret specific aspects of each narrative. Students will generate basic movement ideas around a main character, theme, or important moment of a story. These ideas may be rather concrete or literal at first, and then students will be guided in abstracting and iterating on these ideas by considering the ways that elements of time, space, and energy or dynamics can be best used to express their ideas. These guided experiments provide an accessible introduction to choreography for students who may have little experience in this area. Students will develop dance phrases individually or in pairs, and will eventually work collaboratively in small groups to put the components together into a dance study. In doing so, they will be guided in skills of collaboration and effectively giving and receiving peer-to-peer feedback.

The second instructional module deals with structures. This module guides students in the study of the characteristics of particular genres of dance namely, ballet and hip hop and in studying and practicing the fusion of the two. Deep analysis and ongoing reflection are as essential to this work as any skills of practice or performance in the genres being studied. Students will identify the key characteristics of each genre, practice movements unique to each genre, and then consider how these movements relate to their own strengths and preferences as dancers. Finally, they will build a short dance study reflecting their understanding of the key characteristics of ballet and hip hop, and experimenting with the fusion of the two.

Term:/Credits: Semester (1)

Prerequisite: 9th Grade Standing

Prerequisite: Ballet I/II, Modern Dance, Jazz

Instrumental Music (All Instrumental Music classes can be supplemented as a Music credit.)

Band I

Open to students possessing beginner to intermediate skills on woodwind, brass, and percussion instruments, students in Concert Band I study and perform music on a beginner/intermediate level (Grades 1-2) with emphasis on developing technical ability, knowledge of phrasing, tone, balance rhythmic accuracy, and interpretation.

Term:/Credits: Semesters (1)

Prerequisite: N/A

Band II

Open to students possessing intermediate skills on woodwind, brass, and percussion instruments, students in concert Band II study and perform music on an intermediate level (Grades 2-3). Students in Concert Band II continue to develop those skills introduced in Concert Band I.

Term:/Credits: Semesters (1)

Prerequisite: Band I

Fine Arts Pathway

Jazz Band

Reflects traditional Big Band instrumentation (saxophone, trumpet, trombone and rhythm section). Students are exposed to the history of jazz, a variety of jazz styles, as well as the work of specific musicians with a distinct type of jazz. They will be expected to be able to classify, analyze, critique and apply what they learn. This is a performance class; therefore, students are expected to attend all rehearsals, sectionals and performances.

Term:/Credits: Semesters (1)

Prerequisite: Music Theory, Band I /II

Beginning Band

Beginning Band is a full -year course open to students possessing no previous skills on woodwind, brass, and percussion instruments. Students in Beginning Band study and perform music on a novice (Grade.5-1) level with emphasis on developing technical ability, knowledge of phrasing, tone, balance, rhythmic accuracy, and interpretation. Beginning Band will perform at concerts and other special occasions. These performances are considered culminating experiences without equivalent substitutes.

Students accept the performance calendar as a condition of participation and as part of the course requirement.

Term:/Credits: Semester (1)

Prerequisite: NA

Concert Band I

Concert Band I- is a full -year course open to students possessing intermediate skills on woodwind, brass, and percussion instruments. Students in Concert Band study and perform music on an beginner/ intermediate level (Grades 1- 2) with emphasis on developing technical ability, knowledge of phrasing, tone, balance, rhythmic accuracy, and interpretation. Concert Band performs at concerts and other special occasions. These performances are considered culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.

Term:/Credits: Semester (1)

Prerequisite: NA

Concert Band II

Concert Band II- is a full -year course open to students possessing intermediate skills on woodwind, brass, and percussion instruments. Students in Concert Band study and perform music on an intermediate level (Grades 2- 2 ½) with emphasis on developing technical ability, knowledge of phrasing, tone, balance, rhythmic accuracy, and interpretation. Concert Band performs at concerts and other special occasions. These performances are considered culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.

Term:/Credits: Semester (1)

Prerequisite: Concert Band I

Piano Lab

This course is designed to teach piano to the student who has never had the opportunity to play, but has a desire to learn.

Course Objectives

- Students will learn piano in a Lab setting
- Students will develop note reading, music notation, music theory and improvisational skills
- Students will play simple melodies
- Students will perform a recital twice a semester

Term:/Credits: Semester (1)

Prerequisite: Pre-AP Music (9th Grade)

Fine Arts Pathway

Vocal Music (All Vocal Music classes can be supplemented as a Music credit.)

Music

This course aims to ignite a new excitement and curiosity in the world of music. This course will bridge the gap between the student and all the contributing factors that makes music what it has become. Music plays a pertinent role in our society and this course will provide students with the reasons why. Students will be required to apply the essential basic elements of music theory, read and compose original musical pieces, appreciate a wide range of musical repertoire as well as develop a subjective ear for music listening, understand and apply the different genres, forms, periods and composers of music.

Term:/Credits: Semester (1)

Prerequisite: N/A

Music Theory

Music Theory provides the written listening, and analytical skills needed to understand the organization and structure of music and to use this knowledge to compose original work. Students acquire skills in ear training, musical notation, interval recognition, chord structure, harmonic progression, and form. Examples are analyzed from music literature to see how music theory functions in music of all styles.

Term:/Credits: Semester (1)

Prerequisite: N/A

Digital Music

This course serves to examine Digital music history from the late 60's to the present using various articles. We will examine the major music producers, music technology, music software, and events that have shaped the sound of music as we know it. Students will also have the opportunity to compose original music and contemporary tracks on school laptops using the music software Sibelius for the original compositions and Mixcraft for the contemporary tracks. Upon completion of this course, students will:

- 1) Demonstrate a large musical vocabulary.
- 2) Understand basic music theory
- 3) Sample various sounds and songs
- 4) Build and produce tracks using Mixcraft
- 5) Compose original songs using Sebelius

Term:/Credits: Semester (1)

Prerequisite: N/A

Fine Arts Pathway

Senior Recital

Students will spend their time in this class perfecting their skills on the instrument(s) of their choice in preparation for their final performance which is a compilation of all they have learned and/or created over their course of studies.

Term:/Credits: Semester (1) Prerequisite: Music Theory, Band I, Band II, Jazz Band

Pre-AP Music

The Pre-AP Music course has two instructional modules. The first module introduces students to programmatic music: instances where extra-musical sources—including images, stories, events, and pre-existing musical works—inspire musical creativity. The lesson sequence involves the extended study of an "anchor work" of programmatic music, which varies according to the type of ensemble (orchestra, band, or chorus) that is being taught. Students will initially apply their understanding of the programmatic intent of the piece by suggesting specific expressive choices that may be made in their ensemble's performance of the work. In addition to studying and performing this anchor work, students will be introduced to other programmatic examples, including Schubert's *Der Erlkönig* in order to analyze and describe the ways that composers and performers purposefully manipulate musical elements for a particular expressive purpose. Throughout the unit, students will be given opportunities to experiment with musical choices and ideas, offer and receive productive peer-to-peer feedback, and collaboratively refine their performance as an ensemble.

The second instructional module deals with structures. Although students in both instrumental and vocal ensembles work with scales as a musical structure, it is rare that students step away from the technical/performance experience of scales to explore more fully the concept of scale as a construct that provides the melodic underpinning for a great variety of musical styles—Western and non-Western, folk and classical, tonal and atonal. This module affords teachers and students a framework for such exploration. This module engages students in preliminary work on scales, a topic given much fuller coverage in AP Music Theory.

Term:/Credits: Semester (1)

Prerequisite: 9th Grade Standing

Voice Class

The primary goal of this course is to ignite a new found excitement and curiosity into the world of singing. This is a year-long course offered to current and aspiring singers in grades 10-12, regardless of their previous vocal experience. The core curriculum explores basic vocal technique, music theory, performance and history as it relates to Blues, Jazz, musical theatre, Gospel, Folk, R&B, Rock, Hip Hop, and other genres.

Term:/Credits: Semester (1)

Prerequisite: NA

Fine Arts Pathway

Vocal Lesson I

Emphasis is placed on improving the technique and skills of solo vocal singing. The teacher works with singers to prepare not only operatic roles, but also arias, song and oratorio literature. Elements of coaching include: pitch and tuning, rhythm, language and style, harmony and expression. Students also perform for one another and exchange constructive comments that are designed to improve vocal production and presentation.

Term:/Credits: Semester (1)

Prerequisite: N/A

Vocal Lesson II

This course that progress from beginner to intermediate and advanced in skill, level and difficulty to repertoire. Students improve their proficiency levels in ear training music theory and performances. As they sing, they will be learning all types of repertoire from gospel to Broadway.

Term:/Credits: Semester (1)

Prerequisite: Vocal Lesson I

Choir I

Friendship Collegiate Choir I is a year-long, upper-level performance opportunity offered to experienced music students who are accomplished in vocal performance. non-auditioned ensemble committed to the exploration and performance of exceptional choral literature. The main goal of this group is to prepare each piece we perform extremely well emphasizing accurate pitches, diction, phrasing, musicality, balance, blend, vocal production, and correct period practices. In order to achieve this, students are expected to know their individual part completely. Initial rehearsals will focus on part learning, while subsequent rehearsals will address the other musical aspects listed above. When possible, students will have access to learning tracks for their part so they can practice outside of rehearsal. Great satisfaction and enjoyment comes from rehearsing and performing music that has been well prepared.

- To develop and demonstrate healthy vocal techniques: posture, breathing, tone placement, diction, and expression;
- To develop and use a knowledge of music reading: pitch, rhythm, symbols, and vocabulary;
- To develop the skill of singing independently and cooperatively in a group;
- To develop an understanding of varied historical performance practices and to convey these styles in performance with appropriate historical practices;
- To develop competency in both presenting concerts and being constructively critical and self-evaluative about your own performing;
- To develop and broaden levels of musical thinking in order to promote life-long learning and long-term participation in the choral arts.

Term:/Credits: Semester (1)

Prerequisite: NA

Fine Arts Pathway

Foundations of Music

The primary goal of this course is to ignite a new excitement and curiosity into the world of music. It is important to bridge the gap between the student and all the contributing factors that made music what it is today. Music plays such a pertinent role in our society, it is important that we take the necessary steps to understand how and why.

Term:/Credits: Per Quarter (.5)

Prerequisite: NA

Drama (All Drama classes can be supplemented as an Art credit.)

Drama I - Theater

Introduces Drama pathway students to the principles and techniques of creating believable characters through action, improvisation, analysis, movement, business, physicalization, vocal control, audition workshop, scene student and interpretation. Major contemporary playwrights are used for scene study.

Term/Credit: Semester (1)

Prerequisite: NA

Drama II

Students will continue to develop the skills acquired in Drama I through working on acting exercises, duet scenes from contemporary dramatic literature and the introduction of actin in period plays.

Term/Credit: Semester (1)

Prerequisite: Drama I; Art Credit

Technical Production

Technical Theatre is a program that allows students hands on opportunity behind the scenes of a show, or large production. Our technical Theatre programs nurture students in costuming, make up, stage management, technical sound and stage lighting. Students practice daily as well as understand the origin and history of theatre arts.

Term/Credit: Semester (1)

Prerequisite: NA

Theatre History and Culture

A study of the origins and development of western theatre from ancient civilizations to the Renaissance. Emphasis is placed on the development of dramatic forms through the reading of plays, the evolution of theatre architecture, and production in the western theater.

Term/Credit: Semester (1)

Prerequisite: NA

Fine Arts Pathway

Technology

Digital Graphics (Art Credit)

This introductory course deals with controlling computer technology to produce an artistic image. Students will learn computer illustration techniques, image manipulation, digital camera use, graphic design visual literacy, and the principles and elements of art in composition. Historical movements in art will also be studied as they relate to student projects.

Term/Credit: Semester (1)

Prerequisite: N/A

Yearbook

In this course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copywriting, editing and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class! Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

Term/Credit: Semester (1)

Prerequisite: N/A

Web Design (Art Credit)

Web Design is a hands-on introduction to designing, building, and launching websites. Students learn the basics of HTML coding, explore various web development tools, and get practice creating websites using Adobe Dreamweaver. They learn how to make their websites more effective by applying the principles of design as well as usability and accessibility criteria. Finally, students take a look at various career opportunities in web design.

Term/Credit: Semester (1)

Prerequisite: N/A

Digital Video Production

Digital Video Production provides a hands-on introduction to digital video production. It guides students through all phases of digital video production, from planning, executing, and managing a video shoot to editing footage. Students explore methods of sharing and broadcasting digital videos, including platform versions, CDs/DVDs, and web delivery. They also learn about publicizing a digital video, using techniques such as search engines to direct viewers to the production. Finally, students explore career opportunities in digital video production.

Term/Credit: Semester (1)

Prerequisite: N/A

Communication

Broadcast Production I

The course covers a broad range of topics dealing with Broadcast Production. Students will be offered the various skills and techniques required in creating and producing a variety of electronic media programs. In Broadcasting Production, students will learn how to write a script, produce a show, manage a station, promote on air personalities, and record audio for the radio and television.

Term/Credit: Semester (1)

Prerequisite: N/A

Fine Arts Pathway

Broadcast Production II

This advanced course allows for students to study the problems and techniques of studio-based, multi-camera, real-time television production. The objective is to have the students prepare, produce, and direct programs for broadcast.

Term/Credit: Semester (1)

Prerequisite: Broadcast Production I

Friendship News Network I

Welcome to the fast-paced, adrenaline pumping world of broadcast television. Friendship News Network Students create fun and engaging projects to connect with students and staff on our daily broadcast. In addition, you will write scripts, shoot and edit video, interview students and teachers, and run broadcast production equipment. Your contributions will fill the segments on the morning show seen by our entire school each day.

Term/Credit: Semester (1)

Prerequisite: N/A

Friendship News Network II

An advanced in depth development of the skills introduced in FNN I. Friendship News Network Students create fun and engaging projects to connect with students and staff on our daily broadcast. In addition, you will write scripts, shoot and edit video, interview students and teachers, and run broadcast production equipment. Your contributions will fill the segments on the morning show seen by our entire school each day.

Term/Credit: Semester (1)

Prerequisite: FNN I

Introduction to TV Production and Writing I

If you've ever thought about a career in television or photojournalism then here's the place to start. In this course, you'll learn to produce videos and photography for school events—including FCA's award-winning football games, performances, and much more. In addition, you'll learn to write and produce school news, reviews, and opinion pieces for Collegiate's online news site at codefn.com/collegiate.

Term:/Credits: Semester (1)

Prerequisite: NA

Introduction to TV Production and Writing II

In this course, you'll build on the skills you learned in the first semester while you produce state-of-the-art video news, photo essays, news stories, and more. You'll learn what it's like to work in a professional newsroom as you produce news projects as part of the Friendship News Network news team. Prerequisite: Introduction to TV Writing and Production 1.

Term:/Credits: Semester (1)

Prerequisite: Introduction to TV Production and Writing II

Fine Arts Pathway

Produce A Television Talk Show 1

Welcome to **Knight Cast**, FNN's brand new fast-paced online television talk show for advanced students who are seriously interested in pursuing careers in TV journalism. As part of the Knight Cast news crew, you'll learn everything it takes to produce a monthly online news program. Using state-of-the-art equipment and software, you'll be assigned a role that's in line with your interests including, producer, director, camera person, photographer, video editor, reporter, news anchor, or scriptwriter. Prerequisites: FNN Introduction to Television Production 1 & 2 and an invitation from the instructor.

Term:/Credits: Semester (1)

Prerequisite: NA

Produce A Television Talk Show II

This is a continuation of Produce a Television Talk Show 1.

Term:/Credits: Semester (1)

Prerequisite: Produce A Television Talk Show I

Independent Study for Advanced Students

This course is for advanced students who would like to develop their own projects such as documentary filmmaking, or multimedia production. Grants may be available to help you fund your project. In order to be considered for Independent Study, you will be required to submit a proposal to FNN High School Coordinator, Flonora Merritt, fmerritt@friendshipschools.org.

Term:/Credits: Semester (1)

Prerequisite: NA

Early College and Summer University Programs

If you are serious about majoring in journalism or communications and have a good academic history at Collegiate, consider choosing an early college course during the school year or a summer program on a university campus for college credit. Contact FNN High School Coordinator, Flonora Merritt, fmerritt@friendshipschools.org for more information.

Term:/Credits: Semester (1)

Prerequisite: NA

FNN Photojournalism

This year-long course is sponsored by Friendship News Network (FNN), Collegiate's online news source by and for students. Members of this class will automatically be a part of FNN's photojournalism team. Over the course of the year, student photographers will learn as they produce photos for the FNN Collegiate News Bureau and the FCA Yearbook. They'll learn to use their cameras to tell visual stories about all FCA activities including sports, STEM and the arts happening in FNN's online gallery. At the end of the school year, students will show off their work in a special gallery exhibition and open house.

Term:/Credits: Year-Long (1)

Prerequisite: NA

STEM Careers Pathway - Engineering Pathway

Principles of Information Technology

This is the first course students take in the Pathway of Information Technology. It provides an overview of information technology and introduces students to the basics of hardware and software. Students examine hardware components including peripherals, connectors, and memory. Students explore common operating systems, software applications, and programming languages. Students learn about types of networks and network topology, and they set up an email client/server connection. Students also consider contemporary issues such as security, privacy, and technological inequality. Finally, students explore career opportunities in IT.

Term/Credit: Semester (1)

Prerequisite: N/A

Introduction to Engineering Design (IED)

Through hands-on projects, students are exposed to professional communication and collaboration methods, design ethics, and technical documentation. Students use Industry standard 3D solid modeling software to design and document their solutions to design problems and challenges. They, then, communicate their design solutions to peers and members of the professional community. Designed for 9th or 10th grade students, the major focus of IED is the design process and its application. This course will be offered to all 9th grade students.

Term/Credit: Semester (1)

Prerequisite: N/A

Digital Electronics (DE)

Students will use Nvu or Dreamweaver to learn HTML and set up links and formatting of pages. In the Digital Graphics element of the course, students will learn to manipulate balance, contrast, unity, emphasis and rhythm as well as advanced layering techniques. In the Web Design element, students will learn flow in design, formatting, data representation, HTML and basic scripting.

Term/Credit: Semester (1)

Prerequisite: N/A

Principles of Engineering

Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

Term/Credit: Semester (1)

Prerequisite: N/A

Engineering Design and Development

Students identify a real-world challenge and then research, design, and test a solution, ultimately presenting their unique solutions to a panel of engineers.

Term/Credit: Semester (1)

Prerequisite: N/A

Introduction to Computer Science

This course is aimed at students with little or no programming experience. It aims to provide students with an understanding of the role computation can play in solving problems. It also aims to help students, regardless of their major, to feel justifiably confident of their ability to write small programs that allow them to accomplish useful goals.

Term/Credit: Semester (1)

Prerequisite: N/A

STEM Careers Pathway - Engineering Pathway

Introduction to Programming

Introduction to Programming uses Python as a basis for learning general programming skills. Students learn programming principles by comparing Python to other programming languages. They use models as a way to quickly solve new problems using knowledge and techniques already learned. Students

Term/Credit: Semester (1)

Prerequisite: N/A

Computer Science Essentials

Computer Science Essentials exposes students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students use visual, block based programming and seamlessly transition to text-based programming with languages such as Python® to create apps and develop websites, and learn how to make computers work together to put their design into practice. They apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

Term/Credit: Semester (1)

Prerequisite: N/A

Computer Science Principles

This course is designed to introduce students to the central ideas of computer science, to instill ideas and practices of computational thinking and to have students engage in activities that show how computing changes the world. This course is rigorous and rich in computational content and includes computational and critical thinking skills that engage students in the creative aspects of the computer science field.

Term/Credit: Semester (1)

Prerequisite: N/A

Computer Science A

Introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

Term/Credit: Semester (1)

Prerequisite: N/A

Cybersecurity

Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. Beta version available Fall 2018 and full course release for 2019-20.

Term/Credit: Semester (1)

Prerequisite: N/A

Robotics

In this course, students take on the roles of mechanical engineers, computer scientists and electrical engineers. Students research dynamics, kinematics and sensors. Subjects such as motion planning and obstacle avoidance, velocity and acceleration, serial chain mechanisms, pneumatic actuators, and drive circuits are covered. Students put knowledge into practice through lab settings where robots are created with teams.

Term/Credit: Semester (1) Prerequisite: N/A

STEM Careers Pathway - Health Pathway

Biomedical Innovation

Students build on the knowledge and skills gained from previous courses to design their own innovative solutions for the most pressing health challenges of the 21st century.

Term/Credit: Semester (1)

Prerequisite: NA

Medical Interventions

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Term/Credit: Semester (1) Prerequisite: NA

Principles of the Biomedical Sciences (PBS)

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Term/Credit: Semester (1) Prerequisite: NA

Environmental Sustainability (Science Credit)

Students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply, and renewable energy.

Term/Credit: Semester (1)

Prerequisite: N/A

Human Body Systems

Through projects such as determining the identity of a skeleton using both forensic anthropology and DNA analysis, students examine the interactions of human body systems and apply what they know to solve real-world medical cases.

Term/Credit: Semester (1)

Prerequisite: N/A

STEM Careers Pathway - Health Pathway

Sports Medicine

The Introduction to Sports Medicine course is a two (2) semester course designed for students who are interested in fields such as athletic training, physical therapy, medicine, nursing, fitness, kinesiology, nutrition and other sports medicine related fields. This course has two teaching components both in the classroom and lab (AT room or Weight room), both will require a lot of hands on applications. The course focuses on the basic information and skills important in the recognition of care, prevention, and rehabilitation of athletic injuries.

Term/Credit: Semester (1)

Prerequisite: N/A

BUILD

BUILD's mission is to use entrepreneurship to excite and propel disengaged students through high school to college success. In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to come up with new business ideas, write a business plan, attract investors, market their business, and manage expenses. The course culminates in a presentation where student teams present their business plans to venture capitalists to receive funding.

Term: Year Credit: 1.00

Prerequisite: N/A

Course Catalog



National

Math

Accelerate to Algebra 1 (Courseware Only)

Accelerate to Algebra 1 is a short course designed to prepare students for success in Algebra 1. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Algebra 2 (Courseware Only)

Accelerate to Algebra 2 is a short course designed to prepare students for success in Algebra 2. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Geometry (Courseware Only)

Accelerate to Geometry is a short course designed to prepare students for success in Geometry. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques to rewrite and solve expressions and equations. Students will also explore simple probability and revisit fundamental geometric relationships.

Algebra 1 A/B

Algebra 1 v7.0 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for Mathematics. The specific standard alignment for each lesson is visible to both educators and students. In addition to the emphasis on alignment, the lessons in the new course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for students.

Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial.

The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. This fresh new look and feel for the course was inspired by educator feedback.

Educators were also involved in the course at the design-level, as many unit activities, worksheets, and video scripts were written by current algebra classroom teachers. Algebra 1 v7.0 reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design.

Algebra 2 A/B

Algebra 2 v7.0 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Algebra 2 v7.0 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Consumer Mathematics

This course explains how four basic mathematical operations – addition, subtraction, multiplication, and division – can be used to solve real-life problems. It addresses practical applications for math, such as wages, taxes, money management, and interest and credit. Projects for the Real World activities are included that promote cross-curricular learning and higher-order thinking and problem-solving skills.

Financial Mathematics A/B

Financial Algebra is designed to instruct students in algebraic thinking while also preparing them to navigate a number of financial applications. Students will explore how algebraic knowledge is connected to many financial situations, including investing, using credit, paying taxes, and shopping for insurance. In studying these topics, students will learn about the linear, exponential, and quadratic relationships that apply to financial applications. In addition, the course will help prepare students to tackle the wide variety of financial decisions they will face in life, from setting up their first budget to planning for retirement.

Course Catalog



Geometry A/B

Geometry v6.0 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering a focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforced connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Geometry v6.0 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Integrated Math 1 A/B

These two semester-long courses are designed to enable all students at the high-school level to develop a deep understanding of the math objectives covered and leave them ready for their next steps in mathematics. The courses are built to the Common Core State Standards. The three units in Semester A advance students through the study of single-variable expressions to systems of equations, while Semester B covers functions, advanced functions, and concludes with a practical look at the uses of geometry and trigonometry.

Integrated Math 2 A/B

Building on the concepts covered in Integrated Math 1, these courses are based on proven pedagogical principles and employ sound course design to effectively help students master rules of exponents and polynomials, advanced single-variable quadratic equations, independent and conditional probability, and more. Online and offline activities combine to create an engaging learning experience that prepares high school learners for their next step in their studies of mathematics.

Integrated Math 3 A/B

Beginning with the simplification of rational and polynomial expressions, Semester A takes students through the next steps in mastering the principles of integrated math. These two semester-long courses focus on meeting Common Core objectives with engaging and interactive content. Semester B begins with the derivation of the trigonometric formula for the area of a triangle, and proceeds through the use of functions and on developing the critical thinking skills necessary to make logical and meaningful inferences from data.

Math 8 A/B

This course is designed to enable all students at the middle school level to develop a deep understanding of math objectives and leaves students ready for algebra. The first semester covers objectives in transformations, linear equations, systems of equations, and functions. The second semester focuses on scientific notation, roots, the Pythagorean Theorem and volume, and statistics and probability. The course is based on the Common Core State Standards Initiative and on a modern understanding of student learning in mathematics.

Precalculus A/B

Precalculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. Precalculus also provides a detailed look at trigonometric functions, their graphs, the trigonometric identities, and the unit circle. Finally, students are introduced to polar coordinates, parametric equations, and limits.

Probability & Statistics

This course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions.

English Language Arts

Accelerate to English 09 (Courseware Only)

Accelerate to English 09 is a short course designed to prepare students for success in English 09. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to English 10 (Courseware Only)

Accelerate to English 10 is a short course designed to prepare students for success in English 10. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, persuasive techniques, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Course Catalog



Accelerate to English 11 (Courseware Only)

Accelerate to English 11 is a short course designed to prepare students for success in English 9. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will read literary and informational texts to analyze how authors use various structures, elements, and techniques to create effects. Students will also use close reading strategies to interpret texts and inform your writing.

Accelerate to English 12 (Courseware Only)

Accelerate to English 12 is a short course designed to prepare students for success in English 12. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also compose brief analyses to demonstrate your understanding of the historical and cultural perspectives in these texts.

Business English A/B

Business English is designed to strengthen students' ability to read and write in the workplace. Writing for business purposes is a main focus of the course. Students will learn how to communicate effectively through email and instant messaging, as well as format specific types of business messages and workplace documents. The role of digital media, visuals, and graphics in workplace communication will be explored. The importance of professionalism, ethics, and other positive skills are also emphasized in the course. Additionally, guidance is provided to help students through the process of searching, applying, and interviewing for a job.

English 06 A/B

This course provides a strong foundation in grammar and the writing process. It emphasizes simple but useful composition and language mechanics strategies with multiple opportunities for modeling practical, real-world writing situations that will enable students to improve their written communication skills quickly. Through a variety of grade-appropriate reading selections, students develop a clear understanding of key literary genres and their distinguishing characteristics.

English 07 A/B

English 7 integrates the study of writing and literature through the examination of a variety of genres. Students identify the elements of composition in the reading selections to understand their function and effect on the reader. Practice is provided in narrative and expository writing. Topics include comparison and contrast, persuasion, and cause and effect essays, as well as descriptive and figurative language. Lessons are supplemented with vocabulary development, grammar, and syntax exercises, along with an introduction to verbal phrases and research tools.

English 08 A/B

Extends the skills developed in English 7 through detailed study of parts of sentences and paragraphs to understand their importance to good writing. Students also acquire study skills such as time management and improved test-taking strategies. Other topics include punctuation, word choice, syntax, varying of sentence structure, subordination and coordination, detail and elaboration, effective use of reference materials, and proofreading.

English 09 A/B

English 9 v7.0 is a completely re-designed course that offers 100% alignment to Common Core State Standards for English Language Arts. In addition to an emphasis on alignment, the redesigned lessons are designed based on a clear thematic connection and build upon each other ensuring that standards are scaffolded and covered multiple times doing deeper with each lesson. Texts in this course are diverse, authentic, complex, and rich in length. Students encounter texts multiple times over the course of a unit digging deeper in theme and focus standards. Each lesson follows a clear instructional model mirroring that of the traditional tier-one lesson cycle: warm-up, direct teach with modeling, guided practice, independent practice, and closure. Instructional best practices are embedded throughout lessons such as close reading, modeling, and chunking. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

English 09 with Augmented Reality

English 9 with Augmented Reality v6.0 is a completely new course built for and 100% aligned to the Common Core State Standards for English Language Arts. A balance of fiction and nonfiction texts are used throughout the course, and each unit is designed around a thematic concept to provide cohesiveness to the skills-based lessons and activities that make up the unit. The course intertwines the development of reading skills with the development of writing, speaking and listening, and language skills. Students can look forward to a course where the information is delivered in easy-to-digest chunks using student-friendly language, with assessments that are tightly aligned to the concepts and skills learned in the lesson. The course design reflects educator feedback about student engagement by featuring a variety of interactions, videos, and new student resources, such as worksheets and guided notes. Educators were also involved with writing activities and worksheets for this course. English 9 with Augmented Reality v6.0 reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design. This course also includes Augmented Reality activities in partnership with Boulevard Arts. The AR activities in this course are designed to immerse students in their English Language Arts learning while providing access to famous works of art for cross-curricular learning purposes.

Course Catalog



English 10 A/B

English 10 is a completely re-designed course that offers 100% alignment to the Common Core State Standards for English Language Arts. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. This new design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials. This fresh new look and feel for the course was inspired by educator feedback. English 10 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

English 11 A/B

English 11A explores the relation between American history and literature from the colonial period through the realism and naturalism eras. English 11B explores the relation between American history and literature from the modernist period through the contemporary era and presents learners with relevant cultural and political history. Readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. The lessons in both semesters focus on developing grammar, vocabulary, speech, and writing skills.

English 12 A/B

In keeping with the model established in English 11, these courses emphasize the study of literature in the context of specific historical periods, beginning with the Anglo-Saxon and medieval periods in Britain. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. Semester B covers the romantic, Victorian, and modern eras. End of unit tests ensure mastery of the concepts taught in each unit, and exemptive pretests allow students to focus on content that they have yet to master.

Social Studies

Civics

National Civics is a one-semester course offering seven units that cover topics including the origins of American government, the structure and function of our government, rights and responsibilities of citizens, the American federal system, political parties and the election process, basic economic principles, and current matters regarding domestic and foreign policy. The course includes a variety of unit and lesson activities that examine the history, culture, and economy of the nation that encourage research and reflection. In these activities, students will examine seminal documents and landmark Supreme Court cases in American political history, analyze changes in federal and executive power over time, explore the political election process and data related to recent voting trends, research and propose a public policy plan, as well as compare and contrast the functions of the national government with state and local governments. The course also prepares students to pass the civics portion of the USCIS Naturalization Test.

Contemporary World A/B

The Contemporary World is a year-long course designed to strengthen learners' knowledge about the modern world. Multimedia tools including custom videos as well as videos from the BBC, custom maps, and interactive timelines will help engage learners as they complete this course. Learners will explore the importance of geography, the influence of culture, and the relationship humans have with the physical environment. They will also focus on the responsibility of citizens, democracy in the United States, U.S. legal systems, and the U.S. economy. Ultimately, learners will complete this course as global citizens with an understanding of how to help and better their community and the world.

Economics

This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System.

Middle School U.S. History A/B

In Middle School U.S. History, learners will explore historical American events with the help of innovative videos, timelines, and interactive maps and images. The course covers colonial America through the Reconstruction period. Learners will develop historical thinking and geography skills, which they will use throughout the course to heighten their understanding of the material. Specific topics of study include the U.S. Constitution, the administrations of George Washington and John Adams, the War of 1812, and the Civil War.

Course Catalog



Middle School World History A/B

In Middle School World History, learners will study major historical world events from early human societies through to the present day. Multimedia tools including custom videos as well as videos from the BBC, custom maps, and interactive timelines will help engage learners as they complete this year-long course. They will explore the development of early humans and early civilizations. They will be introduced to the origins of major world religions, such as Hinduism and Buddhism. Also, learners will study the medieval period. Historical thinking and geography skills will be taught and utilized throughout the course.

U.S. Government

The interactive, problem-centered, and inquiry-based units in U.S. Government emphasize the acquisition, mastery, and processing of information. Semester A units include study of the foundations of American government and the American political culture, with units 2 and 3 covering the U.S. constitution, including its roots in Greek and English law, and the various institutions that impact American politics.

US History A/B

US History v3.0 is a two-semester course aligned to the principles of the C3 Framework. The course promotes the examination, analysis, and evaluation of important people and events in the history of the United States of America. The course also uses investigative questions to guide the examination and analysis of events. The content of the course is designed to promote understanding of the impacts historical events had on the numerous groups of diverse people who make up the United States. Clarifying Big Ideas (CBI) Lessons appear throughout the course to model critical thinking skills and strategies. These skills and strategies are woven throughout the lessons to allow students to practice using the skills in context. Activities further promote critical thinking about historical figures and encourage learners to analyze factors that impacted the decisions these figures made to shape the growth and development of the United States. The activities have learners analyze and evaluate primary and secondary sources, and have them form opinions while using evidence to support their opinions.

World Geography A/B

In an increasingly interconnected world, equipping students to develop a better understanding of our global neighbors is critical to ensuring that they are college and career ready. These semester-long courses empower students to increase their knowledge of the world in which they live and how its diverse geographies shape the international community. Semester A units begin with an overview of the physical world and the tools necessary to exploring it effectively. Subsequent units survey each continent and its physical characteristics and engage students and encourage them to develop a global perspective.

World History A/B

In World History, learners will explore historical world events with the help of innovative videos, timelines, and interactive maps and images. Learners will develop historical thinking skills and apply them to their study of European exploration, the Renaissance the Reformation, and major world revolutions. They will also study World War I, World War II, the Cold War, and the benefits and challenges of living in the modern world.

World History Survey A/B

In World History Survey, learners will study major historical events from early human societies through to the present day. Multimedia tools including custom videos as well as videos from the BBC, custom maps, and interactive timelines will help engage learners as they complete this year-long course. Topics of study include early civilizations, world religions, the Renaissance, the World Wars, and the globalized world of today.

Science

Biology A/B

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the [National Research Council \(2006, p. 3\)](#).

Lab materials note: Most hands-on labs employ relatively-common household materials. A few labs require specialized scientific equipment or materials, such as a microscope, slides, or biological samples. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student [Edmentum Lab Kits](#) may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Course Catalog



Biology with Virtual Labs A/B

This inquiry- and virtual-lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation.

Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose.

Chemistry A/B

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school chemistry along with additional concepts and standards typically included in a full-year high school chemistry course. Content topics include atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, and energy and changes in matter.

It also addresses additional concepts and standards typically included in a full-year high school chemistry course, including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the [National Research Council \(2006, p. 3\)](#).

Lab materials note: Most hands-on labs employ relatively-common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, test tubes, and chemical reagents. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student [Edmentum Lab Kits](#) may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

High School Earth and Space Science A/B

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school Earth and space science. Content topics include scientific processes and methods, the universe, the Precambrian Earth, the Earth's materials and tectonics, the hydrosphere and atmosphere, and human interactions with the Earth's systems and resources.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the [National Research Council \(2006, p. 3\)](#).

Lab materials note: Most hands-on labs employ relatively-common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, and a water testing kit. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student [Edmentum Lab Kits](#) may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Integrated Physics & Chemistry A/B

The lessons in this course employ direct-instruction approaches. They include application and Inquiry-oriented activities that facilitate the development of higher-order cognitive skills, such as logical reasoning, sense-making, and problem solving.

Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose.

Physics A/B

Physics introduces students to the physics of motion, properties of matter, force, heat, vector, light, and sound. Students learn the history of physics from the discoveries of Galileo and Newton to those of contemporary physicists. The course focuses more on explanation than calculation and prepares students for introductory quantitative physics at the college level. Additional areas of discussion include gases and liquids, atoms, electricity, magnetism, and nuclear physics.

Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose.

Career & Technical Education

3D Modeling 1a: Introduction

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself!

Note: This course has 8 units and is recommended to be taught over a single semester.

Course Catalog



Advertising and Sales Promotion

What comes to mind when you think of 'marketing'? Perhaps a familiar television jingle plays in your head? Or maybe you think of those irritating sales phone calls? There's no denying the sheer magnitude and power of the marketing industry. Every year companies spend approximately \$200 billion promoting their products and services—and that's just in the United States alone! You may be familiar with being on the receiving end marketing, but what's it like on the other side? In Advertising and Sales Promotions, you'll see how these marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. You'll learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry

Note: This course has 8 units and is recommended to be taught over a single semester.

Agriscience 1: Introduction

The word "agriculture" often evokes images of farms, fields, and livestock, and while all of these representations are correct and essential, the field of Agriculture is so much more! In Agriscience I: Introduction, you'll explore how agriscientists play key roles in improving agriculture, food production, and the conservation of natural resources along with the technologies used to keep the field thriving. Are you ready to explore the diverse careers in agriscience and how you can prepare to positively impact the planet? Let's get growing!

Note: This course has 8 units and is recommended to be taught over a single semester.

Agriscience 2: Sustaining Human Life

Have you ever strolled past a bright green cauliflower at the market and paused to ponder its unusual color? Ever wonder why "broccolini" is suddenly a thing? Well, if you find yourself curiously questioning these, and other, peculiar vegetables and wondering about the role of agriculture in the modern world, Agriscience II is for you. Learn how science and technology are revolutionizing our food supply and promoting innovative ways to produce healthy plant-based foods, such as developing better hybrids and growing edible plants in challenging places. Food is our most essential resource; see how plant science will change the face of eating in the 21st century and give us the knowledge to continually improve our green thumbs!

Note: This course has 8 units and is recommended to be taught over a single semester.

Animation 1a: Introduction

Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation!

Note: This course has 8 units and is recommended to be taught over a single semester.

Animation 1b: Animating Your Creativity!

It's time to start animating like the pros! In this hands-on course, you'll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away.

Note: This course has 8 units and is recommended to be taught over a single semester.

Artificial Intelligence

This one-semester course is focused on the history, applications, and innovations of artificial intelligence. Students will learn about intelligence agents, problem solving using search algorithms, knowledge representation, and reasoning in artificial intelligence. Students will also learn about the basic concepts of machine learning and natural language processing (NLP). Students will also learn about expert systems, computer vision and robotics. This 12-lesson course also covers ethics and safety related to artificial intelligence. Online discussions and course activities require students to develop and apply critical thinking skills, while the included games appeal to a variety of learning styles and keep students engaged.

Astronomy 1a: Introduction

Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe.

Note: This course has 8 units and is recommended to be taught over a single semester.

Astronomy 1b: Exploring the Universe

Building upon the prior prerequisite course, dive deeper into the universe and develop a lifelong passion for space exploration and investigation. Become familiar with the inner and outer planets of the solar system as well as the sun, comets, asteroids, and meteors. Additional topics include space travel and settlements as well as the formation of planets.

Note: This course has 8 units and is recommended to be taught over a single semester.

Course Catalog



Biotechnology 1a: Introduction

Biotechnology is a cutting-edge, high-demand field that encompasses everything from plant and animal breeding to genetics. Discover how biotechnology has changed the world around us, from food to genetics. Explore historical applications with modern discoveries. Understand how regulations and ethics govern the course of biotechnology and learn of its importance to the field of medicine.

Note: This course has 8 units and is recommended to be taught over a single semester.

Biotechnology 1b: Unlocking Nature's Secrets

Building on the prior prerequisite course, expand your knowledge in the field of biotechnology. Explore the discovery of antibiotics and the concerns of antibiotic resistance while also examining the agricultural, pharmaceutical, and genetic applications of biotechnology. Finally, learn about the future of biotechnology to understand the depth and breadth of this field.

Note: This course has 8 units and is recommended to be taught over a single semester.

Careers in Criminal Justice 1a: Introduction

Most of us have watched a sensationalized crime show at one time or another, but do we really know how things work behind those dreaded prison bars? Do we really understand all the many factors in our justice proceedings? The criminal justice system is a very complex field that requires many seriously dedicated people who are willing to pursue equal justice for all. The Careers in Criminal Justice course illuminates what those different career choices are and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order. Find out more about what really happens when the television show ends and reality begins.

Note: This course has 8 units and is recommended to be taught over a single semester.

Careers in Criminal Justice 1b: Finding Your Specialty

Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, and federal levels, and even in the private sector. Explore some of the various occupations in this field, while simultaneously learning how they interact with each other and other first responders. Discover various interviewing techniques to uncover the truth. Understand the importance of making ethical decisions, and how you need to keep your sense of right and wrong in check to be successful in this field.

Note: This course has 8 units and is recommended to be taught over a single semester.

Certified Nurse Aide A/B

The course is designed to enable students to learn the key skills and information that they need to work as certified nurse aides. The course will help students develop an understanding of the human body, physical and nutritional needs, mental health needs and teach them to provide culturally competent and quality care to clients in a safe and healthy environment. The course is based on the NNAAP Exam syllabus and is designed to prepare students to take the exam and become certified nurse aides.

The course has animations and videos that demonstrate key skills that students must acquire to work as nurse aides. The practice test at the end of the course gives students practice on the written exam that they'll need to give to become certified nurse aides.

Coding 1a: Introduction to Programming

Have you ever wanted to create your own web page or wondered how your favorite websites were built? Maybe you want to know more about how computers and technology are affecting the world around us. In Coding 1a: Introduction to Programming, you will explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn how the internet functions. You will also discover how to create and build your own website using HTML and CSS and learn basic and complex commands and sequences as you become familiar with programming languages like JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security.

Note: This course has 8 units and is recommended to be taught over a single semester.

Coding 1b: Programming

Cultivate your understanding of programming languages and expand on your knowledge of website development. Learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and JavaScript. You will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing.

Note: This course has 8 units and is recommended to be taught over a single semester.

CompTIA A+ 220-1001

This course is focused on the exam objectives of CompTIA A+ 220-1001. Students will learn about computer hardware and networking, including concepts related to virtualization and cloud computing. Students will learn about mobile devices and their features. Students will learn how to identify and troubleshoot problems related to hardware, networking, printers, storage devices, and mobile devices.

Unit activities in the course help students to develop and apply critical thinking skills.

Animations and screenshot-based slideshows included in the lesson keep students engaged. Students can understand technical concepts easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA A+ performance-based questions.

Practice test at the end of the course help students to practice questions that are parallel to the CompTIA A+ 220-1001 certification exam.

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CompTIA A+ 220-1002

This course is focused on the exam objectives of CompTIA A+ 220-1002. Students will learn about the features and tools in Windows, Mac/Linux, and mobile operating systems. Students will learn about security, cloud computing, and operational procedures. Students will also learn how to use remote access tools and identify and troubleshoot problems related to operating systems, security, and mobile applications.

Unit activities in the course help students to develop and apply critical thinking skills.

Animations and screenshot-based slideshows included in the lesson keep students engaged. Students can understand technical concepts very easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA A+ performance-based questions.

Practice test at the end of the course help students to practice questions that are parallel to the CompTIA A+ 220-1002 certification exam.

CompTIA Network+ Certification (N10-007)

This course is a two-semester course focused on the exam objectives of CompTIA Network+ certification N10-007. Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, routing, and switching. Students will learn about wireless technologies, virtualization, cloud concepts, and network services. Students will learn about network cables, connectors, network devices, network storage technologies, and wide area networks. Students will learn about network documentation, network monitoring, and remote access methods. Students will learn about business continuity, disaster recovery methods, physical and logical security methods. Students will learn how to secure a wireless network. Students will also learn about network attacks, and various device hardening and mitigation techniques. Finally, students will learn how to troubleshoot issues related to wired connectivity, wireless connectivity, and network services.

Unit activities in the course help students to develop and apply critical thinking skills. Animations included in the lesson keep students engaged.

Students can understand technical concepts very easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA Network+ performance-based questions. Practice Test at the end of the course help students to attempt questions that are similar to CompTIA Network+ certification N10-007 exam.

Concepts of Engineering and Technology

What if you could do the impossible? Engineers understand a lot of things, but the word impossible definitely isn't one of them. Through Concepts of Engineering and Technology, you'll learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. This course explores the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. This ever-increasing knowledge can also lead to serious ethical dilemmas and the need to discuss where the boundaries of science lie (or even if there should be boundaries). By examining astounding engineering feats and complex ongoing issues, you, too, will begin to question whether the word impossible really exists.

Note: This course has 8 units and is recommended to be taught over a single semester.

Cosmetology 1: Cutting Edge Styles

We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? In Cosmetology: Cutting-Edge Styles, you will learn all about this often entertaining field and how specialized equipment and technology are propelling our grooming into the next century. Just like all careers, cosmetology requires certain skills and characteristics, all of which are thoroughly explored in this course. You will learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course!

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Cosmetology 2: The Business of Skin and Nail Care

Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well-versed in the latest trends and technological advances. In Cosmetology 2: The Business of Skin and Nails, experience what the day-to-day life of a cosmetologist is like. You will discover that cosmetology is much more than knowing and applying techniques. Additionally, you will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology.

Note: This course has 8 units and is recommended to be taught over a single semester.

Cosmetology 3a: Introduction to Hair Skills

Cosmetology is a specialized field with a high skill set. Students taking this course will be exposed to the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. Students will also learn about hair types, face shapes, and color theory. Finally, to effectively prepare students for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined.

Note: This course has 4 units and is recommended to be taught over a single semester.

Cosmetology 3b: Waving, Coloring, and Advancing Hair Skills

Building on the prior prerequisite course, students will delve into the realm of hairstyling and cutting techniques. Students will explore varieties of wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Manual curling and the use of chemicals to curl and straighten hair are highlighted in this course as well as safety when working with chemicals. Students can expect to be well versed with a plethora of hair skills upon completion.

Note: This course has 8 units and is recommended to be taught over a single semester.

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Criminology: Inside the Criminal Mind

Understanding the criminal mind is not easy. Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. In *Criminology: Inside the Criminal Mind*, you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life-psychological, biological, sociological-all of which have differing perspectives and influences. You will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process.

Note: This course has 8 units and is recommended to be taught over a single semester.

Culinary Arts 1a: Introduction

Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide you with basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Finally, prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

Note: This course has 8 units and is recommended to be taught over a single semester.

Culinary Arts 1b: Finding Your Palate

Did you know that baking is considered a science? Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. Explore careers in the culinary arts for ways to channel your newfound passion!

Note: This course has 8 units and is recommended to be taught over a single semester.

Culinary Arts 2: Baking, Pastry, and More!

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, *Culinary Arts 2* will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure!

Note: This course has 12 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Cybersecurity 1a: Foundations

We depend more and more on the technologies we interact with every day, and we put more and more of our personal data out there online. Can all of that data really be kept “secret”? We all need to know more about how to protect our personal information, especially given how much we rely on and use our network devices and media. You’ll learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. You’ll also dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

Note: This course has 8 units and is recommended to be taught over a single semester.

Cybersecurity 1b: Defense Against Threats

Ever wonder what it’s like to be a hacker? Or think about who is trying to steal your passwords while you’re shopping online using the free Wi-Fi at your local coffee shop? Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyber attacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. In a world where such threats have no boundaries, cybersecurity will undoubtedly play an increasingly larger role in our personal and professional lives in the years to come.

Note: This course has 8 units and is recommended to be taught over a single semester.

Digital Photography 1a: Introduction

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.

Note: This course has 8 units and is recommended to be taught over a single semester.

Digital Photography 1b: Creating Images with Impact!

Building on the prior prerequisite course, further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring you photos to life. Using this knowledge, build a portfolio of your work to pursue a career in this field!

Note: This course has 8 units and is recommended to be taught over a single semester.

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Digital Photography 2: Discovering Your Creative Potential

In today's world, we are surrounded by images. We are continually seeing photographs as they appear in advertisements, on websites, in magazines, and on billboards; they even adorn our walls at home. While many of these images have been created by professional photographers, it is possible for your photos to take on a more professional look after you discover how to increase your creative potential. In Digital Photography II: Discovering Your Creative Potential, you will examine various aspects of the field including specialty areas, ethics, and famous photographers throughout history. You will also learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own.

Note: This course has 8 units and is recommended to be taught over a single semester.

Early Childhood Education 1a: Introduction

Are you curious to see what it takes to educate and nurture early learners? Use your curiosity to explore the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider!

Note: This course has 8 units and is recommended to be taught over a single semester.

Early Childhood Education 1b: Developing Early Learners

Discover the joys of providing exceptional childcare and helping to develop future generations. Learn the importance of play and use it to build engaging educational activities that build literacy and math skills through each stage of childhood and special need. Use this knowledge to develop your professional skills well suited to a career in childcare.

Note: This course has 8 units and is recommended to be taught over a single semester.

Entrepreneurship 1a: Introduction

Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true!

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Entrepreneurship 1b: Make Your Idea a Reality

You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!

Note: This course has 8 units and is recommended to be taught over a single semester.

Fashion Design

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating!

Note: This course has 8 units and is recommended to be taught over a single semester.

Food Handler and Food Manager Certifications

The Food Handler and Food Manager Certifications course helps students learn what they need to know to be successful in the National Restaurant Association (NRA) ServSafe® Food Handler and Manager Certification exam. The five units of the course arm students with the knowledge and skills to provide safe food to customers as a food handler or a food manager. Key topics include the principles of food safety, hygiene practices, time and temperature control, food procedures from initial purchasing to final serving, procedures for cleaning and sanitizing, and food service inspection protocols.

Forensic Science 1: Secrets of the Dead

Fingerprints. Blood spatters. Gunshot residue. If these things intrigue you rather than scare you, Forensic Science I: Secrets of the Dead may be for you. This course offers you the chance to dive into the riveting job of crime scene analysis. Learn the techniques and practices applied during a crime scene investigation and how clues and data are recorded and preserved. You will better understand how forensic science applies technology to make discoveries and bring criminals to justice as you follow the entire forensic process - from pursuing the evidence trail to taking the findings to trial. By careful examination of the crime scene elements, even the most heinous crimes can be solved.

Note: This course has 8 units and is recommended to be taught over a single semester.

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Forensic Science 2: More Secrets of the Dead

Every time a crime is committed, a virtual trail of incriminating evidence is left behind just waiting to be found and analyzed. In Forensic Science II: More Secrets of the Dead, you'll learn even more about the powerful science of forensics and how it has changed the face of crime and justice in our world. You will learn some basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology, and find out how scientists use everything from insects to bones to help them solve crimes. Discover how advanced techniques and methodical processes can lead to catching even the craftiest criminal. The best way to battle crime these days is not with a weapon, but with science.

Note: This course has 8 units and is recommended to be taught over a single semester.

Forensics: The Science of Crime

We watch with interest as crime scenes are dramatized on television and in film, and sit on the edge of our seat as various members of the justice system solve the most baffling cases. But what about the science behind the crime? Forensics: The Science of Crime explores the role science and technology plays in this fascinating and growing career. In this course, you'll learn the specialized skills and techniques used during a crime scene investigation and how evidence and data is expertly collected, preserved, and analyzed. With a strong focus on the innovative science used in the field as well as participation in interactive activities, you will follow the entire forensic process – from examining evidence to taking the findings to trial – and learn how the professionals are utilizing science to bring criminals to justice.

Note: This course has 12 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Forestry and Natural Resources

Whether you are a treehugger or not, everyone loves the beauty and serenity of a healthy forest. Our precious woodland species not only supply us with aesthetic beauty but also play a valuable role in nature. Trees uphold a great deal of our wildlife's ecosystem while providing us humans with needed lumber, paper products, and even food. But these forests cannot protect themselves and depend greatly on humans for conservation. In Introduction to Forestry and Natural Resources, you will learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. After better understanding these variables and how they affect the majesty of our forests, you may just be hugging these gentle giants after all.

Note: This course has 8 units and is recommended to be taught over a single semester.

Foundations of Green Energy

This is a two-semester CTE course for high school students who want to understand the rapidly growing and evolving energy field, with special emphasis on electrical energy and on new and emerging energy technologies. The course is designed to address state standards in the Energy and STEM domains as well as the Energy Industry Fundamentals Certificate Program (EIFCP) standards developed by the Center for Energy Workforce Development (CEWD). Unit topics include the energy industry; energy science and efficiency; electrical generation, transmission, and distribution; conventional, alternative, and emerging energy sources; health, safety, and security issues; and energy careers and pathways, from entry level to professional.

Great Minds in Science: Ideas for a New Generation

Sometimes there are simply more questions than answers. Does life exist on other planets? How extreme is the human ability to survive? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions by using extensive inquiry to find innovative solutions. Similar to such famous minds from history as Edison, Einstein, Curie, and Newton, the scientists of today are finding ways to revolutionize our lives and the world. Great Minds in Science: Ideas for a New Generation takes an in-depth look at the extraordinary work of these individuals and demonstrates how their ideas may very well shape the world of tomorrow.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Health Science 1: The Whole Individual

We know the world is filled with different health problems and finding effective solutions is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? How are such illnesses as meningitis and tuberculosis identified and diagnosed? Health Sciences I: The Whole Individual provides the answers to these questions and more as it introduces you to such health science disciplines as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment of human life in our future.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Health Science 2: Patient Care and Medical Services

Are you looking for a job that's challenging, interesting, and rewarding? These three words describe many of the different careers in health care, and Health Sciences II: Patient Care and Medical Services will show you how to become part of this meaningful vocation. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

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Health Science: Nursing

The demand for nurses has never been higher! Learn what it takes to become a nurse, pursue a career, and understand the practice of nursing and the healthcare system. With a strong focus on patient care, you'll explore safety, communication and ethics, relationship building, and how to develop wellness strategies for your patients. From emergency to rehabilitative care, to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.

Note: This course has 12 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Health Science: Public Health

What is public health? Who decides which diseases get funding and which do not? What are the reasons for health inequality? Study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role of worldwide current and future technologies and the ethics and governance of health on a global scale, and discover unique career opportunities you can pursue to make a difference.

Note: This course has 12 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

High School Career Discovery

Your future career is likely something you've dreamed about since you were a child. Now it's time to turn that dream into a reality! In this course, you will explore your own strengths, interests, and preferences and use that information to uncover the best career for you! You will explore 17 career clusters, learn about the skills needed to work in different industries, and choose a path to pursue. You'll build a plan to get you from high school to your first day on the job, and craft a strong portfolio to land your perfect job. You've dreamed about your future career. Now it's time to create a plan and turn that dream into a goal!

Note: This course has 8 units and is recommended to be taught over a single semester.

Hospitality & Tourism 1: Traveling the Globe

Think about the best travel location you've ever heard about. Now imagine working there. In the 21st century, travel is more exciting than ever, with people traversing the globe in growing numbers. Hospitality and Tourism: Traveling the Globe will introduce you to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around the world of leisure and travel, spotting trends, and planning tasteful events are just a few of the key aspects you will explore in this course as you locate your own career niche in this exciting field.

Note: This course has 8 units and is recommended to be taught over a single semester.

Hospitality and Tourism 2a: Hotel and Restaurant Management

If you love working with people, a future in hospitality may be for you. In Part 1 of Hospitality and Tourism 2: Hotel and Restaurant Management, you will learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. As well, you will discover trends and technological advances that makes each industry exciting and innovative. In Part 1, you can explore a variety of interesting job options from Front Desk and Concierge services to Maître d and food service.

Note: This course has 8 units and is recommended to be taught over a single semester.

Hospitality and Tourism 2b: Hotel and Restaurant Management

Take the next steps towards an exciting and fast-paced career with Hospitality and Tourism 2b: Hotel and Restaurant Management. Build on the skills you learned in 2a and delve deeper into one of the fastest growing industries in North America. You'll learn how to open and run your own hotel or restaurant, while reviewing the laws, regulations, and financial structure that constitute restaurant operations. Hone your management, communication, and leadership skills and explore the HR policies and processes that will help guide you to source the right talent for your business. You will also learn the importance of how to market your hotel or restaurant through networking, technology, and social media.

Note: This course has 8 units and is recommended to be taught over a single semester.

Human and Social Services 1: Introduction

Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. In Human & Social Services, you will explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you.

Note: This course has 12 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

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Human Geography: Our Global Identity

Modern humans have been roaming the earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs and lifestyles? In Human Geography: Our Global Identity, you will explore the diverse ways that different people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Discover how beliefs and ideas spread through time, shaping and changing the cultures they encounter. In this course, you'll gain tremendous insight into human geography and begin to better understand the important relationship between humans and their environments.

Note: This course has 8 units and is recommended to be taught over a single semester.

Interior Design

Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.

Note: This course has 8 units and is recommended to be taught over a single semester.

International Business: Global Commerce in the 21st Century

Imagine meeting with suppliers at an office in Europe while calling your salesroom that's back in Asia. Imagine investing in foreign markets and visiting partners in exotic locales. With the evolution of current technology, our world is more connected than ever before, and the business community today is larger than ever. International Business: Global Commerce in the 21st Century will demonstrate just how you can gain the knowledge, skills, and appreciation to live and work in the global marketplace. You will begin to understand how both domestic and international businesses are affected by economic, social, cultural, political, and legal factors and what it takes to become a true manager of a global business in the 21st century.

Note: This course has 8 units and is recommended to be taught over a single semester.

Journalism 1a: Introduction

Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field.

Note: This course has 8 units and is recommended to be taught over a single semester.

Journalism 1b: Investigating the Truth

Journalists are asked to tell the world a story every single day—and their job is, to tell the truth. Learn how to choose a topic, structure your story, research facts, hone your observational skills, and write an article following journalism tradition. Go beyond the print world and discover how journalism can lead to exciting careers that will put you right in the action.

Note: This course has 8 units and is recommended to be taught over a single semester.

Law & Order: Introduction to Legal Studies

Imagine if there were no laws and people could do anything they wanted. It's safe to say the world would be a pretty chaotic place! Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Laws are essential to preserving our way of life and must be established and upheld in everyone's best interest. In Law and Order: Introduction to Legal Studies, you'll delve deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you will learn to appreciate the larger legal process and how it safeguards us all.

Note: This course has 8 units and is recommended to be taught over a single semester.

Life Skills: Navigating Adulthood

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but with the right tools, they don't have to be. This course will encourage you to learn more about yourself and help you to prepare for the future. You will explore goal setting, decision making, and surviving college and career. You will also discover how to become a valuable contributing member of society. Now is the time to take action. It's your life, make it count!

Note: This course has 8 units and is recommended to be taught over a single semester.

Manufacturing: Product Design and Innovation

Think about the last time you visited your favorite store. Now picture the infinite number of products you saw. Have you ever wondered how those things made it to the shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In Introduction to Manufacturing: Product Design and Innovation, you will learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will plan your own manufacturing process and create an entirely original product! If you thought manufacturing meant mundane assembly lines, this course will show you how exciting, creative, and practical this industry can be.

Note: This course has 8 units and is recommended to be taught over a single semester.

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Marine Science: Secrets of the Blue

Have you ever wondered about the secrets of the deep, and how the creatures below the ocean's surface live and thrive? It is truly a new frontier of discovery, and in Marine Science you will begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, you will conduct various scientific procedures that will lead to an increased level of knowledge about Marine Science. You will also have the opportunity to use technology and laboratory instruments in an academic setting. By recognizing the inherent ethics and safety procedures necessary in advanced experiments, you will become progressively more confident in your abilities as a capable marine scientist.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Military Careers: Introduction

Most of us have seen a war movie; maybe it had a hotshot aviator or a renegade private or a daring Special Forces operative. But outside of these sensationalized portrayals, do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine, and Introduction to Military Careers will provide the information you need to gain a broader understanding of how to find the right fit. You will learn about the five military branches— Air Force, Army, Coast Guard, Marines Corps, and Navy—and examine which jobs you might like to pursue. From aviation, to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.

Note: This course has 8 units and is recommended to be taught over a single semester.

National Security

Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. In National Security, you will have the opportunity to learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Put yourself in the position of the country's decisive leaders and develop your own knowledge base and skill set necessary to meet the requirements of our nation's most demanding career.

Note: This course has 8 units and is recommended to be taught over a single semester.

Networking Fundamentals

This course is a two-semester course focused on the concepts of networking. Students will learn about careers in networking and employability skills required for a career in networking. Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, and Internet of Things (IoT) technologies. Students will learn about networking devices, cables, media, and connectors. Students will learn to set up a small wired network. Students will learn about network security threats and preventive measures to secure a network. This course also covers network planning, administration, troubleshooting, and maintenance. Students will learn about wireless networking standards and access methods. Students will learn to set up and secure a wireless network. Students will learn about virtual private networks and cloud computing. Students will also learn to troubleshoot issues related to wired and wireless networks.

Unit activities in the course help students to develop and apply critical thinking skills.

Animations included in the lesson keep students engaged. Students can understand technical concepts very easily.

Simulations provide students a real computer environment to practice various procedural steps.

Nutrition and Wellness

To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.

Note: This course has 8 units and is recommended to be taught over a single semester.

Peer Counseling

Are you the person that people come to for advice? Does it seem that your friends always talk to you about their problems? If so, Peer Counseling may be the perfect course for you. It offers ways for you to explore this valuable skill and better understand how it can make a difference in the lives of others. Helping people achieve their personal goals is one of life's most rewarding experiences, and Peer Counseling will show you the way to provide support, encouragement, and resource information. Learn how to observe others as a Peer Counselor as you carefully listen and offer constructive, empathic communication while enhancing your own communication skills.

Note: This course has 8 units and is recommended to be taught over a single semester.

Personal and Family Finance

We all know money is important in life. But how important? In fact, the financial decisions you make today may have a lasting effect on your future. Rather than feeling anxious about money feel empowered by learning how to make smart decisions! Personal and Family Finance will begin the conversation around how to spend and save your money wisely, investing in safe opportunities and the days ahead. Learning key financial concepts around taxes, credit, and money management will provide both understanding and confidence as you begin to navigate your own route to future security. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Course Catalog



Personal Psychology 1: The Road to Self-Discovery

Have you ever wondered why you do the things you do? Have you asked yourself if self-knowledge is the key to self-improvement? Are you interested in how behavior changes as we age? Psychology can give you the answers! In Personal Psychology I: The Road to Self-Discovery, you will trace the development of personality and behavior from infancy through adulthood. You will come to learn more about perception and consciousness and better understand the role of sensation. Are you ready to explore the world of human behavior? Come explore all that psychology can offer to help you to truly understand the human experience.

Note: This course has 8 units and is recommended to be taught over a single semester.

Personal Psychology 2: Living in a Complex World

Why do you sometimes remember song lyrics but can't remember where you left your phone, your keys, or even your shoes? How does language affect the way we think? Why is your personality so different from (or so similar) your brother's or sister's personality? Personal Psychology II: Living in a Complex World will you to explore what makes you 'you'. Why do some things motivate you more than others? How can you determine your IQ? If you've ever wanted to dive right into the depths of who you are and how you got to be you, jump on board and start your exploration now!

Note: This course has 8 units and is recommended to be taught over a single semester.

Principles of Agriculture, Food and Natural Resources

Did you know that the world's population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. Even today, millions of people around the world experience hunger. How can we balance growing populations and keeping everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Through the study of Principles of Agriculture: Food and Natural Resources, you will gain a stronger sense of how food ends up on the plate and how we can maximize the foods and natural resources the earth provides. You'll learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Principles of Architecture and Construction A/B

This interactive course empowers students with the knowledge to appreciate and evaluate career opportunities in architecture and construction. With an emphasis on developing critical thinking skills, this one-semester course includes a variety of activities as students learn about structures and loads, materials and costs, urban design, and other aspects of these fascinating career opportunities. This easy-to-manage course will help build a solid foundation for their career options.

Principles of Public Service: To Serve & Protect

Ambulances scream along, heading toward those in need. But who makes sure someone is there to answer the 9-1-1 call? When you take a pill, who has determined that drug is safe for the public? All of these duties are imperative to our comfort and success as a society. Public service is a field that focuses on building a safe and healthy world, and in Principles of Public Service: To Serve and Protect you will be introduced to its many different career choices. The protection of society is not only one of our greatest challenges, but it also provides ways for people to work together to ensure safety and provide indispensable services. If you have ever contemplated being one of these real-life heroes, now is the time to learn more!

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Public Speaking 1a: Introduction

Do you strive to gain more confidence when speaking in front of people? Learn techniques from famous speakers throughout history while learning what it takes to make a great speech. Develop skills that will serve you well throughout your career and personal life.

Note: This course has 8 units and is recommended to be taught over a single semester.

Public Speaking 1b: Finding Your Voice

Bring your speeches to life by learning about body language, vocal, and other techniques. Learn about logic and reason while gaining the confidence to help create and deliver great presentations and speeches. You will also critically examine your speeches and presentations and those of others to improve upon your in-person and virtual presentation skills.

Note: This course has 8 units and is recommended to be taught over a single semester.

Real World Parenting

Do you love children? Maybe you dream of being a parent someday. But perhaps you are also asking yourself, just how, exactly, do you learn to parent? Learning how to care for children while teaching them confidence and accountability is not an easy feat. In Real-World Parenting, you'll learn that being a parent is much more than simply feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are all critical aspects as well. You'll learn how to be a positive force in the development of your future children as well as others around you.

Note: This course has 8 units and is recommended to be taught over a single semester.

Course Catalog



Renewable Technologies: Introduction

Cars that run on used vegetable oil. Electricity produced from your garbage. A windmill made from spare bicycle parts that pumps water to crops. Energy is life. So, how do we address the world's growing concerns about energy sources? Where will it come from in the future? How can energy be something sustainable, renewable, and accessible? Introduction to Renewable Technologies begins to uncover the development of new energy technologies and explores how recent approaches to generating, storing, and creating this precious resource have evolved. By gaining a larger understanding of this challenge, we, as thoughtful people, can implement real change and unlock the solution needed for a safer, cleaner, and more enduring world.

Note: This course has 8 units and is recommended to be taught over a single semester.

Restaurant Management

Have you ever dreamed of running your own eatery? Maybe you've thought of collaborating with a famous chef to create an unforgettable dining experience? What goes on behind the restaurant dining room is a very different world than what goes on out front and really determines the success or failure of an establishment. Restaurant Management will show you exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.

Note: This course has 8 units and is recommended to be taught over a single semester.

Robotics I A/B

This two-semester course is focused on the concepts related to robots and how to construct a robot. Students will learn about the history and applications of robotics. Students will learn about the job opportunities and employability skills in the field of robotics. Students will also learn about the basic concepts of six simple machines, electricity, electronic circuits, Boolean algebra, magnetism, and their applicability to robotics. Students will apply safety procedures and construct a simple robot. Students will also learn about project management and engineering design process. Students will learn about the programming languages used in robotics. Students will create a simple robotic arm. Students will also construct a robot using programming. Student will learn about ethics and laws related to robotics. Students will also learn how to test and maintain a robot. Online discussions and unit activities require students to develop and apply critical thinking skills, while the included games appeal to a variety of learning styles and keep students engaged.

Required lab materials note: This course contains hands-on labs that employ relatively-common household materials to provide a valuable laboratory experience. Please refer to the Student Syllabus or Teacher's Guide for a detailed list of required lab materials and options for purchasing kits.

Social Media: Our Connected World

Do you have any social media accounts? Learn the ins and outs of such social media platforms as Facebook, Twitter, Instagram, Pinterest, and more and how to use them for your benefit personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Social Problems 1: A World in Crisis

War, crime, poverty, global warming our world often seems full of dire warnings and predictions. How can we make sense of it all and still dare to step outside each day? Social Problems I: A World in Crisis will explore some of the biggest challenges facing our world today and prepare you to tackle them head-on. You'll learn what led to these social problems, what effects they have on our lives and societies, and what possible solutions exist for solving them. Whether you want to save the world from the next pandemic or better understand the effects of the media on society, this course will help you develop a plan of action!

Note: This course has 8 units and is recommended to be taught over a single semester.

Social Problems 2: Crisis, Conflicts & Challenges

It may seem like we live in a sometimes scary and ever-changing world. Everywhere we "look" from the homeless living on the streets, to world-wide health epidemics, to the often negative effects of our global world problems seem to appear at every corner. In Social Problems II: Crisis, Conflict, and Challenges, you'll explore more of the challenges we face and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to the changing nature of communities in our digital world, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives.

Note: This course has 8 units and is recommended to be taught over a single semester.

Sociology 1: The Study of Human Relationships

Human beings are complex creatures; however, when they interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be "human"? Sometimes it can feel as if there are more questions than answers. Sociology I: The Study of Human Relationships seeks to answer these questions and many more as it explores culture, group behavior, and societal institutions and how they affect human behavior. You'll learn how social beliefs form and how this shapes our lives. How does this happen? Join us and find out!

Note: This course has 8 units and is recommended to be taught over a single semester.

Course Catalog



Sociology 2: Your Social Life

Why do people disagree on so many big issues? Where do culture wars come from? Maybe you've wondered this as you've looked through your social media feed or read the latest online article about groups fighting over different social issues. Sociology II: Your Social Life takes a powerful look at how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Although the reality of the battles isn't always pretty, gaining a clearer picture of the different sides can help you better understand how our lives are shaped by entertainment, social institutions, and social change.

Note: This course has 8 units and is recommended to be taught over a single semester.

Sports and Entertainment Marketing

Whether you are watching a famous athlete make an unbelievable play or witnessing a sensational singing performance, the world of sports and entertainment is never boring. Although it may seem impossible for you to be a part of this glittery world, it's not! The Sports and Entertainment Marketing field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multi billion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful. This course will show you exactly how things work behind the scenes of a major entertainment event and how you can be part of the act.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Theater, Cinema, and Film Production 1a: Introduction

Lights! Camera! Action! Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life!

Note: This course has 8 units and is recommended to be taught over a single semester.

Theater, Cinema, and Film Production 1b: Lights, Camera, Action!

Lights, camera, action ... take two! Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen.

Note: This course has 8 units and is recommended to be taught over a single semester.

Veterinary Science: The Care of Animals

Lions and tigers and bears (oh my!) Whether you want to step into the wild side of veterinary medicine or just take care of the furry dogs and cats down your street, Veterinary Science: The Care of Animals will show you how to care for domestic, farm, and wild animals and diagnose their common diseases and ailments. Learn how different veterinary treatments are used and developed to improve the lives of animals and, as a result, the lives of those people who treasure them. If you have always been drawn to the world of our furry, scaly, and feathered friends, this may be just the course for you!

Note: This course has 8 units and is recommended to be taught over a single semester.

Workplace and Internship Readiness: Preparing for Work & Life

Starting your first "real" job can be intimidating. But when you know what to expect and learn how to be successful, you'll feel confident about the hiring process and prepared to put yourself out there! Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career options, and envision your own personal career path. Get ready to create a powerful launching pad that will help you blast off into a great first job experience!

Note: This course has 8 units and is recommended to be taught over a single semester.

World Languages

Advanced French A/B (EdOptions Academy Only)

Our online AP French Language & Culture course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP French Language course prepares them for the AP French exam. Its foundation is the three modes of communication (Interpersonal, Interpretive and Presentational) as defined in the Standards for Foreign Language Learning in the 21st Century.

Course Catalog



Advanced Spanish A/B (EdOptions Academy Only)

The AP® Spanish Language and Culture course is an advanced language course in which students are directly prepared for the AP® Spanish Language and Culture test. It uses as its foundation the three modes of communication: interpersonal, interpretive and presentational. The course is conducted almost exclusively in Spanish. The course is based on the six themes required by the College Board: (1) global challenges, (2) science and technology, (3) contemporary life, (4) personal and public identities, (5) families and communities, and (6) beauty and aesthetics. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. Students should expect to listen to, read, and understand a wide-variety of authentic Spanish-language materials and sources, demonstrate proficiency in interpersonal, interpretive, and presentational communication using Spanish, gain knowledge and understanding of the cultures of Spanish speaking areas of the world, use Spanish to connect with other disciplines and expand knowledge in a wide-variety of contexts, develop insight into the nature of the Spanish language and its culture, and use Spanish to participate in communities at home and around the world. The AP® Spanish Language and Culture course is a college level course. The intensity, quality, and amount of course material can be compared to that of a third-year college course.

American Sign Language 1a

Did you know that American Sign Language (ASL) is the third most commonly used language in North America? American Sign Language 1a: Introduction will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture – social beliefs, traditions, history, values and communities influenced by deafness.

Note: This course has 4 units and is recommended to be taught over a single semester.

American Sign Language 1b

The predominant sign language of Deaf communities in the United States, American Sign Language is a complex and robust language. American Sign Language 1b: Learn to Sign will introduce you to more of this language and its grammatical structures. You will expand your vocabulary by exploring interesting topics like Deaf education and Deaf arts and culture.

Note: This course has 4 units and is recommended to be taught over a single semester.

American Sign Language 2a

Building upon the prior prerequisite course, emphasis in this course is placed upon comprehension and signing. Learners will also continue to establish their communication skills and foster their understanding of deaf culture. In addition to learning classifiers, glossing, and mouth morphemes, students will explore vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies.

Note: This course has 5 units and is recommended to be taught over a single semester.

American Sign Language 2b

Building upon the prior prerequisite course, students will increase their proficiency by learning about sequencing, transitions, role-shifts, and future tenses. Students will learn how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristic of this course.

Note: This course has 5 units and is recommended to be taught over a single semester.

American Sign Language 3a: Community and Culture

As you dive into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives, you'll learn, compose, and present your new-found vocabulary and narratives by immersing yourself in Deaf culture and community. From opinions, slang, and idioms, to using technology and media that offers authentic Deaf perspectives. Explore how travel, cultural differences, and geography affect sign language. And gain a better understanding of Deaf culture by learning important events and examining topics such as education, science, and literature.

Note: This course has 6 units and is recommended to be taught over a single semester.

American Sign Language 3b: Conversations and Culture

Are you ready to discover ways in which Deaf culture influences the world in general? After all, the concept of culture goes far beyond an understanding of Deaf history. Through discussing Deaf culture and experiences, you'll advance your signing skills by developing verb tenses, grammar, and syntax. Apply your language skills in real conversation activities and through opportunities to debate real issues. It's also time to explore the next steps in education and career opportunities for your new intermediate ASL skills.

Note: This course has 6 units and is recommended to be taught over a single semester.

Chinese 1 A/B (EdOptions Academy Only)

Students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates "Avatar bucks"—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the "Avatar store". Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Course Catalog



Chinese 2 A/B (EdOptions Academy Only)

Students continue their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks”—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the “Avatar store”. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

French 1 A/B

In French 1A, they will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. Students will also learn about some regions of the French-speaking world that the central characters of each unit are visiting. Students will build on this semester’s work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In French 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they learned in the French 1A course and communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world that the central characters of each unit are visiting. Students will build on this semester’s work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French 2 A/B

In French 2A, students will be reintroduced to French in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. Students will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, they will discuss different types of cuisine, dining establishments, and dining etiquette. Students will build on what they learned in the French 1B course to communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester’s work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In French 2B, students will be reintroduced to French in common situations, beginning with various professions and career plans for the future. They will discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. Students will also describe different hobbies, activities, and crafts that people enjoy. Finally, they will discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. Students will build on what they learned in the French 2A course to communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester’s work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French 3 A/B (EdOptions Academy Only)

In this expanding engagement with French, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in French, and respond orally or in writing to these works. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks”—by performing well on course tasks—to use to purchase items (virtual clothing, gadgets, scenery, etc.) at the “Avatar store”. Continuing the pattern, and building on what students encountered in the first two years, each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and the Americas. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Course Catalog



German 1 A/B

In German 1A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their German studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In German 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they have learned in the German 1A course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German 2 A/B

In German 2A, students will be reintroduced to German in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what they learned in the German 1B course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In German 2B, students will be reintroduced to German in common situations, beginning with various professions and career plans for the future. They will discuss traveling to various regions and the flora and fauna found in each region and describe types of trips, including road trips, camping, and ecotourism. They will also describe hobbies, activities, and crafts that people enjoy. Finally, students will discuss medical specialists, including dentists and veterinarians, and symptoms related to illness and injury. They will build on what they learned in the German 2A course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Latin 1 A/B (EdOptions Academy Only)

Students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates "Avatar bucks"—by performing well on course tasks—to use to purchase items (virtual clothing, gadgets, scenery, etc.) at the "Avatar store". Each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Latin 2 A/B (EdOptions Academy Only)

Students continue their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates "Avatar bucks"—by performing well on course tasks—to use to purchase items (virtual clothing, gadgets, scenery, etc.) at the "Avatar store". Each week consists of a new vocabulary theme and grammar concept, a notable ancient myth in Latin, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Course Catalog



Spanish 1 A/B

In Spanish 1A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of social life. Students will start with basic sentence structures and grammatical tools, and they will learn to communicate by listening, speaking, reading, and writing in Spanish as they learn new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. In Spanish 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being and travel and tourism. They will build on what they learned in the Spanish 1B course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 2 A/B

In Spanish 2A, students will be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. Students will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what you learned in Spanish 1B to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Spanish 2B, students are reintroduced to Spanish in common situations, beginning with various professions and career plans for the future. They will discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. They will also describe different hobbies, activities, and crafts that people enjoy. Finally, students will discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. They will build on what they have learned in the Spanish 2A course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 3 A/B

In Spanish 3A, students will be reintroduced to Spanish in common situations, beginning with various daily routines, describing friends and family, childhood memories and activities, and childhood hopes and aspirations. They will discuss and describe art, such as paintings and sculptures, and literature, such as novels and novellas, and give reactions and form opinions about art and literature. Students will also understand the process of selecting and applying to a university, aspirations at the university, and dealing with leaving home and moving into a dormitory. Further, students will describe university life and expectations from the university experience. They will explore the dynamics and challenges of multiethnic and developing societies, environmental and social issues, causes and possible resolutions, and learning about unfamiliar countries using technology. Finally, they will discuss current events reported in the media, different types of classified and other types of advertisement in the media (both print and online), the sections and supplements of a newspaper or magazine, and various jobs available in the media. Students will build on what they learned in Spanish 2 to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Spanish 3B, students will be reintroduced to Spanish in a variety of situations, beginning with multiculturalism, bilingualism, cultural influences on traditions, customs, food, and social experiences, and legends and folklore from different cultures. Students will discuss and describe genres of music, poetry, drama, and short stories, and proverbs from different cultures. They will also explore how geographical features affect the weather, and how the geography and weather affect the clothing, food, and livelihoods of the local population. Students will also understand the history of Venezuela and how the Spanish conquerors and indigenous people shaped the culture of the country, and they will learn about the South American independence movement, including some significant freedom fighters and their struggles to win independence. They will also discuss religions practiced in Argentina, the cultural icons of the country and how they compare to cultural icons from other countries, sports and activities in Argentina, some national symbols, such as the gauchos, and idioms and sayings from Argentina. Finally, students will discuss types of wildlife and natural and agricultural resources found in Costa Rica, the human resources of the country that help overcome economic and natural disasters, and how to write formal and informal letters to share experiences. They will build on what they learned in Spanish 3A to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Health & Fitness

Course Catalog



Adaptive Physical Education

This course is designed specifically for students with physical limitations. The content is similar to Fitness Fundamentals 1, but additional modification resources are provided to allow for customized exercise requirements based on a student's situation. In addition, students learn the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students research the benefits of physical activity, as well as the techniques, components, principles, and guidelines of exercise to keep them safe and healthy.

Advanced Physical Education 1

This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly, while participating in physical activities and applying principles they've learned. Basic anatomy, biomechanics, physiology, and sports nutrition are all integral parts of this course. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Advanced Physical Education 2

This course gives the student an in-depth view of physical fitness by studying subjects such as: biomechanics, nutrition, exercise programming, and exercise psychology. Students will apply what they learn by participating in a more challenging exercise requirement. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Anatomy

In this course students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study and the main systems of the body- including integumentary, skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. In addition to identifying the bones, muscles, and organs, students will study the structure of cells and tissues within the body.

Comprehensive Physical Education

In this course students will explore concepts involving personal fitness, team sports, dual sports, and individual and lifetime sports. Students will focus on health-related fitness as they set goals and develop a program to improve their fitness level through cardio, strength, and flexibility training. In addition, they will learn about biomechanics and movement concepts, as they enhance their level of skill-related fitness. Students will learn about game play concepts and specifically investigate the rules, guidelines, and skills pertaining to soccer, softball, volleyball, tennis, walking and running, dance, and yoga. Throughout this course students will also participate in a weekly fitness program involving elements of cardio, strength, and flexibility training.

Credit Recovery Health

Credit Recovery Health is ideal for students who have had prior exposure to health, yet were unable to receive credit for their previous work by demonstrating mastery of the material. The course contains all the essential content with reduced coursework. Students learn to define mental, social, physical, and reproductive health as well as learning about drugs and safety.

Credit Recovery Physical Education 1

Credit Recovery PE is ideal for students who have had prior exposure to physical education, yet were unable to receive credit for their previous work by demonstrating mastery of the material. The course contains all the essential content with reduced coursework. Students learn about the FITT principles, the components of physical fitness, and the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Students participate in weekly physical activity throughout the course.

Credit Recovery Physical Education 2

Credit Recovery PE is ideal for students who have had prior exposure to physical education, yet were unable to receive credit for their previous work by demonstrating mastery of the material. The course contains all the essential content with reduced coursework. Students learn about the FITT principles, the components of physical fitness, and the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Students participate in weekly physical activity throughout the course.

Drugs & Alcohol

This course delves into the types and effects of drugs, including alcohol, tobacco, steroids, over the counter drugs, marijuana, barbiturates, stimulants, narcotics, and hallucinogens. Students learn about the physiological and psychological effects of drugs, as well as the rules, laws, and regulations surrounding them. The difference between appropriate and inappropriate drug use will also be discussed. In addition, students will learn about coping strategies, healthy behaviors, and refusal skills to help them avoid and prevent substance abuse, as well as available resources where they can seek help.

Exercise Science

This course takes an in-depth examination of the effects of exercise on the body. Through this course, students will learn basic anatomy, biomechanics, and physiology, as well as proper principles and techniques to designing an effective exercise program. The study of nutrition and human behavior will also be integrated into the course to enhance the students' comprehension of this multifaceted subject.

Course Catalog



Family & Consumer Science

Family & Consumer Science prepares students with a variety of skills for independent or family living. Topics covered include child care, home maintenance, food preparation, money management, medical management, clothing care, and more. They also focus on household, personal, and consumer health and safety. In addition, students learn goal setting and decision-making skills, as well as explore possible career options.

Family Living & Healthy Relationships

In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life-- including information on self- discovery, family, friendships, dating and abstinence, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development from infancy to adulthood. They also focus on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.

First Aid & Safety

In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety of emergency situations. They also learn the procedures for choking and CPR for infants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness.

Fitness Fundamentals 1

This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre- and post fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility training.

Fitness Fundamentals 2

This course takes a more in-depth look at the five components of physical fitness touched on in Fitness Fundamentals 1: muscular strength, endurance, cardiovascular health, flexibility, and body composition. This course allows students to discover new interests as they experiment with a variety of exercises in a non-competitive atmosphere. By targeting different areas of fitness, students increase their understanding of health habits and practices and improve their overall fitness level. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Flexibility Training

This course focuses on the often-neglected fitness component of flexibility. Students establish their fitness level, set goals, and design their own flexibility training program. They study muscular anatomy and learn specific exercises to stretch each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles to flexibility training. This course explores aspects of static, isometric, and dynamic stretching, as well as touch on aspects of yoga and Pilates. This course also discusses good nutrition and effective cross-training. Students take a pre- and post fitness assessment. Throughout this course students also participate in a weekly fitness program involving flexibility training, as well as elements of cardio and strength training.

Group Sports

This course provides students with an overview of group sports. Students learn about a variety of sports, yet do an in-depth study of soccer, basketball, baseball/softball, and volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct fitness assessments and participate in regular weekly physical activity.

Health & Personal Wellness

This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Health Careers

In this course, students explore a variety of career options related to the health care field, including medicine, nursing, physical therapy, pharmacy, dental careers, sports medicine, personal training, social work, psychology, and more. Students will learn about various options within each field, what each of these jobs entails, and the education and knowledge required to be successful. In addition, they will focus on basic job skills and information that would aid them in health care and other career paths.

HOPE 1

This comprehensive health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Course Catalog



HOPE 2

This comprehensive health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Individual Sports

This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, hiking, yoga, dance, swimming, biking, and cross-training. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about the components of fitness, the FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.

Intro to Coaching

This course focuses on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, sports nutrition and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.

Intro to Nursing 1

This two semester course introduces students to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, crisis management will be included.

Intro to Nursing 2

This two semester course introduces students to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, and crisis management will be included.

Life Skills

This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives, including personal nutrition and fitness skills, time & stress management, communication & healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students will explore possible colleges and careers that match their needs, interests, and talents.

Lifetime & Leisure Sports

This course provides students with an overview of dual and individual sports. Students learn about a variety of sports, and do an in-depth study of martial arts, Pilates, fencing, gymnastics, and water sports. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the components of fitness, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

Medical Terminology

In this course students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology for common tests, procedures, pharmacology, disease, and conditions.

Nutrition

This course takes students through a comprehensive study of nutritional principles and guidelines. Students will learn about world-wide views of nutrition, nutrient requirements, physiological processes, food labeling, healthy weight management, diet-related diseases, food handling, nutrition for different populations, and more. Students will gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

Course Catalog



Outdoor Sports

This course provides students with an overview of dual and individual sports. Students learn about a variety of sports, and do an in-depth study of hiking and orienteering, golf, and dual volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the FITT principles, benefits of fitness, and safety and technique. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

Personal Health & Fitness

This combined health and PE course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Personal Training Career Prep

This course examines the role and responsibilities of a personal trainer. Students will learn the steps to become a personal trainer, including performing fitness assessments, designing safe and effective workouts, and proper nutrition principles. Concepts of communication and motivation will be discussed, as well as exercise modifications and adaptations for special populations. Students will also examine certification requirements, business and marketing procedures, and concerns about liability and ethics. In addition, throughout the course students will be able to explore various exercises, equipment, and tools that can be used for successful personal training.

Personal Training Concepts

This course examines basic concepts in fitness that are important for personal fitness, as well as necessary foundational information for any health or exercise career field. Areas of study include musculoskeletal anatomy and physiology, terms of movement, basic biomechanics, health related components of fitness, FITT principles, functional fitness skills, safety and injury prevention, posture and technique, nutrition, and weight management.

Physiology

In this course, students will examine the functions of the body's biological systems—including skeletal, muscular, circulatory, respiratory, digestive, nervous, and reproductive systems. In addition to understanding the function of each system, students will learn the function of cells, blood, and sensory organs, as well as study DNA, immunity, and metabolic systems.

Running

This course is appropriate for beginning, intermediate, and advanced runners and offers a variety of training schedules for each. In addition to reviewing the fundamental principles of fitness, students learn about goals and motivation, levels of training, running mechanics, safety and injury prevention, appropriate attire, running in the elements, good nutrition and hydration, and effective cross-training. While this course focuses mainly on running for fun and fitness, it also briefly explores the realm of competitive racing. Students conduct fitness assessments and participate in weekly physical activity.

Sports Officiating

In this course, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sport official plays in maintaining fair play.

Strength Training

This one-semester course by Carone Fitness focuses on the fitness components of muscular strength and endurance. Throughout this course students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training.

Walking Fitness

This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to reviewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving walking, as well as elements of resistance training and flexibility.

Health & PE

Health

This course is based on a rigorously researched scope and sequence that covers the essential concepts of health. Students are provided with a variety of health concepts and demonstrate their understanding of those concepts through problem solving. The five units explore a wide variety of topics that include nutrition and fitness, disease and injury, development and sexuality, substance abuse, and mental and community health.

Course Catalog



Health 1: Life Management Skills

What does it mean to be healthy? In the simplest terms, it means taking care of our body and mind. Explore the connections between your physical, mental, and social health. Learn how to promote better health by decreasing stress and finding a fuller vision for your life through lifestyle choices, interactions with others, healthcare, and making sensible dietary choices. Build your plan to ensure your overall health, happiness, and well-being!

Note: This course has 8 units and is recommended to be taught over a single semester.

Health and Physical Education 1a: Introduction

Your health is more than skin deep- or should we say muscle deep? There are many factors that influence your fitness from biological predispositions to the foods you eat, the sleep you get, your psychology, and more! This course will go beyond the superficial of fitness and dig into the science behind it. You will explore the basics of how to assess your baseline fitness, design and implement a fitness plan, fuel your body to achieve your fitness goals, and stay safe while improving your health. Physical fitness is a journey, not a destination: start your expedition now!

Note: This course has 8 units and is recommended to be taught over a single semester.

Health and Physical Education 1b: Invest in Your Health

You've already HIIT the mat and warmed up your understanding of health and fitness, but now we're going to stretch you're understanding and feed your healthy habits. In this course, you will learn about the four domains of health- physical, mental, emotional, social- and their interconnection, how to set goals for healthy living, and how relationships and choices can impact your health. You'll also explore different entities and influences and their role in your daily health as well as how to build healthy communities to help you thrive. Let's continue building the foundation for well-rounded, healthy living so you can flourish: mind, body, and spirit!

Note: This course has 8 units and is recommended to be taught over a single semester.

Personal Fitness

What does being fit really mean? Is it just based on physical appearance or is it something deeper? Though we strive to be healthy and make sensible choices, it's difficult to know how to achieve this. It's not only about losing weight or lifting a heavy barbell; in Personal Fitness you will learn about body functions, safety, diet, goals, and strategies for longevity. Human beings, in both body and mind, are complex and highly sensitive organisms that need the right attention to physically excel and feel great. Being fit is about living life to the fullest and making the most of what you have—yourself! Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.

Note: This course has 8 units and is recommended to be taught over a single semester.

Physical Education

This course's three units include Getting Active, Improving Performance, and Lifestyle. Unit activities elevate students' self-awareness of their health and well-being while examining topics such as diet and mental health and exploring websites and other resources. In addition to being effective as a stand-alone course, the components can be easily integrated into other health and wellness courses.

College & Career Readiness

Accuplacer® Math

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ACT® English

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on.

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Course Catalog



ACT® Mathematics

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on.

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ACT® Reading

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on.

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ACT® Science Reasoning

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on.

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ACT® WORKKEYS

WorkKeys is a job skills assessment system that helps employers select, hire, train, and retain a high-performance workforce. WorkKeys scores help compare a learner's skills to the skills real jobs require. ACT WorkKeys assessments are divided into the following subdivisions:

ACT WorkKeys - Applied Mathematics - Leveled

ACT WorkKeys - Graphic Literacy

ACT WorkKeys - Workplace Documents

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Advanced Biology A/B

To generate skills for lifelong learning, 25 percent of the lessons in Advanced Biology use student-driven, constructivist approaches for concept development. The remaining lessons employ direct-instruction approaches. In both cases, the lessons incorporate multimedia-rich, interactive resources to make learning an engaging experience. The AP approach to advanced biology topics helps students achieve mastery of abstract concepts and their application in everyday life and in STEM-related professions.

Advanced Calculus A/B

This course grounds the study of calculus in real-world scenarios and integrates it with the four STEM disciplines. The first semester covers functions, limits, derivatives and the application of derivatives. The course goes on to cover differentiation and antidifferentiation, applications of integration, inverse functions, and techniques of integration.

Advanced Chemistry A/B

Advanced Chemistry includes most of the 22 laboratory experiments recommended by the College Board to provide a complete advanced experience in a blended environment. More than 25 percent of the online lesson modules are inquiry-based and employ online simulations, data-based analysis, online data-based tools, and —kitchen sink labs that require no specialized equipment or supervision. Many of the lessons include significant practice in stoichiometry and other critical, advanced chemistry skills.

Advanced Computer Science A

This course is designed to introduce students to the basic concepts of computer programming. Students learn how to compile and run a Java program. They learn to use arithmetic, relational, and logical operators. They learn to use different decision-making and loop statements. They learn to create classes, methods, String objects, and an ArrayList object. They learn to perform sequential search, binary search, selection sort, and insertion sort on an array. They learn to implement object-oriented programming design. They learn to implement inheritance, polymorphism, and abstraction. Further, they describe privacy and legality in the context of computing.

Advanced English Lit & Comp A/B

Each unit of Advanced English Literature and Composition is based on a researched scope and sequence that covers the essential concepts of literature at an AP level. Students engage in in-depth analysis of literary works in order to provide both depth and breadth of coverage of the readings. Units include Close Analysis and Interpretation of Fiction, Short Fiction, the Novel, and Poetic Form and Content. Writing activities reinforce the reading activities and include writing arguments, analysis, interpretation, evaluation, and college application essays.

Course Catalog



Advanced U.S. History A/B

This course develops critical thinking skills by encouraging multiple views as students realized that there are often multiple accounts of a single historical event that may not be entirely consistent. Electronic discussion groups encourage collaboration, and a variety of practice activities are provided, from multiple choice actions to advanced interactions. Units include: The Historical Process; Early America; Revolutionary America; The Civil War; Populism and Progressivism; the emergence of the U.S. as a world power; and contemporary themes.

Course Catalog



High School Electives

Academic Success

As in other areas of life, success in academics results from learning and practicing positive habits. This one-semester elective provides practical, hands-on guidance on developing and improving study habits and skills, regardless of a student's level of accomplishment. Academic Success includes five lessons and two course activities in a flexible structure that is adaptable to the needs and circumstances of individual students. The course can also be used for college-level developmental education.

African American History

How have African Americans shaped the culture of the United States throughout history? Tracing the accomplishments and obstacles of African Americans from the slave trade through emancipation, and to the modern African diaspora, you will learn about the political, economic, social, religious, and cultural factors that have influenced African American life. In African American History, you'll come face to face with individuals who changed the course of history and learn more about slavery, racism, and the Civil Rights Movement. You will also explore how the history of African Americans influences current events today.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Course Catalog



Anthropology 1: Uncovering Human Mysteries

What makes us human? Is it our ability to use language? Is it our abstract thinking skills or our use of tools and technology? In Anthropology 1: Uncovering Human Mysteries you will trace the history of homo sapiens and explore our evolutionary trail. This course offers an anthropologic lens to observe our movement from cave dweller to modern humans. It sheds light on how we forged our way and developed all of the things that make us human, such as our cultures, languages, and religions. We, as humans in the 21st century, are highly intelligent, innovative people with astounding technological ability - how did we get this way?

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Anthropology 2: More Human Mysteries Uncovered

How does your culture influence you? Find out how different locations shape various cultures and, in turn, how these cultures shape people's lives around the world - from the jungles of the Amazon to the islands of Indonesia. Anthropology II: More Human Mysteries Uncovered provides a fascinating look at this puzzle of culture. Many of our ancient cultures and languages were shaped by the geographical locations of our ancestors, and in this course, you will begin to visualize new ideas about how ancient cultures flourished through examining their views on life, death, art, and survival. In looking back and learning about cultures through the ages, we are better equipped to understand the world around us today.

Note: This course has 8 units and is recommended to be taught over a single semester.

Archaeology: Detectives of the Past

The famous Spanish philosopher and writer George Santayana once said, "Those who cannot remember the past are condemned to repeat it." We know from studying history how true this statement is, and the age-old field of archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. This fascinating course, Archaeology: Detectives of the Past, explores the various techniques, methods, and theories of this field and illustrates how archaeologists conduct their studies. What is it like to uncover precious artifacts? How are they located and preserved? Find the answer to these questions and more as you learn how ancient discoveries can unlock the secrets of a long and colorful past.

Note: This course has 8 units and is recommended to be taught over a single semester.

Art History & Appreciation

This course explores the main concepts of art, expression, and creativity as it helps students answer questions such as what is art; what is creativity; and how and why people respond to art. It covers essential design principles such as emphasis, balance, and unity. Units include: Art, History, and Culture; Western and World Art Appreciation; and Art and the Modern World.

Art in World Cultures

Who do you think is the greatest artist of all time? Maybe Leonardo da Vinci? Michelangelo? Maybe a more modern artist like Claude Monet or Pablo Picasso? Or is it possible that the greatest artist of all time is actually someone whose name has been lost to history? In Art in World Cultures, you'll learn about some of the greatest artists in the world while creating your own art, both on paper and digitally. This course explores basic principles and elements of art and teaches you how to critique different art works art. And along the way, you will get to discover some traditional art forms from various regions of the world including the Americas, Africa, and Oceania.

Note: This course has 12 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Creative Writing

Literature is an important form of art that allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of reality. Explore the writing process and find inspiration to build a story of your own, and learn literary techniques to create hybrid forms of poetry and prose. Let's turn your creative thoughts and ideas into pieces of creative writing.

Note: This course has 8 units and is recommended to be taught over a single semester.

Creative Writing: Unleashing the Core of Your Imagination

Writing can change the world. Think about the Declaration of Independence, the Bill of Rights, and Lincoln's 2nd In Augural Address. How have these writings shaped our country and the future? While you learn how to unleash the core of your imagination to develop your own creative writing, you'll also explore creative writing through foundational literary works from the 18th to 20th century of Colonialism to American Gothic to Modernism, and everything in between, while evaluating original writings and their interpretations.

Note: This course has 8 units and is recommended to be taught over a single semester.

Gothic Literature: Monster Stories

It was a dark and stormy night, and the vampires, ghouls, and undead were on the prowl... Gothic Literature is riddled with the spooky, but did you know that this genre is so much more than a scary form of entertainment? In Gothic Literature, you'll learn about how some of the world's greatest authors from the 19th century through today used Gothic elements to tackle issues that needed serious attention: the class system, gender norms, racism, social injustice, and more! Grab your monster gear and explore why Gothic literature has retained its appeal even with today's audiences.

Note: This course has 8 units and is recommended to be taught over a single semester.

Course Catalog



History of the Holocaust

"Never shall I forget that night, the first night in camp, which has turned my life into one long night, seven times cursed and seven times sealed." Elie Wiesel, a Holocaust survivor, wrote these words about his experiences in a Nazi concentration camp. History of the Holocaust will take you through the harrowing details of anti-Semitism, the power of the Nazi party, the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II. You'll explore the causes of the Holocaust, the experiences of Jews and other individuals during this time, and what has been done to combat genocide since WWII. "For the dead and the living, we must bear witness."

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

Music Appreciation: The Enjoyment of Listening

Have you ever heard a piece of music that made you want to get up and dance? Cry your heart out? Sing at the top of your lungs? Whether pop, classical, or anything in between, music provides a powerful way for people to celebrate their humanity and connect with something larger than themselves. Music Appreciation: The Enjoyment of Listening not only will provide a historical perspective on music from the Middle Ages to the 21st century, but it will also teach you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that's all around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form.

Note: This course has 8 units and is recommended to be taught over a single semester.

Mythology and Folklore: Legendary Tales

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.

Note: This course has 8 units and is recommended to be taught over a single semester.

Philosophy: The Big Picture

Go on an exciting adventure covering over 2,500 years of history! Along the way, you'll run into some very strange characters, like the dirty barefoot man who hung out on street corners pestering everyone with questions, or that eccentric fellow who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the world's most brilliant and influential thinkers and originated the fundamental ideas of Western civilization. Introduction to Philosophy: The Big Picture asks some of the same questions these great thinkers pondered, so by the time you've "closed the book" on this course, you will better understand yourself and the world around you - from atoms to outer space and everything in between.

Note: This course has 8 units and is recommended to be taught over a single semester.

Reading and Writing for Purpose

This course introduces useful, real-world information by having students learn to read legal, insurance, employment, and vehicle related documents. Furthermore, students will explore media bias, trends in journalism, word structures, and research strategies. To entrench real-world applications, students will learn how to critically read, identify good sources of information, and create an outline, making this course an asset to building life and study skills.

Note: This course has 8 units and is recommended to be taught over a single semester.

Structure of Writing

This semester-long course focuses on building good sentences. Students will learn how to put words, phrases, and clauses together and how to punctuate correctly. They will start using sentences in short compositions. As an extra bonus, students will add some new words to their vocabulary, and they will practice spelling difficult words. Near the end of the course, students are to submit a book report. Early in the course, encourage students to start looking for the books they want to read for the book report. They might also preview the introduction to that lesson so they know what will be expected.

The Lord of the Rings: An Exploration of the Films and Their Literary Influences

Hobbits, Orcs, wizards, dashing knights, and powerful elves are all part of the magic created in J.R.R. Tolkien's famously epic tale, The Lord of the Rings. For years, the vivid characters within this beloved story could exist only in the readers' minds—until it was adapted into a movie that allowed fans to finally see, through the eyes of Hollywood magic and brilliant technology, the manifestation of these characters onscreen. What does it take to transport these well-known images like Gollum and the Shire from dusty pages to the giant screen? In The Lord of the Rings: An Exploration of the Films and Its Literary Influences, you will see first-hand how classic literature can become modern film and bring the fantasy alive for a whole new generation of believers.

Note: This course has 8 units and is recommended to be taught over a single semester.

Women's Studies: A Personal Journey Through Film

Maybe you grew up watching movies with female characters like Cinderella, Belle, Snow White, or Ariel. Maybe you've wondered why there are stereotypes about women being bad drivers or ignorant about sports. Maybe you want to know about feminism and the women's movement. Women's Studies: A Personal Journey Through Film can help you answer these questions. Though it focuses on the experience of women, it's appropriate for anyone who wants to learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, "History is Herstory too."

Note: This course has 8 units and is recommended to be taught over a single semester.

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World Religions: Exploring Diversity

From Taoism, to Islam, to Christianity, religion inevitably affects us all in some way. On one level, religion can help us commune with and honor our spiritual natures, but it can also divide people and create great strife in the world. World Religions: Exploring Diversity will explore the various characteristics of faith and introduce the fundamentals of the major religions, including Judaism, Islam, Christianity, Buddhism, Confucianism, Hinduism, Shintoism, and Taoism. You'll trace how these powerful faiths have influenced cultures over thousands of years and helped to shape the face of humanity. After this course, you'll have a clearer understanding of how religion continues to affect the larger world.

Note: This course has 10 units and is recommended to be taught over 2 semesters, but can be accelerated to be completed within a single semester if desired.

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