High School Course Catalog

2022-2023

High School Graduation Requirements

[Link to Grad Plan]

High School Graduation Plan
Student: (Name of Student)
Mentor: (Name of Mentor)
Credits Earned:
School: Peak Prep Pleasant Valley
Post-Secondary Plans:
YOU GOT THIS!!

General Overview of A-G
A. Social Studies (required to take 3 years)
B. English (required to take 4 years)
C. Math (required to take 3 years - Algebra 1 and higher)
D. Science (2 years of Lab Science required)
E. Foreign Language (2 years of the same Language required)
F. Visual/Performing Arts (1 year of same discipline required)
G. College Prep Elective (1 year required)

Notes: (Can write notes from Grad Plan with Student/LC here)

Road to Graduation

All classes listed below must be checked off in order to be reviewed for graduation.

A. Social Studies (30 credits required)	CREDITS	
Courses	**Needed (30)**	**Completed**
World History A	5	
World History B	5	
US History A	5	
US History B	5	
Economics	5	
Government	5	
B. English (40 credits required)	CREDITS	
Courses	**Needed (40)**	**Completed**
English 9A	5	
English 9B	5	
English 10A	5	
English 10B	5	
English 11A	5	
English 11B	5	
English 12A	5	
English 12B	5	
C. Math (20 credits required)	CREDITS	
Courses	**Needed (20)**	**Completed**
Algebra 1A	5	
Algebra 1B	5	
Second year of Math A	5	
Second year of Math B	5	
Health (5 credits required)		
Skills for Health	5	
Physical Education (20 credits required)		
PE 1	5	
PE 2	5	
PE 3	5	
PE 4	5	

D. Science (20 credits)	CREDITS	
Courses	**Needed (20)**	**Completed**
Life Science A	5	
Life Science B	5	
Physical Science A	5	
Physical Science B	5	
E. Foreign Language (10 credits required)	CREDITS	
Courses	**Needed (10)**	**Completed**
Foreign Language A	5	
Foreign Language B	5	
F. Visual/Performing Arts (10 credits required)	CREDITS	
Courses	**Needed (10)**	**Completed**
VAPA A	5	
VAPA B	5	
G. Electives (65 credits required)	CREDITS	
Courses	**Needed (65)**	**Completed**
Elective 1	5	
Elective 2	5	
Elective 3	5	
Elective 4	5	
Elective 5	5	
Elective 6	5	
Elective 7	5	
Elective 8	5	
Elective 9	5	
Elective 10	5	
Elective 11	5	
Elective 12	5	
Elective 13	5	

Students planning to apply to 4-year Colleges/Universities follow A-G
Requirements in addition to meeting the high school graduation requirements.
1. PSAT - 10th/11th grade (Fall)
2. SAT/ACT - 11th grade (Spring)/12th grade (Fall)
3. Summer before 12th grade start working on college applications.
4. Apply for FAFSA (https://fafsa.ed.gov/deadlines.htm)

Credit Calculator		
Total Credits	Earned	Still Need
	0	220

This Grad Plan is in accordance with the documents received by the student and or learning coach upon enrollment, and may be subject to change. If you have additional credits or courses completed that are not represented on this Grad Plan, please provide updated transcripts from previous schools that show credits being earned.

PEAK PREP GRADUATION REQUIREMENTS

Students are required to have a minimum of 220 credits for graduation. Ten credits are granted for successfully completing most year-long courses.

A. Social Studies 30 credits – 3 years

10 credits – World History

10 credits- US History

5 credits – American Government or AP American Government

5 credits – Economics

B. English 40 credits – 4 years

10 credits – English 9: Freshman English

10 credits – English 10: World Literature

10 credits – English 11: American Literature, AP English Language and Composition

10 credits –English 12, AP English Literature and Composition

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C. Mathematics 20 credits- 2 years

Students must complete a minimum of two courses (10 credits each), one must be Algebra 1. Placement in math courses is based on criteria listed in course descriptions.

D. Science 20 credits – 2 years (20-21) 30 credits - 3 years (21-22)

10 credits – PHYSICAL SCIENCE: Chemistry, Physics, AP Physics

10 credits – LIFE SCIENCE: Biology,, AP Biology,

E. Foreign Language 10 credits –1 year

10 credits- Spanish 1

F. Visual or Performing Arts

10 credits – Choose two: Art History: Origins, Art History: Modern, Beginning Drawing, Beginning Painting

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G. Electives 65 credits

Once the required subject area credits have been earned, any credits in excess of those required above count towards elective credits.

Physical Education 20 credits – 2 years

10 credits – PE 1 (Personal Fitness)

10 credits – PE 2 (Physical Education)

Health 5 credits

5 credits-Health or Health 101

TOTAL 220 credits

HIGH SCHOOL PROMOTION AND DIPLOMA REQUIREMENTS

High School Promotion Requirement

All students shall complete the specified unit requirement before attaining high school promotion to the next grade level and for graduation.

To attain sophomore standing	55 units (minimum)
To attain junior standing	110 units (minimum)
To attain senior standing	165 units (minimum)
To graduate from high school:	**220 units**

High School Diploma

In order for students to earn a high school diploma, they must Earn a minimum of 220 credits in required areas.

HIGH SCHOOL EQUIVALENCY DIPLOMAS

GENERAL EDUCATION DEVELOPMENT TEST General Educational Development (GED) offers a high school equivalency diploma to students who pass a series of tests in Language Arts (Reading and Writing), Social Studies, Science, and Mathematics. Employers and colleges accept the GED tests as the equivalent of a high school diploma. Tests are given in each subject area and students must pass all of the subject area tests in order to earn a GED Equivalency Certificate.

To be eligible to take the General Education Development (GED) Test students must be: • Be 18 years of age or within 60 days of his/her 18th birthday • Be within 60 days of when he/she would have graduated had he/she followed the normal course of study and stayed in school • Be at least 17 years of age, has been out of school for 60 consecutive days, and provides a letter from the military, post-secondary educational institution or prospective employer

CALIFORNIA HIGH SCHOOL PROFICIENCY EXAM

Students earn the legal equivalent of a high school diploma through the California High School Proficiency Exam (CHSPE)which tests basic skills required for a high school diploma. There is no limit to how many times a student may take the test. The High School Proficiency Exam is administered two times per school year. See your counselor for specific information and test dates. To be eligible to take the California High School Proficiency Exam students must: • Be at least 16 years of age or • Be enrolled in the second semester of 10th grade or have completed 10th grade • Must attend school after passing the exam until 16 years of age or older and have verified parental permission to leave school early. High school diplomas earned in this way are only acceptable in California.

General Studies Four-Year Plan

9th Grade Required Courses	**Credits**	**10th Grade Required Courses**	**Credits**
English 9A English 9B	**10**	English 10A English 10B	**10**
Algebra 1A Algebra 1B Integrated Math 1A/1B or Geometry (depending on what course taken in the 8th grade)	**10**	Geometry A Geometry B or Algebra IIA/IIB (depending on what course taken 9th grade)	**10**
Biology A Biology B	**10**	Chemistry A Chemistry B	**10**
Health (1 semester) Elective (1 semester)	**10**	World History A World History B	**10**
PE 1A PE 1B	**10**	PE 2A PE 2B	**10**
Spanish 1A Spanish 1B	**10**	Spanish 2A or Elective Spanish 2B or Elective *2nd year foreign language not required for minimum graduation requirements	**10**
Total Credits	**60**	**Total Credits**	**60**
11th Grade Required Courses	**Credits**	**12th Grade Required Courses**	**Credits**
English 11A English 11B	**10**	English 12A English 12B	**10**
Algebra IIA Algebra IIB Or Elective * 3rd year math not required for minimum grad requirements.	**10**	Elective (1 semester) Elective (1 semester)	**10**
US History A US History B	**10**	Government Economics	**10**
Visual Performing Arts A Visual Performing Arts B	**10**	Elective (1 semester) Elective (1 semester)	**10**
Elective (1 semester) Elective (1 semester)	**10**		
Elective (1 semester) Elective (1 semester)	**10**		
Total Credits	**60**	**Total Credits**	**40**

College Admission Requirements

University of California (UC)	Calif. State University (CSU)	Community Colleges (CC)
http://www.universityofcalifornia.edu	www.csumentor.edu	www.cccco.edu
Top 12.5% of high school graduates	Top 33% of high school graduates	Top 100% of high school graduates or 18 years of age
Background: The UC system combines the education of under-graduates with a strong emphasis on graduate programs and world-class research in the sciences & humanities.	**Background:** The CSU system emphasizes undergraduate education, leading to a bachelor's, master's and a limited number of Doctoral degrees.	**Background:** Colleges offer a wide range of academic and vocational programs leading to an occupational certificate, a two-year associate of arts degree, or a transfer program
Students: Over 220,000	**Students:** Over 447,000 S	**Students:** Over 2,900,000
Campuses: 10	**Campuses: 23**	**Campuses: 112**
Costs: About $15,000 in fees and an additional $18,000 for room, board, books and transportation. Approximately $33,100/year.	**Costs:** About $6,759 in fees and an additional $16,000 for room, board, books and transportation. Approximately $23,000-$30,000/ year.	**Costs:** About $46 per unit and approximately $2800 for books, fees and transportation. If there is no cost for living at home, then less than $7500/year.
Entrance Requirements: A prospective undergraduate must be in the top eighth academically of high school graduates statewide and have completed 15 prescribed high school courses. ACT with writing or SAT I with writing.	**Entrance Requirements:** A high school senior must be in the top academic third statewide and must have taken 15 required courses. ACT (writing optional) or SAT I with writing entrance exam.	**Entrance Requirements:** These colleges are open to all California residents, including those without a high school diploma. A California resident may attend a community college anywhere in the state.
Campus Locations: Berkeley, Santa Cruz, Davis, Santa Barbara, Los Angeles, Irvine, Merced, Riverside and San Diego. The San Francisco campus specializes in upper division and graduate health sciences.	**Campus Locations:** Bakersfield, Chico, Channel Islands, Dominguez Hills, Fresno, Fullerton, Hayward, Humboldt, Long Beach, Los Angeles, Maritime Academy, Monterey Bay, Northridge, Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San José, San Luis Obispo, San Marcos, Sonoma and Stanislaus campuses	**Campus Locations:** 59 in southern California and 53 in central and northern parts of the state.

COMPARATIVE REQUIREMENTS

Subject	PPPV	CSU Meets A-G	UC Meets A-G
Social Studies	30 credits (3 years) – World History, U.S. History, Economics, Amer. Government.	20 credits (2 years) – World History and U.S. History, GA Social Studies courses	20 credits (2 years) – World History and U.S. History, GA Social Studies courses
English	40 credits (4 years)	40 credits (4 years)	40 credits (4 years)
Mathematics	20 credits (2 years) – completion of Algebra 1 or equivalent	30 credits – Algebra 1, Algebra 2, Geometry	30 credits – Algebra 1, Algebra 2, Geometry *4 years recommended
Science	20 credits – biological science (10 credits) and physical science (10 credits)	20 credits – biological science and physical science (one of which must be from the "d" subject area with the other either from "d" or "g" (See page 13)	20 credits – must include one from biology and at least one from chemistry or physics. Both must be from the "d" subject area. *3 years recommended (See page 13)
Foreign Language	20 credits	20 credits – two years of the same language	20 credits – two years of the same language *3 years recommended
Fine Arts	10 credits	10 credits- selected from "f" list (Visual and Performing Arts)	10 credits- selected from "f" list (Visual and Performing Arts)
Physical Education	20 credits (2 years)	N/A	N/A
Health	5 credits	N/A	N/A
Electives	65 Credits	10 credits- must be selected from any of the areas on the approved a-g list, excluding those designated as non-elective (lower level math, language other than English and visual/performing arts)	10 credits- must be selected from any of the areas on the approved ag list, excluding those designated as non-elective (lower level math, language other than English and visual/performing arts)
Total/other	220 credits	SAT or ACT	SAT or ACT plus writing (SAT Subject tests are not required, but are recommended.

**Courses must be passed with a C- or better to meet UC and CSU requirements*

NCAA COURSE AND ELIGIBILITY

Students interested in playing NCAA Division I or II athletics need to ensure they meet the NCAA Academic Initial-Eligibility Requirements. Additional information can be found on the NCAA Eligibility Center website, www.eligibilitycenter.org.

What is the NCAA Eligibility Center? Why is it Important?

The Eligibility Center certifies the academic and amateur credentials of all students who want to play sports at an NCAA Division I or II institution as freshmen. In order to practice, play and receive an athletics scholarship, students need to meet certain academic benchmarks. An additional certification process exists to make sure the student is still an amateur, which is necessary in order for the student to compete.

What are the Academic Initial-Eligibility Requirements? The following requirements must be met in order for a student to be able to practice, play and receive a scholarship at an NCAA Division I or II college or university. (Courses MUST appear on the list of approved courses for Peak Prep Pleasant Valley. See Counselor for more details.)

Division I:

1. Graduate from high school
2. Complete a minimum of 16 core courses
    - Ten of the 16 courses must be completed before the senior year of high school.
    - Seven of the 16 courses must be in English, Math, or Science.
3. Present the required grade-point average (GPA) (see the sliding scale in the Guide for the College-Bound Student-Athlete for Division I)
4. Present a qualifying test score on either the ACT or SAT (see the sliding scale in The Guide for the College-Bound StudentAthlete)
5. Complete the amateurism questionnaire and request final amateurism certification

Division I Core-Course Breakdown:

- 4 years of English
- 3 years of math (Algebra 1 or higher)
- 2 years of natural or physical science (including one year of lab science if offered by your high school)
- 1 extra year of English, math, or natural or physical science
- 2 years of social science
- 4 years of extra core courses from any category above, or foreign language, non-doctrinal/ comparative religion/philosophy

Division II:

1. Graduate from high school
2. Complete a minimum of 16 core courses
3. Present a minimum 2.000 core-course grade-point average (GPA based on NCAA core courses, only)
4. Present a minimum 820 SAT score (critical reading and math only) or 68 sum ACT score qualifying test score on either the ACT or SAT
5. Complete the amateurism questionnaire and request final amateurism certification.

Division II Core-Course Breakdown:

- 3 years of English
- 2 years of math (Algebra 1 or higher)
- 2 years of natural or physical science (including one year of lab science if offered by your high school)
- 3 additional years of English, math, or natural or physical science
- 2 years of social science
- 4 years of extra core courses from any category above, or foreign language, non-doctrinal/ comparative religion/philosophy

High School Graduation and College Readiness Success List

Freshman Year

____ Schedule rigorous high school courses, freshman year counts!
____ Develop good study habits.
____ Develop a 4-year academic plan with your counselor that meets the A-G UC/CSU admission requirements.
____ Become familiar with college entrance requirements.
____ Learn about extra-curricular activities - many colleges consider talent and leadership..
____ Research college costs, scholarships, and other forms of financial aid
____ Remember that you must get C's or better in A-G college prep courses
____ For students interested in possibly playing athletics in college, pay special attention to the NCAA requirements for high school. Freshman students need to take academic college-preparatory courses, preferably one in each of the following areas: English, math, science, social studies and foreign language. The student should compare course selection against the list of NCAA-approved core courses.

Sophomore Year

____ Continue to take challenging college prep courses.
____ Remember that you must get C's or better in A-G college prep courses
____ Update 4-year academic plan with your counselor.
____ Be certain you're fulfilling course requirements to graduate and meet the UC/CSU admission requirements.
____ Research the educational/training requirements of different careers that interest you.
____ Check out the College and Career Center for local, national and international summer programs.
____ Spring semester: Our counselor meets with sophomores to begin career exploration exercises and develop a resume.
____ Attend the College Planning Workshop in January
____ Attend local College Fairs in the Spring.
____ Begin to research some college choices.
____ For students who are interested in being eligible to play athletics in college, continue working towards the NCAA eligibility criteria. Sophomore students should take academic college preparatory courses, preferably one in each of the following areas: English, math, science, social studies and foreign language. The student should compare course selection against the list of NCAA-approved core courses.

Junior Year

____ Continue taking rigorous college prep courses (four years of math and science are recommended, even if you plan on attending a 2-year college.

____ Take the PSAT in October.

____ Start Your College Search: Make lists of your abilities, preferences and personal qualities. List things you may want to study and do in college. Jump-start your college planning by reading about majors and careers.

____ Begin thinking about Financial Aid- talk to your counselor about your college plans. Use financial aid calculators to estimate your aid eligibility and college costs.

____ Get ready for the SAT and/or ACT-prepare by taking a full-length official practice test, then get a score and skills report. Learn which skills you need to improve. Be sure to sign up for "The Official SAT Question of the Day"™ on collegeboard.com for daily practice.

____ Register to take the ACT and/SAT this Spring. Most colleges accept both tests.

____ Register to take your AP exams in May. Do well on AP Exams and receive college credit, advanced placement or both at most colleges for qualifying scores.

____ For students who are interested in being eligible to play athletics in college, continue working towards the NCAA eligibility criteria including. For Juniors, pay special attention to the following requirements:

❑ Student continues to take college preparatory courses in the areas listed above;

❑ Student registers for the SAT and/or ACT, making sure to use code 9999 at the time of registration (using code 9999 will ensure the score is reported directly to the Eligibility Center)

❑ Student registers with the NCAA Eligibility Center and completes both the academic information and the amateurism questionnaire

❑ At the end of the student's sixth semester, the Registrar sends the student's transcript (or transcripts, if more than one high school) to the Eligibility Center

Plan Ahead for the Summer & Senior Year

____ Review your senior year class schedule with your counselor. Challenge yourself with AP classes.

____ Plan summer activities early. Enrich yourself by volunteering, getting an interesting job or internship, or signing up for special summer learning programs.

____ Visit colleges. Take campus tours and, at colleges you're serious about, schedule interviews with admission officers. Be sure to bring a campus visit checklist.

____ Research applications from the colleges where you're planning to apply. Check important dates; some colleges have early dates or rolling admission.

____ Complete a "Brag Sheet" needed for letters of recommendation.

Senior Year

____ Continue taking rigorous college prep courses (four years of math and science are recommended).

____ In September, begin pulling Your College Applications together. Most regular applications are due between Nov 30 and February 15. Keep copies of everything you send to colleges.

____ Narrow your list of colleges to approximately five to eight, and review it with your counselor. Get an application and financial aid info from each. Visit as many as possible. Make a master calendar and note:

- ❑ Test dates, fees and deadlines
- ❑ College application due dates
- ❑ Required financial aid applications and their deadlines
- ❑ Recommendations, transcripts and other necessary materials
- ❑ Your high school's deadlines for application requests, such as your transcript
- ❑ Ask teachers and counselors for recommendations early. Give your letter writer your Senior Brag Sheet, a stamped and addressed envelope (if it is not an online submission) and any required forms.
- ❑ Write application essays and ask teachers, family members and friends to read first drafts.

____ Decide whether to apply Early Action or Early Decision. For early admission, colleges may require test scores and applications in early November. Send your official SAT and ACT scores to your colleges.

____ Check your email and college admissions portals regularly. This is how colleges will let you know if they need anything from you.

____ Remember to keep your grades up! Colleges can rescind admission offers if your grades drop.

____ Second semester schedule changes and/or grades earned that are below a C- must be reported to your colleges.

____ Begin searching for scholarships.

____ Apply for Financial Aid. You and your family should save this year's pay stubs to estimate income on aid forms that you'll file early next year. Submit your FAFSA as soon after January 1 as possible. Men who are 18 years of age or older must register with Selective Service to receive federal financial aid. Many priority financial aid deadlines are in February. To get the most attractive award package, apply by the priority date. Keep copies of everything you send. Follow scholarship submission directions EXACTLY.

____ Review Acceptance Letters. You should get acceptance letters and financial aid offers by mid April. Use Compare Your Aid Awards to compare awards from different colleges. Talk to financial aid officers at your college if you have questions about the award offered.

____ If you haven't already, visit your final college before accepting.

____ Make Your final choice by May 1. You must inform every college of your acceptance or rejection of offers of admission or financial aid by May 1. Send a deposit to the college you choose.

____ Wait-listed? If you will enroll if accepted, tell the admission officer your intent

and ask how to strengthen your application. Need financial aid? Ask if funds will be available if you're accepted.

____ For students who are interested in being eligible to play athletics in college, continue working towards the NCAA eligibility criteria including:

❏ Student continues to take college preparatory courses in English, math, science, social studies and foreign language.

❏ Student registers for additional ACT/SAT tests if necessary, making sure to use code 054961 at the time of registration.

❏ After graduation, the Registrar sends the student's final transcript (which needs to include evidence and the date that the student graduated) to the Eligibility Center.

Take the Next Steps

____ Ask your high school to send a final transcript to your college at the same time you complete your senior survey.

____ Start preparing for the year ahead.

POLICIES

Course Credit

For each semester course offering that is completed successfully, five (5) credits of required or elective credits are earned. To obtain credits an "A", "B", "C" or "D" grade is required. Failed courses will be recorded as an "F" on the student's transcript, and a zero will be computed for the course in determining the GPA. No credit is earned for failed courses.

Grade Level Promotion:

Although course credits are earned on a semester basis, grade-level promotions take place once a year except when a student is eligible to move from 11th to 12th grade. Actual percentages earned rather than letter grades will be used in the calculation to determine final grades.

Roles and Responsibilities of Counselor

The responsibility of the counselor is to focus on individual student needs and to guide the student in making appropriate decisions. In addition to this, the counselors provide the following services:

- Review academic progress.
- Register students into appropriate classes.
- Interpret test data.
- Maintain academic records.

- Coordinate and facilitate parent conferences when difficulties go beyond a single teacher.
- Stimulate career awareness and provide career information.
- Offer parents and students informational brochures, support materials, and referrals to resources within the community.
- Assist with developing and maintaining positive peer relationships.
- The counselor will provide the following services as appropriate:
    - Assistance in decision-making.
    - Assistance in functioning productively within the school and the family.
    - Assistance in clarifying personal goals.
    - Assistance to the students in making appropriate behavioral changes.

Grade Point Average

Grade point averages are determined by dividing the number of quality points achieved by the number of credits received. GPAs are determined on a semester-basis only. The cumulative (composite) GPA is determined using the semester averages beginning with the first semester of freshman year.

Letter Grade	Percentile	Standard GPA	Honors GPA	AP GPA
A+	97-100	4	4.5	5
A	93-96	4	4.5	5
A-	90-92	3.7	4.2	4.7
B+	87-89	3.3	3.8	4.3
B	83-86	3	3.5	4
B-	80-82	2.7	3.2	3.7
C+	77-79	2.3	2.8	3.3
C	73-76	2	2.5	3
C-	70-72	1.7	2.2	2.7
D+	67-69	1.3	1.8	2.3
D	60-66	1	1.5	2
D-	60-62	0.7	1.3	1.7
F	Below 59	0	0	0

HONOR ROLL

A basic goal for all Peak Prep students is high academic achievement. It is our policy to recognize such effort. A “B” average must be maintained to be eligible for the Honor Roll. Any student receiving a “D” or “F” irrespective of other grades is not eligible. Honor Rolls are posted at the semester.

Course Failure and Repeat Credit

For students wishing to attend a UC or State School, a grade of “C” or better is required to meet a subject requirement. D and F grades are not acceptable and must be cleared by repeating a class, completing advanced work in the same subject area of sequential knowledge (math or language other than English) or attaining certain minimum scores on SAT, AP or IB examinations. Students are permitted to retake failed classes, or courses that they have earned a “D” letter grade in with approval from the counselor, Head of School, or Deputy Head of School. There is no limit to the number of courses that may be retaken. Courses required for graduation MUST be retaken and passed.

Reporting Repeated Courses on Transcripts:

Both the original course grade, and the repeated course grade will remain on the transcript. The higher of the two grades will be used to compute the student's GPA. Credit, however, will be given for the course only once. A repeated course will receive the CR (or credit recovery) designation on the transcript.

Official Transcript Revisions policy

Once issued, transcripts cannot be revised unless evidence is provided to indicate that the transcript is materially inaccurate. A student with such evidence can petition for a transcript revision. The teacher of the course and school registrar will then review the transcript to determine its accuracy, consulting with the school principal and Head of School where necessary. The registrar will be responsible for issuing a revised transcript where it is deemed appropriate.

Advanced Placement (AP) and Honors Classes Offered at Peak Prep

Advanced Placement:

AP Biology
AP Calculus AB
AP Computer Science
AP English Language and Composition
AP English Literature and Composition
AP Environmental Science
AP Human Geography
AP Psychology
AP Spanish Language and Culture
AP Statistics
AP US Government & Politics
AP United States History
AP World History: Modern

Advanced Placement courses are those developed by the College Board, which allow high school students to undertake college-level academic learning in AP courses, and prepares students to take the AP Exams. Students may receive credit from many colleges and universities. Students enrolled in AP courses are strongly encouraged and expected to take the AP exam. Grades for honors and AP classes in grades 11-12 (AP European History taken in grade 10 included) shall be weighted to reflect the rigorous nature of courses in accordance with Board policy and administrative regulations.

Honors

Honors Algebra I**
Honors Algebra 2**
Honors Biology**
Honors Chemistry
Honors Chemistry in the Earth System
Honors English 9**
Honors English 10
Honors English 11
Honors English 12
Honors Geometry
Honors Mathematics I
Honors Mathematics 2
Honors Mathematics 3
Honors Physics
Honors Physics in the Universe
Honors The Living Earth
Honors World History
Honors U.S. History

HONORS CLASSES, ACCORDING TO THE UNIVERSITY OF CALIFORNIA, ARE THOSE, WHICH "MUST HAVE DISTINCTIVE FEATURES THAT SET THEM APART FROM REGULAR COLLEGE PREPARATORY HIGH SCHOOL COURSES IN THE SAME SUBJECT. THESE COURSES SHOULD BE VIEWED AS COMPARABLE IN TERMS OF WORKLOAD AND EMPHASIS TO INTRODUCTORY COLLEGE COURSES IN THE SUBJECT."

** These courses do not meet the UC Honors Guidelines

List of University of California A-G Courses Offered

Please note: Course availability is subject to change based on enrollment.

UC admission requirements include a grade of C- or higher in all UC-approved courses.

A. History/Social Science

- AP Human Geography
- AP Government and Politics United States
- AP Psychology
- AP Government & Politics
- AP United States History
- AP World History: Modern
- Civics
- Principles of American Democracy
- Principles of American Democracy (CR)
- Principles of American Democracy Honors
- U.S. History and Geography
- U.S. History and Geography (CR)
- U.S. History and Geography Honors
- World History: Modern
- World History: Modern (CR)
- World History, Culture and Geography
- World History, Culture and Geography (CR)
- World History, Culture, and Geography Honors

B. English

- AP English Language and Composition
- AP English Literature and Composition
- Creative Writing
- English 9
- English 9 Accelerated
- English 9 (CR)
- English 10
- English 10 Honors
- English 10 (CR)
- English 11
- English 11 Honors
- English 11 (CR)
- English 12
- English 12 Honors
- English 12 (CR)
- Expository Reading & Writing
- Gothic Lit
- Mythology & Folklore

C. Mathematics

- AP Calculus AB
- AP Statistics
- Algebra 1
- Algebra 1 Honors
- Algebra 1 (CR)
- Algebra 2
- Algebra 2 Honors
- Algebra 2 (CR)
- Geometry
- Geometry Honors
- Geometry (CR)
- Pre-Calculus
- Pre-Calculus Honors
- Pre-Calculus (CR)
- Mathematics 1
- Mathematics 1 Honors
- Mathematics 1 CR
- Mathematics 2
- Mathematics 2 Honors
- Mathematics 2 CR
- Mathematics 3
- Mathematics 3 Honors
- Mathematics 3 CR
- Mathematicical Analysis Honors
- Statistics & Probability
- Trigonometry

D. Science

- AP Biology
- AP Environmental Science
- Biology
- Biology Honors
- Biology (CR)
- Chemistry
- Chemistry Honors
- Chemistry (CR)
- Chemistry in the Earth System
- Chemistry in the Earth System Honors
- Earth & Space Science
- Physical Science
- Physical Science CR
- Physics
- Physics Honors
- Physics in the Universe
- Physics in the Universe Honors
- The Living Earth
- The Living Earth Honors

E. Language Other than English

- AP Spanish Language and Culture
- Spanish 1
- Spanish 2
- Spanish 3

F. Visual & Performing Art

- Digital Photography 1
- Digital Photography II
- Theater, Cinema & Film Production
- Visual Arts

G. College-Preparatory Elective

- AP Computer Science Principles
- African American History
- Animation
- Anthropology I
- Anthropology II: More Human
- Archaeology
- Art History I
- Astronomy
- Banking Services Careers
- Biotechnology
- Business Law
- Concepts of Engineering and Technology
- Contemporary Health
- Criminology: Inside the Criminal Mind
- Cyber Security
- Economics
- Economics Honors
- Environmental Science
- Family and community services
- Fashion and Interior Design
- Financial Math
- Forensic Science I: Secrets of the Dead
- Forensic Science II: More Secrets of the Dead
- Forensics: The Science of Crime
- Foundations of Game Design
- Fundamentals of Computer Systems
- Fundamentals of Digital Media
- Fundamentals of Programming & Software Development
- Game Design
- Great Minds in Science: Ideas for a New Generation
- History of the Holocaust
- Information and Communication Technology
- International Business: Global Commerce
- Introduction to Business and Finance
- Introduction to Careers in Finance

- Introduction to Communications and Speech I
- Introduction to Communications and Speech II
- Introduction to Information Technology Support & Services
- Introduction to Network Systems
- Journalism 1 A
- Journalism 1 B
- Linear Algebra
- Literacy and Comprehension 1
- Literacy and Comprehension 2
- Marine Science
- Military Science I: Leadership at its Finest
- Music Appreciation: The Enjoyment of Listening
- Network System Design
- New Applications: Web Development in the 21st Century
- Personal Finance
- Philosophy
- Psychology
- Public Speaking 1 A
- Public Speaking 1 B
- Small Business Entrepreneurship
- Social Media: Our Connected World
- Social Problems I: A World In Crisis
- Social Problems II: Crisis, Confllicts & Challenge
- Sociology
- Software Development Tools
- Sports and Entertainment Marketing
- World Regional Geography
- World Religions: Exploring Diversity
-

High School Courses – 9-12th Grade

*California A-G Approved Courses

Category A: History/Social Science

AP Government and Politics A&B*- *UC honors-level*

This one-semester college-level course is designed to prepare students for the AP United States Government and Politics exam. Students will study the Constitutional underpinnings and structure of the United States government, issues of politics and political parties, and topics in civil rights and public policy, demonstrating their understanding and acquisition of skills through written work, project-based activities, and practice exams.

AP Human Geography A&B*- *UC honors-level*

Human Geography is a college-level course designed to prepare students for the AP Human Geography Exam. The goal of the course is to provide students with a geographic perspective through which to view the world. Through a combination of direct instruction, documentary videos, and online readings, students will explore geographic concepts, theories, and models; human-environment interactions; and interactions among human systems. Topics covered include population, culture, political organization of space, agricultural land use, industrialization, and urban land use. Students will demonstrate their understanding and acquisition of skills through essays, document-based questions, student collaborative activities, and practice AP exams.

AP US History A&B*- *UC honors-level*

This course surveys the history of the United States from the settlement of the New World to modern times and prepares students for the AP United States History Exam. The course emphasizes themes such as national identity, economic transformation, immigration, politics, international relations, geography, and social and cultural change. Students learn to assess historical materials, weigh the evidence and interpretations presented in historical scholarship, and analyze and express historical understanding in writing.

AP World History: Modern A&B*- *UC honors-level*

This advanced study of world history explores historical themes common to societies around the world and across time periods, from 1200 to the present day. Emphasis is placed on document analysis, historical thinking skills, reasoning processes, and essay writing. Students will demonstrate their understanding and acquisition of skills through written work, document-based questions, project-based activities, and practice exams.

Civics and Citizenship

Civics and Citizenship is a one-semester elective appropriate for students in middle school and early high school. The course investigates events, concepts, and issues with a 360-degree view allowing multiple perspectives from various cultures and institutions to inform student learning. The course is divided into five units in which students will explore their civic roles, rights, and responsibilities; analyze the development of democracy in the United States; study the purposes and principles of the Constitution; investigate the role of

power in decision-making; and discover ways to influence the government. The course provides opportunities to actively engage with the content through interactives, assignments, readings, short writings, projects, and discourse.

Modern World History

This yearlong course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

Modern World History (CR)

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Principles of American Democracy

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. Social Studies 15 After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

Principles of American Democracy Honors

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of the American government. Social Studies 15 After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course

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Principles of American Democracy CR

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

U.S. History and Geography*

U.S. History I is a yearlong course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from the Era of Exploration through the Industrial Revolution, leading students through a careful examination of the defining moments that shaped the nation of today. Students begin by exploring the colonization of the New World and examining the foundations of colonial society. As they study the early history of the United States, students will learn critical-thinking skills by examining the constitutional foundations of U.S. government. Recurring themes such as territorial expansion, the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction.

U.S. History and Geography Honors* - *UC honors-level*

From the first colonial settlements through today's society, students will embark on a more rigorous yearlong study of our nation's history. Students investigate the economic, political, and social revolutions that have transformed our country into the nation it is today. Units progress through Honors 47 the course by taking an in-depth look at events such as those surrounding the creation of the Constitution, the Civil War, our nation's involvement in World War I and II, as well as cultural aspects of our society. From writing about life in the colonies to analyzing landmark Supreme Court decisions, students are better equipped to compare what happened in yesterday's world with what is going on in our modern era. Throughout this Honors course, students continuously analyze primary and secondary sources relating to the period of study. Incorporating activities from other disciplines gives students the opportunity to connect history to other subjects. Students read excerpts from novels like Upton Sinclair's The Jungle and poetry such as "The New Colossus" by Emma Lazarus. Activities such as writing a petition and analyzing various Presidents' speeches encourage students to perform throughout the course at a higher level.

U.S. History and Geography (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

World History, Culture and Geography*

This yearlong course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

World History, Culture and Geography Honors*–*UC honors-level*

From the first colonial settlements through today's society, students will embark on a more rigorous yearlong study of our nation's history. Students investigate the economic, political, and social revolutions that have transformed our country into the nation it is today. Units progress through Honors 47 the course by taking an in-depth look at events such as those surrounding the creation of the Constitution, the Civil War, our nation's involvement in World War I and II, as well as cultural aspects of our society. From writing about life in the colonies to analyzing landmark Supreme Court decisions, students are better equipped to compare what happened in yesterday's world with what is going on in our modern era. Throughout this Honors course, students continuously analyze primary and secondary sources relating to the period of study. Incorporating activities from other disciplines gives students the opportunity to connect history to other subjects. Students read excerpts from novels like Upton Sinclair's The Jungle, and poetry such as "The New Colossus" by Emma Lazarus. Activities such as writing a petition and analyzing various Presidents' speeches encourage students to perform throughout the course at a higher level.

World History, Culture and Geography (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

AP English Language and Composition A & B- *UC honors-level*

In this introductory college-level course, students advance their understanding of rhetoric and writing through the reading, analyzing, and writing of rhetorical texts. Throughout the course, students explore the basic tenets of writing and argumentation, such as rhetorical situation, claims and evidence, reasoning and organization, and style. Students will read and analyze a variety of nonfiction genres, including essays, journalism articles, political writings, science writings, nature writings, autobiographies, biographies, diaries, speeches, history writings, and criticisms from multiple perspectives and backgrounds. The primary focus is on writing evidence-based analytical, synthesis, and argumentative essays and analyzing the rhetorical choices of a wide range of nonfiction writers. In addition to explicit instruction and a variety of independent and collaborative learning opportunities, the course offers specific exam preparation lessons and practice.

AP English Literature and Composition A & B- *UC honors-level*

In this introductory college-level course, students develop the fundamentals of literary analysis and introductory college compositions. The course focuses on analyzing, evaluating, and interpreting literary fiction, poetry, and drama from a range of literary periods, authors, and perspectives. The diverse canon allows students to explore the function of character, setting, structure, narrator, and figurative language. Through a wide range of instruction and collaborative writing activities, students articulate their interpretation of literature through writing. The course includes exam preparation and practice that anticipates common student misconceptions.

Creative Writing

For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.

English 9*

This freshman-year English course engages students in literary analysis and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts, including Homer's The Odyssey, Shakespeare's Romeo and Juliet, and Richard Connell's "The Most Dangerous Game." They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

English 9 Accelerated*

This freshman honors English course invites students to explore a variety of diverse and complex texts organized into thematic units. Students will engage in literary analysis Honors Honors 45 and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, honors students will master comprehension, use evidence to

conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, research and critically analyze sources of information, and produce clear, coherent writing. In addition to activities offered to students in core courses, honors students are given additional opportunities to create and to participate in project-based learning activities, including writing a Shakespearian sonnet and creating an original interpretation of a Shakespearian play. Honors students will read a range of classic texts, including Homer's The Odyssey, Shakespeare's Romeo and Juliet, Jack London's "To Build a Fire" and Richard Connell's "The Most Dangerous Game." Students will also read Sue Macy's full length nonfiction work Wheels of Change: How Women Rode the Bicycle to Freedom (With a Few Flat Tires Along the Way), and will study a variety of short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

English 9 (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

English 10*

Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary. Under the guidance of the Writing software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays.

English 10 Honors*

This sophomore-year honors English course provides engaging and rigorous lessons with a focus on academic inquiry to strengthen knowledge of language arts. Honors reading lessons require analyzing complex texts, while concise mini-lessons advance writing and research skills to craft strong, compelling essays and projects. Students will write argumentative and analytical essays based on literary texts, as well as an informative research paper using MLA style. Throughout the course, students read a range of classic and contemporary literary texts including Henrik Ibsen's A Doll's House, George Orwell's Animal Farm, and Marjane Satrapi's Persepolis. In addition to reading a wide range of literary texts, students read and analyze complex informational and argumentative texts including Sonia Sotomayor's "A Latina Judge's Voice," Niccolò Machiavelli's The Prince, and the contemporary informational text Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science.

English 10 (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

English 11*

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

English 11 Honors*-*UC honors-level*

This junior-year honors English course invites students to delve into American literature from early American Indian voices through contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, including the full length novel The Awakening by Kate Chopin. While critically reading fiction, poetry, drama, and expository nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, research and critically analyze sources of information, and produce clear, coherent writing. To round out the course, students will read a range of short but complex texts, including Henry David Thoreau's essay "Civil Disobedience," Floyd Dell's drama King Arthur's Socks, and works by Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

English 11 (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

English 12*

This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.

English 12 Honors*-*UC honors-level*

This senior-year honors English course invites students to delve into British literature, from ancient texts such as the epic of Beowulf through contemporary works. Students will engage in a variety of rigorous lessons with a focus on academic inquiry, literary analysis, and inferential evaluation. While critically reading fiction, poetry, drama, and expository nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, examine and critique how authors develop ideas in a variety of genres, and synthesize ideas across multiple texts. In addition to activities offered to students in core courses, honors students are given additional opportunities

to create and participate in project-based learning activities, including creating a time travel brochure and an original interpretation of William Shakespeare's The Tragedy of Hamlet. Honors students will read a range of classic texts, including Robert Louis Stevenson's The Strange Case of Dr. Jekyll and Mr. Hyde, "Politics and the English Language" by George Orwell, and William Shakespeare's The Tragedy of Hamlet. In addition to full length works, students will read a variety of excerpts, including readings from Lord of the Rings: The Fellowship of the Ring, The Smithsonian's History of America in 101 Objects, and Chaucer's The Canterbury Tales, as well as a variety of short fiction, speeches, and poetry

English 12 (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Expository Reading & Writing

This elective English course is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction, poetry, and drama the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. Students will read a range of short but complex texts, including works by Walt Whitman, Abraham Lincoln, Cesar Chavez, Martin Luther King Jr., Langston Hughes, Julia Alvarez, Edna St. Vincent Millay, and Gary Soto.

Gothic Lit

From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction.

Mythology & Folklore

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today

Category C: Math

AP Calculus AB - *UC honors-level*

Major topics of study in this full-year course include a review of pre-calculus, limits, derivatives, definite integrals, mathematical modeling of differential equations, and the applications of these concepts. Emphasis is placed on the use of technology to solve problems and draw conclusions. The course utilizes a multi-representative approach to calculus with concepts and problems expressed numerically, graphically, verbally, and analytically

AP Statistics

Major topics of study include exploring one-and twovariable data, sampling, experimentation, probability, sampling distributions, and statistical inference. These topics are organized into three big ideas: variation and distribution, patterns and uncertainty, data-based predictions, decisions, and conclusions.

Algebra 1*

This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.

Algebra 1 Honors*

This full-year honors course introduces students to linear, exponential, and quadratic functions by interpreting, analyzing, comparing, and contrasting functions that are represented numerically, tabularly, graphically, and algebraically. Technology is utilized within some lessons to further support students in identifying key features as well as displaying images of the functions. The course builds upon the basic concepts of functions to include transformations of linear and non-linear functions. Students deepen their understanding of quantitative reasoning, piecewise functions, and quadratic functions through performance tasks. The additional performancebased skills allow the honors students to apply more of the concepts taught in the course. The course concludes with students analyzing data through displays and statistical analysis.

Algebra 1 (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Algebra 2*

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

Algebra 2 Honors*

The course begins with a review of concepts that will assist students throughout the course, such as literal equations, problem solving, and word problems. Students then progress to a unit on functions where students compute operations of functions, compose of functions, and study inverses of functions. To build on their algebraic skills, students learn about complex numbers and apply them to quadratic functions via completing the square and quadratic formula methods. Next, students solve linear systems and apply their knowledge of the concept to three-by-three systems. An in-depth study on polynomial operations and functions allow students build their knowledge of polynomials algebraically and graphically. In the second semester, students study nonlinear functions. Students solve and graph rational and radical functions whereas the exponential and logarithmic functions focus on the key features and transformations of the functions. Expected value and normal distribution concepts expand and deepen students' knowledge of probability and statistics. Students also cover trigonometric functions and periodic phenomena.

Algebra 2 (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Geometry*

This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

Geometry Honors*

The course begins by exploring the foundational concepts of Euclidean Geometry in which students learn the terminology of geometry, measuring, proving theorems, and constructing figures. Students then expand on their knowledge of transformations and complete an assignment on identifying point symmetry as well as completing a performance task on tessellations. The course continues with an in-depth look at triangles where students prove theorems, relating congruency

and similarity in terms of transformations, and connecting right triangles relationships to trigonometry. Students study set theory and apply probability through theoretical and experimental probability, two-way tables, and combinations and permutations. With lessons pertaining to quadrilaterals, students can identify the various figures based on their key features. Within the circles units, students identify angles, radii, and chords, perform a performance-based task on tangents, and then compute the circumference and area of various circles. Then students study parabolas, ellipses and hyperbolas before modeling and computing two- and three-dimensional figures.

Geometry (CR)*

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Pre-Algebra

This full-year course is designed for high school students who have completed a middle school mathematics sequence but are not yet algebra-ready. This course reviews key algebra readiness skills from the middle grades and introduces basic Algebra I work with appropriate support. Students revisit concepts in numbers and operations, expressions and equations, ratios and proportions, and basic functions. By the end of the course, students are ready to begin a more formal high school Algebra I study.

Pre-Calculus

With an emphasis on function families and their representations, Precalculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics.

Pre-Calculus Honors

This full-year advanced math course starts with a unit on the nature of functions and complex numbers before moving into matrices, systems, and linear programming. Students then return to functions with a focus on graphing a variety of function types; this unit includes a performance task on production schemes. Students explore rational functions in depth and then conclude the first semester with right triangle and circular trigonometry. In the second half of the course, students synthesize what they have learned to graph and solve trigonometric functions. They also study vectors, conics and analytic geometry, statistics and probability, mathematical modeling, and sequences and series.

Pre-Calculus (CR)

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Mathematics 1

The first in an integrated math series for high school, this course formalizes and extends middle school mathematics, deepening students' understanding of linear relationships. The course begins with a review of relationships between quantities, building from unit conversion to a study of expressions, equations, and inequalities. Students contrast linear and exponential relationships, including a study of sequences, as well as applications such as growth and decay. Students review one-, two-, and multi-step equations, formally reasoning about each step using properties of equality. Students extend this reasoning to systems of linear equations. Students use descriptive statistics to analyze data before turning their attention to transformations and the relationship between algebra and geometry on the coordinate plane

Mathematics 1 Honors

Mathematics 1 CR

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Mathematics 2

This course begins with a brief exploration of radicals and polynomials before delving into quadratic expressions, equations, and functions, including a derivation of the quadratic formula. Students then embark on a deep study of the applications of probability and develop advanced reasoning skills with a study of similarity, congruence, and proofs of mathematical theorems. Students explore right triangles with an introduction to right-triangle trigonometry before turning their attention into the geometry of circles and making informal arguments to derive formulas for the volumes of various solids.

Mathematics 2 Honors

Mathematics 2 CR

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Mathematics 3

This course synthesizes previous mathematical learning in four focused areas of instruction. First, students relate visual displays and summary statistics to various types of data and to probability distributions with a focus on drawing conclusions from the data. Then, students embark on an in-depth study of polynomial, rational, and radical functions, drawing on concepts of integers and number properties to understand polynomial operations and the combination of functions through operations. This section of instruction builds to the fundamental theorem of algebra. Students then expand the study of right-triangle trigonometry they began in Mathematics II to include non-right triangles and developing the laws of sines and cosines. Finally, students model an array of real-world situations with all the types of functions they have studied, including work with logarithms to solve exponential equations. As they synthesize and generalize what they have learned about a variety of function families, students appreciate the usefulness and relevance of mathematics in the real world

Mathematics 3 Honors

Mathematics 3 CR

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Mathematical Analysis Honors

Statistics & Probability

This fourth-year high school math option provides a comprehensive introduction to data analysis and statistics. Students begin by reviewing familiar data displays through a more sophisticated lens before diving into an in-depth study of the normal curve. They then study and apply simple linear regression and explore sampling and experimentation. Next, students review probability concepts and begin a study of random variables. Later topics also include sampling distributions, estimating and testing claims about proportions and means, and inferences and confidence intervals.

Trigonometry

In this one-semester course, students use their geometry and algebra skills to begin their study of trigonometry. Students will be required to express understanding using qualitative, quantitative, algebraic, and graphing skills. This course begins with a quick overview of right-triangle relationships before introducing trigonometric functions and

Category D: Laboratory Science

AP Biology

This yearlong, college-level course is designed to prepare students for the Advanced Placement (AP) Biology exam. Units of study include Biochemistry, Cells, Enzymes and Metabolism, Cell Communication and Cell Cycle, Gene Expression, Evolution and Genetic Diversity, and Ecology.

AP Environmental Science

Environmental Science is a laboratory- and field-based course designed to provide students with the content and skills needed to understand the various interrelationships 18 Imagine Learning in the natural world, to identify and analyze environmental problems, and to propose and examine solutions to these problems. Since this is an online course, the laboratoryand field-based activities will be completed virtually and via experiments that students can easily perform at home with common materials. The course is intended to be the equivalent of a one-semester, college-level ecology course, which is taught over a full year in high school. The course encompasses human population dynamics, interrelationships in nature, energy flow, resources, environmental quality, human impact on environmental systems, and environmental law.

Biology

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options

Biology Honors

This compelling full-year course engages students in a rigorous honors-level curriculum that emphasizes the study of life and its real-world applications. This course examines biological concepts in more depth than general biology and provides a solid foundation for collegiate-level coursework. Course components include biochemistry, cellular structures and functions, genetics and heredity, bioengineering, evolution, structures and functions of the human body, and ecology. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing.

Biology (CR)

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Chemistry

This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher-order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the

interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

Chemistry Honors

This rigorous full-year course provides students with an engaging honors-level curriculum that emphasizes mathematical problem solving and practical applications of chemistry. Topics are examined in greater detail than general chemistry in order to prepare students for college-level coursework. Course components include atomic theory and structure, chemical bonding, states and changes of matter, chemical and redox reactions, stoichiometry, the gas laws, solutions, acids and bases, and nuclear and organic chemistry. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing.

Chemistry (CR)

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Chemistry in the Earth System

Course description coming soon!

Chemistry in the Earth System Honors

Course description coming soon!

Earth & Space Science

Course description coming soon!

Physical Science

This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses. Hands-on wet lab options are also available.

Physical Science CR

Credit Recovery is ideal for students who have had prior exposure to this course yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework.

Physics

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think

critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses

Physics Honors

This rigorous full-year course provides students with an engaging honors-level curriculum that emphasizes abstract reasoning and applications of physics concepts to realworld scenarios. Topics are examined in greater detail than general physics and provide a solid foundation for collegiate-level coursework. Course components include one- and two-dimensional motion, momentum, energy and thermodynamics, harmonic motion, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing

Physics in the Universe

Course description coming soon!

Physics in the Universe Honors

Course description coming soon!

The Living Earth

Course description coming soon!

The Living Earth Honors

Course description coming soon!

Category E: Languages Other than English

AP Spanish Spanish Language & Culture *-*UC honors-level*

Spanish Language and Culture is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical, and communication skills. The course prepares students for the AP® Spanish Language and Culture Exam. It uses as its foundation the three modes of communication (interpersonal, interpretive, and presentational) as defined in the Standards for Foreign Language Learning in the Twenty-First Century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. In addition, all student work, practices, projects, participation, and assessments are in Spanish. 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.

Spanish 1*

Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit 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 Spanish-speaking areas in Europe and the Americas.

Spanish 2*

High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit 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, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments.

Spanish 3

In this expanding engagement with Spanish, high school 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 Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit 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 Spanish-speaking areas in Europe and the Americas.

Category F: Visual and Performing Arts

Digital Photography 1

Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture that moment that you saw with your eyes? The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs

Digital Photography II: Discovering Your Creative Potential

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye catching photograph

Theater, Cinema & Film Production

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!

Visual Arts

Covering art appreciation and a timeline of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, the Visual Arts course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology, and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, world art, and art from the middle ages through modern and contemporary art of today

Category G: College-Preparatory Electives

AP Psychology*-*UC honors-level*

Psychology will introduce students to the systematic study of the behavior and mental processes of human means and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major fields within psychology. Students also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Psychology exam.

AP Computer Science Principles

This course introduces students to a broad set of big ideas: creative development, data, algorithms and programming, computing systems and networks, and the impact of computing. Additionally, this course emphasizes the use of computational thinking practices for effective learning experiences and problem solving. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students will need to access to Python to complete this course.

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, the Civil Rights Movement, and the many contributions of the African American community to American life. You will also explore how the history of African Americans influences current events today

Animation

Do you wonder what it would be like to create the next blockbuster animated movie or do you want to make the next big video game? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! You will learn how to use animation tools to conceptualize and bring your creations to life. You'll learn the ins and outs of creating 2D and 3D animation, from start to finish. You'll even begin working on our own design portfolio and get hands on experience with creating your own animation projects.Learning about Animation could lead to a thriving career in the growing world of technology and animation.

Anthropology I

The aim of anthropology is to use a broad approach to gain an understanding of our past, present and future, and in addition address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the

ability to cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

Anthropology II: More Human

Anthropology has helped us better understand cultures around the world and through different time period. This course continues the study of global cultures and the ways that humans have made sense of their world. We will examine some of the ways that cultures have understood and gave meaning to different stages of life and death. The course will also examine the creation of art within cultures and examine how cultures evolve and change over time. Finally, we will apply the concepts and insights learned from the study of anthropology to several cultures found in the world today

Archaeology

George Santayana once said, “Those who cannot remember the past are condemned to repeat it.” The field of archaeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on this techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these item

Art History I

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenthcentury art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas

Astronomy

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Banking Services Careers

Banking Services Careers is a semester-long high school course that provides an overview of how the banking system works, what the Federal Reserve is, and the technical and social skills needed to work in banking and related services. Students explore career paths and the required training or higher education necessary and gain an understanding of the basic functions of customer transactions (e.g., setting up an account, processing a loan, establishing a business), cash drawer activity, check collection processes, and other customer service–related transactions. This course also discusses how technology has changed banking in the 21st century. The banking industry is responsible for many of the products that we use on a daily basis, from checking and savings accounts to debit cards, credit cards, and loans.

Biotechnology

Can we bring back extinct species? Will the cures for cancer, malaria, and other diseases come from the combination of natural materials and new technologies? How is science changing the foods we eat? Welcome to the world of biotechnology! In this course, you will explore the history of biotechnology, including early attempts at food preservation, the development of antibiotics, and changes to food crops around the world. You'll also learn more about some of the challenges of biotechnology, such as the growth of antibiotic resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMOs). Finally, you'll research new biotechnologies and how they are changing the world we live in.

BUSINESS COMPUTER INFORMATION SYSTEMS

Business Computer Information Systems is a year-long course that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas: communication, business technology, word processing, spreadsheet, and database applications, telecommunications, desktop publishing, and presentation technology, computer networks, and computer operating systems.

Business Law

This semester-long high school course is designed to provide students with the knowledge of some of the vital legal concepts that affect commerce and trade, after first gaining some familiarity with how laws are created and interpreted. Students are then introduced to the types of businesses that can be created as well as the contractual and liability considerations that can impact a business. Laws that affect how a business is regulated are reviewed, particularly the impact of administrative rules and regulations on a business. Global commerce and international agreements, treaties, organizations, and courts are discussed to get a better sense of what it means to "go global" with a business. Dispute resolution strategies are also addressed.

Career Explorations

This course prepares students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skill demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. This course is designed to provide flexibility for students; any number of units can be selected to comprise a course that meets the specific needs of students.

Career Management

Career Management is a semester-length high school course that assists students in their preparation for career selection. The course is designed to improve workforce skills needed in all careers including communication, leadership, teamwork, decision making, problem solving, goal setting and time management. Students complete activities that help identify personal interests, aptitudes, and learning styles. Students use results of self-assessments to determine careers that may prove personally satisfying.

Career Planning and Development

Introducing high school students to the working world, this year-long course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and

responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

Computer Applications: Office® 2016

This full-year course introduces students to the features and functionality of the most widely used productivity software in the world: Microsoft® Office®. Through video instruction, interactive skill demonstrations, and numerous hands-on practice assignments, students learn to develop, edit and share Office 2019 documents for both personal and professional use. By the end of this course, students will have developed basic proficiency in the most common tools and features of the Microsoft Office suite of applications: Word®, Excel®, PowerPoint®, and Outlook®. Required Materials: ƒ Students must have access to MS Office 2019 or Office 365 ƒ Presentation software (e.g., MS PowerPoint)

Concepts of Engineering and Technology

Each day, we are surrounded by technology and engineering projects. From our phones to the bridges we drive over, engineering and technology influence many parts of our lives. In Concepts of Engineering and Technology, you will learn more about engineering and technology careers and what skills and knowledge you'll need to succeed in these fields. You'll explore innovative and cutting-edge projects that are changing the world we live in and examine the design and prototype development process. Concepts of Engineering and Technology will also help you understand the emerging issues in this exciting career field.

Contemporary Health

Available as either a semester or year-long course, this high-school health offering examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws

Criminology: Inside the Criminal Mind

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors from arrest to punishment…help shape the criminal case process?

Cyber Security

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.

Digital Literacy

This semester-long elective provides a foundation to understanding key applications, computing fundamentals, and online living. This course focuses on describing technology basics including finger placement on the keyboard and the differences between hardware and software. Students describe the functions of operating systems and their utilities, identify computer networks, how they work, and computer and internet safety. Students identify different communications industries and how to use email, Microsoft Word®, PowerPoint®, and Outlook®, describe how to create spreadsheets, enter data, create graphs, and use formulas and shortcuts in spreadsheets. Additionally, students will identify the functions of PowerPoint®, digital media, intellectual property law, workplace crimes, privacy concerns, digital citizenship, and how to stay safe on social media. Required materials: *f* Students must have access to MS Office or Office 365, including Access, Excel, Outlook, PowerPoint, and Word

Economics

Available as either a semester or a full year, this course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

Economics Honors

From creating graphs to reach equilibrium to learning to manage a bank account, students will take part in a more rigorous semester long study of the principles and processes of economics in the American system. Students begin with an introduction of basic economic concepts then move on to an in-depth study of microeconomic principles. Students showcase their understanding of supply, demand, and economic choices by completing a case study on starting a business. Students then turn to macroeconomic concepts, government policies, and entrepreneurship. With this foundation, students create a proposal for public policies and programs in a small developing nation. Students continue their study of Economics by examining global economic concepts such as trade barriers and agreements. This Honors course concludes with a unit on personal finance. Students will learn more about topics such as taxation, financial institutions, credit, and money management. Students extend their knowledge of personal financial planning by creating a successful budget. Throughout the course, economic theory is introduced, demonstrated, and reinforced through real-life scenarios and examples. In assignments and project-based lessons, students learn to apply critical thinking skills while making practical economic choices.

Environmental Science

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

Foundations of Personal Wellness

Exploring a combination of health and fitness concepts, this comprehensive and cohesive course explores all aspects of wellness. Offered as a two-semester course designed for high school students, the coursework uses pedagogical planning to ensure that students explore fitness and physical health and encourages students to learn about the nature of social interactions and how to plan a healthy lifestyle. NOTE: This course contains content from both Healthy Living and Lifetime Fitness; to avoid duplication, students should take either those one-semester courses or this full-year course.

Family and community services

Family and Community Services is a high school semesterlong course that introduces applications within professions related to family and community services. Students identify degree and credential requirements for occupations in this pathway and identify individual, social, historical, economic, and cultural context to increase awareness of family and community services. Students develop the abilities necessary to evaluate and identify a range of effective communication strategies and skills for establishing a collaborative relationship with others. Students also complete a variety of projects to apply their skills and knowledge. Units are divided among career fields: Social Workers, Emergency Management and Planners, Therapists and Treatment Specialists, Education and Childcare.

Fashion Design

Are your students fashion trend followers? Are they drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do they dream of designing their own line of clothing or accessories? Students will 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. Students will start creating today!

Financial Math

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, longterm investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

Forensic Science I: Secrets of the Dead

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed. The Science of Crime or Forensic Science 1 and 2.

Forensic Science II: More Secrets of the Dead

Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined

Forensics: The Science of Crime

Fingerprints. Blood spatter. DNA analysis. Law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Students will explore techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, they'll follow evidence trails until the CSI goes to trial in the criminal justice system, examining how various elements of the crime scene are analyzed and processed. The Science of Crime or Forensic Science 1 and 2.

Foundations of Game Design 1A

Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game!

Foundations of Game Design 1B

Now that you have the basics of game design down, let's use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.

Fundamentals of Computer Systems

Fundamentals of Computer Systems is a semesterlong high school course that provides students with an understanding of computers and how they operate as well as a basic understanding of how to manage and maintain computers and computer systems. These skills provide students with the ability to configure computers and solve computer problems. Students learn details about the different elements of computers and computer systems, how to identify hardware devices and their functions, the role of operating systems as well as how to install and customize Windows operating system. Students also learn about networking and the Internet, security issues, and current software applications, such as Microsoft® Office. In addition, students learn specifics about maintaining and troubleshooting computers, including managing files, backing up systems, and using the administrative tools in Windows operating system. Lastly, students learn the basics of customer service and working as a help desk support technician.

Fundamentals of Digital Media

Fundamentals of Digital Media is a semester-long course that presents high school students an overview of the different types of digital media and how they are used in the world today. This course examines the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces several different career paths related to digital media. Students learn about the tools used as well as best practices employed for creating digital media. In the course, students explore topics such as the use of social media, digital media in advertising, digital media on the World Wide Web, digital media in business, gaming and

simulations, e-commerce, and digital music and movies. Students also review the ethics and laws that impact digital media use or creation.

Fundamentals of Programming & Software Development

This semester-long course provides students with an understanding of basic software development concepts and practices, issues affecting the software industry, careers within the software industry, and the skills necessary to perform well in these occupations. Students learn details about core concepts in programming using Java, writing and debugging code, proper syntax, flow of control, order of operations, comparison operators, and program logic tools and models. Students learn the function of key program techniques including if statements, looping, and arrays, as well as web development using HTML and drag-and-drop development of user interfaces in an integrated development environment. Students explore the software development life cycle and different variations used to create software. Required Materials: *f* Activities in this course require that the Java Software Development Kit (SDK) and the NetBeans Integrated Development Environment (IDE) is installed on students' computers. Instructions are included in the Unit 1 lesson titled "Introduction to Java Programming.

Great Minds in Science: Ideas for a New Generation

Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers are working to answer all of these questions. Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit takes an indepth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.

History of the Holocaust

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

International Business: Global Commerce

From geography to culture Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century

Introduction to Business and Finance

In this two-semester introductory course, students learn the principles of business using real-world examples— learning what it takes to plan and launch a product or service in today's fast-paced

business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

Introduction to Careers in Finance

Introduction to Careers in Finance is a semester-long course that provides the fundamentals of the financial services industry in the United States and explores the jobs and career opportunities that the industry offers. Course units address a broad set of services in the industry including finance overview, financial services, securities analysis, investments, principles of corporate finance, banking services, risk management, and insurance.

Introduction to Communications and Speech I

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers a fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this one-semester course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches.

Introduction to Communications and Speech II

Description coming soon!

Introduction to Computer Science

This full-year course is designed for students in grades 9–10, although any students across grades 9–12 may enroll. This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can affect the world. Students have creative, hands-on learning opportunities to create computer programs, develop web pages, design mobile apps, write algorithms, and collaborate with peers while building strong foundational knowledge. This course provides a solid foundation for more advanced study as well as practical skills that students can use immediately

Introduction to Information Technology Support & Services

This semester-long course focuses on real-world application, including common industry best practices and specific vendors that offer tools for technicians, project managers, and IT leadership. Students learn how the IT department of an enterprise supports the overall mission of the company. Students apply their knowledge of hardware and software components associated with IT systems while exploring a variety of careers related to IT support and services. Students analyze technical support needs to perform customer service and configuration management activities. Students also evaluate application software packages and emerging software. Students demonstrate and apply knowledge of IT analysis and design by initiating a system project and evaluating applications within the IT system.

Introduction to Network Systems

This semester-long course introduces students to the fundamental technology and concepts that make networking systems possible. The most important concept introduced is that of the OSI reference model and its bottom four layers, which are most directly concerned with networking instead of computing. The course explores the software and hardware supporting LANs, WANs, and

Wi-Fi networks. Students are introduced to the protocols in the TCP/IP stack that are used to communicate across a network, and to networking hardware, including hubs, switches, bridges, routers, and transmission media. Students explore questions of security, network management, and network operating systems

Journalism 1

If you're the first to know what's going on in your school or town, or the first to post on Facebook or Instagram about your favorite TV shows or favorite celebrities, then you're just the person that every online, in-print, and broadcast news outlet is looking for. And Journalism: Investigating the Truth is the perfect course for you! In this course, you'll learn how to write a lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You'll also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career.

Lifetime Fitness

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Available as either a semester or year-long course, Lifetime Fitness encourages students to assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular improve endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

Linear Algebra

Course Description Coming Soon!

Literacy and Comprehension 1

This course is one of two intervention courses designed to support the development of strategic reading and writing skills. These courses use a thematic and contemporary approach, including high-interest topics to motivate students and expose them to effective instructional principles using diverse content area and real-world texts. Both courses offer an engaging technology-based interface that inspires and challenges students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

Literacy and Comprehension 2

Offering high-interest topics to motivate students who are reading two to three levels below grade, this course works in conjunction with Literacy & Comprehension I to use a thematic and contemporary approach to expose students to effective instructional principles using diverse content area and real-world texts. Each of these reading intervention courses offers an engaging, technology-based interface that inspires and challenges high school and middle school students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

Marine Science

Have you wondered about the secrets of the deep and how the creatures below the ocean's surface live and thrive? Understand more about the aquatic cycles, structures, and processes that generate and sustain life in the sea.

Military Careers:

You've probably seen an old movie about a hotshot naval aviator, or perhaps a more recent film about the daring actions of Special Forces operatives. But do you really know what careers the military can offer you? Introduction to Military Careers will provide the answers. The military is far more diverse and offers many more career opportunities and tracks than most people imagine. In Introduction to Military Careers, you'll learn not only about the four branches of the military (and the Coast Guard) but also about the types of jobs you might pursue in each branch. From aviation to medicine, law enforcement to dentistry, the military can be an outstanding place to pursue your dreams.

Music Appreciation: The Enjoyment of Listening

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

Network System Design

Network System Design is a semester-long course that provides students with an understanding of computer networks and how they operate, as well as a basic understanding of how to manage and maintain computer networks. These skills provide students with the ability to design, configure, and troubleshoot networks of all sizes. Students learn the basics of network design, including how to identify network requirements and determine proper network architecture. Students are introduced to network models. Students also learn about internet protocol and the basics of routing data on a network. Students learn about network security issues and network management. Lastly, students learn about network operating systems and their role in connecting computers and facilitating communications.

New Applications: Web Development in the 21st Century

New Applications is a survey course that travels from the first software programs developed to facilitate communication on the Internet, to the new generation of mobile and native apps that access the Internet without a reliance on a web browser. New Applications is also a practical course in how to develop a presence on the World Wide Web using WordPress and other available web-application tools. The goal of the course is to provide the learner insight into the rapidly evolving universe of programming and application development to support informed career decisions in an industry that is changing as quickly as it is growing.

Personal Finance

This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course, students learn how to open bank accounts, invest money,

apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.

Philosophy

This course will take you on an exciting adventure that covers more than 2,500 years of history! Along the way, you'll run into some very strange characters. For example, you'll read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions. You'll learn about another eccentric 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 most brilliant and influential thinkers of all time. As you learn about these great thinkers, you'll come to see how and where many of the most fundamental ideas of Western Civilization originated. You'll also get a chance to ask yourself some of the same questions these great thinkers pondered. 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.

Psychology

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

Public Speaking 1

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.

Small Business Entrepreneurship

This full-year course is designed to provide the skills needed to effectively organize, develop, create, manage and own a business, while exposing students to the challenges, problems, and issues faced by entrepreneurs. Throughout this course, students explore what kinds of opportunities exist for small business entrepreneurs and become aware of the necessary skills for running a business. Students become familiar with the traits and characteristics that are found in successful entrepreneurs, and see how research, planning, operations, and regulations can affect small businesses. Students also learn how to develop plans for having effective business management, financing and marketing strategies.

Social Media: Our Connected World

Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning

how to interact on various social media platforms is crucial in order to survive and thrive in this age of digital communication. In this course, you'll learn the ins and outs of social media platforms such as Facebook, Twitter, Pinterest, Google+, and more. You'll also discover other types of social media you may not have been aware of and how to use them for your benefit—personally, academically, and eventually professionally as well. 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.

Social Problems I: A World In Crisis

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

Social Problems II: Crisis, Conflicts & Challenge

The Social Problems 2 course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments and the individual

Sociology

Providing insight into the human dynamics of our diverse society, this is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

Software Development Tools

This semester-long course introduces students to the variety of careers related to programming and software development. Students gather and analyze customer software needs and requirements, learn core principles of programming, develop software specifications, and use appropriate reference tools to evaluate new and emerging software. Students apply IT-based strategies and develop a project plan to solve specific problems and define and analyze system and software requirements

Sports and Entertainment Marketing

Have you ever wished to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer? If you answered yes to either question, then believe it or not, you've been fantasizing about entering the exciting world of sports and entertainment marketing. Although this particular form of marketing bears some resemblance to traditional marketing, there are many differences as well—including a lot more glitz and glamour! In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well known entertainers are marketed as commodities and how some of them become

billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.

Strategies for Academic Success

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this onesemester course encourages high school and middle school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

TECHNOLOGY AND BUSINESS

This year-long course teaches students technical skills, effective communication skills, and productive work habits needed to make a successful transition into the workplace or postsecondary education. In this course, students gain an understanding of emerging technologies, operating systems, and computer networks. In addition, they create a variety of business documents, including complex wordprocessing documents, spreadsheets with charts and graphs, database files, and electronic presentations.

World Regional Geography

Course Description Coming Soon!

World Religions: Exploring Diversity

Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taosim. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

Career and Technical Education

(CTE Pathways)

Business-Business Information

Introductory Courses: Introduction to Business and Finance 1A & 1B

In this two-semester introductory course, students learn the principles of business using real-world examples— learning what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity

Concentrator Courses: Small Business Entrepreneurship A&B

This full-year course is designed to provide the skills needed to effectively organize, develop, create, manage and own a business, while exposing students to the challenges, problems, and issues faced by entrepreneurs. Throughout this course, students explore what kinds of opportunities exist for small business entrepreneurs and become aware of the necessary skills for running a business. Students become familiar with the traits and characteristics that are found in successful entrepreneurs, and see how research, planning, operations, and regulations can affect small businesses. Students also learn how to develop plans for having effective business management, financing and marketing strategies.

Completor Courses: Microsoft® Office® Specialist 1A &1B

This two-semester course introduces students to the features and functionality of Microsoft® Office® 2016 while preparing them for the beginning, intermediate, and advanced levels of the Microsoft User Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word®, Excel®, PowerPoint®, Outlook®, and Access®. By the end of the course, students are prepared to demonstrate their skills by obtaining one or more MOS certifications.

IT-Network Systems

Introductory Courses

Fundamentals of Computer Systems

Fundamentals of Computer Systems is a semesterlong high school course that provides students with an understanding of computers and how they operate as well as a basic understanding of how to manage and maintain computers and computer systems. These skills provide students with the ability to configure computers and solve computer problems. Students learn details about the different elements of computers and computer systems, how to identify hardware devices and their functions, the role of operating systems as well as how to install and customize Windows operating system. Students also learn about networking and the Internet, security issues, and current software applications, such as Microsoft® Office. In addition, students learn specifics about maintaining and troubleshooting computers, including managing files, backing up systems, and using the administrative tools in Windows operating system. Lastly, students learn the basics of customer service and working as a help desk support technician.

Introduction to Information Technology Support and Services

This semester-long course focuses on real-world application, including common industry best practices and specific vendors that offer tools for technicians, project managers, and IT leadership. Students learn how the IT department of an enterprise supports the overall mission of the company. Students apply their knowledge of hardware and software components associated with IT systems while exploring a variety of careers related to IT support and services. Students analyze technical support needs to perform customer service and configuration management activities. Students also evaluate application software packages and emerging software. Students demonstrate and apply knowledge of IT analysis and design by initiating a system project and evaluating applications within the IT system.

Concentrator Courses: Business Computer Information Systems A&B

Business Computer Information Systems is a year-long course that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas: communication, business technology, word processing, spreadsheet, and database applications, telecommunications, desktop publishing, and presentation technology, computer networks, and computer operating systems.

Completor Courses:

Introduction to Network Systems

This semester-long course introduces students to the fundamental technology and concepts that make networking systems possible. The most important concept introduced is that of the OSI reference model and its bottom four layers, which are most directly concerned with networking instead of computing. The course explores the software and hardware supporting LANs, WANs, and Wi-Fi networks. Students are introduced to the protocols in the TCP/IP stack that are used to communicate across a network, and to networking hardware, including hubs, switches, bridges, routers, and transmission media. Students explore questions of security, network management, and network operating systems.

Network Systems Design

Network System Design is a semester-long course that provides students with an understanding of computer networks and how they operate, as well as a basic understanding of how to manage and maintain computer networks. These skills provide students with the ability to design, configure, and troubleshoot networks of all sizes. Students learn the basics of network design, including how to identify network requirements and determine proper network architecture. Students are introduced to network models. Students also learn about internet protocol and the basics of routing data on a network. Students learn about network security issues and network management. Lastly, students learn about network operating systems and their role in connecting computers and facilitating communications