

# Seaview Academy



**Program of Studies**  
**2020-21**

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**Nondiscrimination Policy**

**Port Angeles School District provides equal access to all programs and services without discrimination based on sex, race, creed, religion, color, national origin, age, honorably discharged veteran or military status, sexual orientation including gender expression or identity, the presence of any sensory, mental or physical disability, or the use of a trained dog guide or service animal by a person with a disability. Questions and complaints of alleged discrimination should be directed to:**

**Equity and Civil Rights Director  
Pam Sanford  
905 W. 9<sup>th</sup> St.  
Port Angeles, WA 98363  
360.565.3745**

## **PRINCIPAL'S MESSAGE**

Welcome to Seaview Academy, Port Angeles School District's 3-12, online program. You are now part of an alternative, personalized, vigorous, and progressive learning community; dedicated to helping you grow and attain the highest possible level of academic achievement. Your achievement will result from hard work, support from your online provider and support from home and school. Your part in this partnership, the dedication to be the best you can be in your pursuit of excellence, is the central ingredient in academic success. We are committed to providing you with a top quality, personalized education and to supporting and encouraging you. We hope you rise to the occasion, meet the challenge, do your very best, and have an extremely successful and satisfying educational experience at Seaview Academy.

### **Mentor Teachers:**

Mentor teachers can help examine your achievement and potential in different subject areas. They can describe various courses in depth, so you can decide on the path you want to pursue and they also provide academic support.

### **College and Career Planning:**

Your mentor teacher and/or the Seaview Counselor can help you make career choices based upon your interests, skills and achievements as they work through your High School & Beyond Plan with you. Students can take online career assessments and interest profilers to help them identify and plan for their chosen career field.

### **Seaview Counselor:**

The Seaview counselor and/or your mentor teacher can help you navigate the challenges of online high school as well as help with college career plans. We have information on testing (PSAT, SAT, and ACT), scholarships, tutoring, Advanced Placement and honors classes, Running Start, Special Education services, the college application process, financial aid and much more. Sign up to see your counselor if you have questions or to discuss plans for your future.

### **Friends:**

Your friends, like your parents, can help you identify your strengths, skills, and interests. Talk to someone a grade or two ahead of you about what they might do differently if they had it to do over again.

### **Parents:**

Your parents can help you plan your future and discuss how to pay for whatever schooling you choose.

# General Information

## **Contact Information:**

Cindy Crumb, Director/Principal  
[ccrumb@portangelesschools.org](mailto:ccrumb@portangelesschools.org)  
360.565.3735

Jennifer Cox, Secretary/Registrar  
[jcox@portangelesschools.org](mailto:jcox@portangelesschools.org)  
360.565.3730

## **Semester:**

Grades will be issued twice a year - at the end of each semester (February and June). However, students must review and sign a monthly progress report during their monthly meeting with their mentor teacher. All semester grades will be mailed home. You and your parents can also track your grades online, on Skyward.

## **Credits:**

Your classification will be determined by the number of high school credits successfully earned by the end of each year.

Sophomore 7.25 credits at the end of Freshman year

Junior 14.50 credits at the end of Sophomore year

Senior 21.75 credits at the end of Junior year

Those students who are short credits must work with their mentor teacher to review credit recovery options. It should be no surprise that students who actively participate in their courses are the most successful. One reason is that much learning results from completing coursework and maintaining regular, weekly contact with their mentor teacher. Students with poor attendance often struggle.

## **Class Day:**

The expectation is that students will spend 5 hours per day on their coursework, in order to complete their courses and graduate on time.

## **Class Schedule:**

Class schedule is determined by the student and their mentor teacher, based on graduation requirements and is written into the students' Written Student Learning Plan (WSLP).

## **Choosing Classes:**

Students and parents are to use this Program of Studies to select classes that will be the most beneficial to the individual student.

**Changing Classes:**

Schedule changes will be approved by the Seaview Counselor and/or Principal. Students are expected to remain in the classes assigned. Students who withdraw from class after the tenth day will receive a failing grade in the class, unless special circumstances are approved. This means that an “F” will be on the student’s transcript for that course and will be included in the student’s grade point averages.

**Withdrawal Grades:**

Any student planning to transfer to another school must submit formal withdrawal papers to the registrar. Students will not be withdrawn without this documentation. Students are responsible for returning the completed withdrawal form to the registrar.

**Grading Procedures:**

The teacher shall explain the goals of the course and the specific performance criteria needed to obtain a passing grade for the course. The standards set for the course shall be in accordance with school district policy and state law and be appropriate to the type of course being presented. Seaview uses a monthly progress report at the end of each month.

**Repeated Courses and Grade Point Average (GPA):**

Students may retake some courses to improve a previous grade. The student will receive credit once for the course and will earn the higher grade or grades for the record; however, the failing grade will remain on the transcript with no credit attached, which will not count towards GPA.

**Grade Change Policy**

A grade and/or credit change can only be made by the teacher of record for the specific course, or by the Principal of the school where the course was taken if the grade change is requested due to a math error or bias. If the student has left the school where the course at issue was taken, any grade and/or credit change must be implemented by the teacher of record, or the Principal in accordance with the original school’s grade change policy.

## **Seaview Attendance Policy**

Seaview offers courses in the ALE environment and provides a flexible schedule for students to complete their course work. Weekly contact between student and teacher/mentor is essential to meet ALE guidelines. Contact methods may vary provided there is an arrangement between student and teacher/mentor.

Seaview Academy honors Washington State Compulsory Attendance laws. Therefore, the school will intervene at set points to keep students engaged in their education and track students if they transition between programs and districts.

Schools offering ALE courses and online coursework are required to comply with RCW 28A.225, additionally SSHB 1170 (2017) authorized OSPI to adopt rules to bring consistency to truancy definitions in the alternative learning setting.

In the event that students fail to make weekly contact, and a valid excuse is not provided, the following steps will be followed:

- One (1) failure to make weekly contact – Parent(s) are notified.
- Two (2) failures to make weekly contact – Parent conference with teacher/mentor.
- Three (3) failures to make weekly contact – Parent conference with administrator.

When a conference is held with parents, that conference, which is part of a support plan, will:

- Be held within five (5) days.
- Be held in-person, by phone, or through video conferencing.
- May include connecting to other district and community resources as needed.
- Seek to understand the underlying reason for the missed contact and develop an intervention plan.
- May include a referral to the Port Angeles School District Community Engagement Board.
- Must include the WARNs assessment for secondary students.

In the case of two (2) additional failures to make weekly contact, Seaview Academy will initiate truancy proceedings, or coordinate with the student's resident district and court to initiate truancy proceedings. Seaview Academy will withdraw students, and/or rescind transfers to students, who have failed to meet ALE attendance requirements.

A. The following are valid excuses for absences:

1. Illness, health condition or medical appointment (including, but not limited to, medical, counseling, dental, optometry, pregnancy, and in-patient or out-patient treatment for chemical dependency or mental health) for the student or person for whom the student is legally responsible;
2. Family emergency including, but not limited to, a death or illness in the family;
3. Religious or cultural purpose including observance of a religious or cultural holiday or participation in religious or cultural instruction;
4. Court, judicial proceeding, court-ordered activity, or jury service;
5. Post-secondary, technical school or apprenticeship program visitation, or scholarship interview;
6. State-recognized search and rescue activities consistent with RCW 28A.225.055;
7. Absence directly related to the student's homeless or foster care/dependency status;
8. Absences related to deployment activities of a parent/guardian who is an active duty member consistent with RCW 28A.705.010;
9. Absences due to suspensions, expulsions or emergency expulsions imposed pursuant to WAC 392-400 if the student is not receiving educational services and is not enrolled in qualifying "course of study" activities as defined in WAC 392-121-107;
10. Absences due to student safety concerns, including absences related to threats, assaults, or bullying;
11. Absences due to a student's migrant status; and
12. An approved activity that is consistent with district policy and is mutually agreed upon by the building principal or designee and a parent/ guardian, or emancipated youth.
13. Absences related to the student's illness, health condition, or medical appointments due to COVID-19;
14. Absences related to caring for a family member who has an illness, health condition, or medical appointment due to COVID-19;
15. Absences related to the student's employment or other family obligations during regularly scheduled school hours that are temporarily necessary due to COVID-19



- until other arrangements can be made, including placement in a more flexible education program;
16. Absences due to the student's parent/guardian work schedule or other obligations during regularly scheduled school hours, until other arrangements can be made;
  17. Absences due to the student's lack of necessary instructional tools, including internet broadband access or connectivity; and
  18. Other COVID-19 related circumstances as determined between school and parent/guardian or emancipated youth.

The building principal or designee has the authority to determine if an absence meets the above criteria for an excused absence. The Superintendent will approve additional categories or criteria for excused absences.

## **PORT ANGELES SCHOOL DISTRICT STATEMENT ON ACADEMIC INTEGRITY**

The Port Angeles School District's mission is to prepare each student to live, work, and learn successfully in a changing world. The principles of academic integrity and honesty are central to the concept that creating life-long learners is the primary purpose of education. All teachers and administrators expect a student's academic work to be original and solely produced by the student. The school district does not tolerate plagiarism, cheating or other forms of academic dishonesty.

At times teachers may have students work collaboratively on projects or assignments. This type of cooperative work is acceptable when it is teacher-directed.

Academic dishonesty is defined as an action, or attempted action, that intends to create an unfair academic advantage for oneself and/or an unfair academic advantage for another student. Academic dishonesty includes, but is not limited to:

Plagiarism: Quoting text or other works on a paper or homework without citing the source, submitting an assignment procured from the internet, or submitting an assignment created by someone else that is claimed as one's own work.

Cheating: Copying work from another student or from the internet, or giving one's own work to another student to be copied; looking at another student's work during an exam; looking at your notes when prohibited; giving another student answers to questions during an assessment; passing test information from an earlier class to a later class.

Fabricating: Intentional fabrication of information, data, research, or citations in assignments.

Collusion: Assisting another individual to commit academic dishonesty; working together on an assessment or assignment unless specifically allowed by the teacher; taking an assessment or completing an assignment for another student, or having another student take an assessment or complete and assignment for one's self student; giving or selling an assignment to another student.

Technology Misconduct: Taking an assessment out of the classroom unless specifically allowed (either in person or by using electronic means); using electronic devices to copy or share assessment materials; using online translation services and submitting those translations as one's own work; using online searches to find answers to assessment questions; posting answers to assessment questions online.

Academic Misconduct: Intentional violation of school policies; changing an assessment or assignment, and claiming it had been graded incorrectly; an act or omission that is intended to deceive a staff member for academic advantage; lying to a staff member when confronted with allegations of academic dishonesty.

## SEAVIEW ACADEMY NETIQUETTE GUIDELINES

Seaview Academy expects all students and staff to exercise appropriate school etiquette in all communications. Communicating effectively on the internet is an important aspect of ensuring students are prepared to live, work, and learn successfully in a changing world. Students should follow Seaview Academy Netiquette Guidelines when they interact with others online.

When communicating through email, videoconferencing, social media, teleconferencing, or any other online forum, students should:

1. Be thoughtful and respectful when conveying their thoughts and opinions.
2. Use school appropriate language, images, and materials in all communications.
3. Avoid inflammatory or offensive posts, images, and messages.
4. Follow the same behavior expectations, rules, dress codes, policies, and procedures that apply on campus when in the virtual environment.
5. Check their surroundings when teleconferencing or sharing images with teachers and classmates. Ensure that the background is school appropriate.
6. Respect people's privacy. Do not share personal information about classmates and teachers online, including images or materials others have shared.
7. Be discreet. Do not share private information or materials with others online.
8. Remember that humor, sarcasm, and irony do not always come through in online communications.
9. Stick to the topic when teleconferencing, posting in online forums, or replying to others.
10. Remember that emoticons and emojis can help convey an informal message but should not be used in academic work.

# **NCAA Eligibility**

Seaview Academy is currently applying for NCAA course evaluation and approval. This section will be published upon that approval.

# Graduation Requirements



**THE WASHINGTON STATE BOARD OF EDUCATION**

Governance | Accountability | Achievement | Oversight | Career & College Readiness

Subject	Career- & College-Ready Graduation Requirements for the Class of 2019 & Beyond*
English	4
Math	3
Science	3 (2 lab)
Social Studies	3
Career and Technical Education <sup>1</sup>	1
Health and Fitness	2
Arts	2 (1 can be PPR)
General Electives	4
World Language (or) Personalized Pathway Requirement (PPR)	2 (Both can be PPR)
<b>Total Credits</b>	24 <sup>2</sup>

**Personalized Pathway Requirements** are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student’s interests and High School and Beyond Plan, that may include Career and Technical Education, and are intended to provide a focus for the student’s learning. See your counselor to work on creating a Personalized Pathway Requirement.

<sup>1</sup> Or 1 Occupational Education credit, as defined in WAC 180-51-067.

<sup>2</sup> Up to 2 credits can be waived locally based on a student’s unusual circumstances.

## Community Colleges

Community colleges admit all high school graduates with no specific admissions requirements, although some programs such as nursing or flight training may be competitive and have specific prerequisites. Community colleges have both 2 year degrees and vocational programs. Many of these colleges fill their enrollment early in the spring for the next school year. Most community colleges require a placement test which must be taken prior to registration. Go to [checkoutacollege.com](http://checkoutacollege.com) <https://www.sbctc.edu/becoming-a-student/default.aspx> for more information. Our closest community college, Peninsula College, requires the Accuplacer Placement Test. Call 360.417.6346 to set up a test appointment.

# Appropriate Tests

The following is a list of exams most often needed by students going directly from high school to four-year colleges.

## **Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test (PSAT / NMSQT)**

This test will be given in mid-October 2020 in the high school library and student center. This test has two main purposes:

- Taking the PSAT/NMSQT is the first step for juniors to enter the scholarship programs administered by the National Merit Scholarship Corporation.
- It is a good practice test for the SAT.

You register for this test at the high school. You can get PSAT information at [www.collegeboard.com](http://www.collegeboard.com).

## **Scholastic Aptitude Test I (SAT)**

This test or the ACT is generally required for admission to four-year colleges. The SAT is offered at Port Angeles High School every month beginning in October and ending in June except in March. The testing center is Port Angeles High School. We recommend taking it twice, once toward the end of your junior year and at the beginning of senior year. Many students take it more than once. You register for this test online at [www.collegeboard.com](http://www.collegeboard.com).

## **SAT Subject Test**

Some colleges require that their candidates for admission take special achievement exams in one or more subjects, such as: English, Math, U.S. History, World Language, Biology, Chemistry, Physics, and World History. The colleges requiring these tests will say so on their web sites and in their catalogs. The testing center is Port Angeles High School. You register for this test online at [www.collegeboard.com](http://www.collegeboard.com).

## **American College Test (ACT)**

A few colleges require this test instead of the SAT. It covers English usage, math, social studies, reading and science. The closest testing center is Sequim High School. You register for this test online at [www.actstudent.org](http://www.actstudent.org).

# Athletic Eligibility

To be eligible for athletics at Port Angeles High School a student must:

## **Athletics and Activities /Academic Eligibility** **High School**

1. Students attending Port Angeles High School are required to maintain passing grades (no F's) in all classes in which they are enrolled (a minimum of 6 classes for seniors who are on track to graduate and principal's approval) in order to remain eligible for competitions or performances. Grades will be checked a minimum of every six weeks at triad and semester. Students can practice but may not participate in contests, events, or activities while academically ineligible. The opportunity for an academic improvement plan will be provided;
2. The most recent triad or semester grade report will determine a student's eligibility to participate in extra-curricular activities;
3. A grade of "NC" and "S" will count as a passing grade for the purpose of this policy. A grade of "U" or "I" will not count as a passing grade;
4. Students who are ineligible because of a 1st or 2nd triad grade can become eligible as soon as they document that they are passing class(es);
5. Students who fail 1 final semester class are ineligible until the Monday following the third week of the following semester. Students may become eligible by passing all of their classes after three weeks into the new semester.
6. Students who fail 2 or more final semester classes (Students not meeting this standard will be ineligible from the end of the previous semester through the last Saturday of September in the fall or the first five (5) weeks of the succeeding semester. For additional information visit [www.wiaa.com](http://www.wiaa.com). Select Handbook. PASD is allowed to be more restrictive than that of the WIAA.
7. Students are responsible for documenting their grades in restoring their eligibility. Students who falsify this documentation lose their eligibility for the remainder of the semester; and
8. The record at the end of the semester shall be final, except for those credits earned in a regular, accredited summer school program and accepted by the school district. [www.wiaa.com](http://www.wiaa.com). Select Handbook.
9. Student athletes must pass all classes to participate in athletics and activities.
10. Previous semester grades will determine academic eligibility. Students final spring grades shall be enforced in the fall semester. This includes the transition from 8<sup>th</sup> grade to 9<sup>th</sup> grade.

**There are six public, 4-year colleges in Washington State:**

University of Washington  
 Central Washington University  
 Eastern Washington University

Washington State University  
 Western Washington University  
 Evergreen College.

There are several private four year colleges in Washington State, including:

<b>Independent Colleges of Washington</b>		
<p><b>GONZAGA UNIVERSITY</b>                      Enrollment: 6,600                      502 E. Boone                      Spokane, Washington 99258-0087                      (509) 328-4220  <a href="http://www.gonzaga.edu">http://www.gonzaga.edu</a></p>	<p><b>HERITAGE UNIVERSITY</b>                      Enrollment: 1,300                      3240 Fort Road                      Toppenish, Washington 98948                      (509) 865-8500  <a href="http://www.heritage.edu">http://www.heritage.edu</a></p>	<p><b>PACIFIC LUTHERAN UNIVERSITY</b>                      Enrollment: 3,600                      South 121st &amp; Park Avenue                      Tacoma, Washington 98447                      (253) 531-6900  <a href="http://www.plu.edu">http://www.plu.edu</a></p>
<p><b>SAINT MARTIN'S UNIVERSITY</b>                      Enrollment: 1,600                      5300 Pacific Avenue S.E.                      Lacey, Washington 98503                      (360) 491-4700  <a href="http://www.stmartin.edu">http://www.stmartin.edu</a></p>	<p><b>SEATTLE PACIFIC UNIVERSITY</b>                      Enrollment: 3,800                      3307 Third Avenue West                      Seattle, Washington 98119                      (206) 281-2000  <a href="http://www.spu.edu">http://www.spu.edu</a></p>	<p><b>SEATTLE UNIVERSITY</b>                      Enrollment: 7,200                      900 Broadway                      Seattle, Washington 98122-4340                      (206) 296-6000  <a href="http://www.seattleu.edu">http://www.seattleu.edu</a></p>
<p><b>UNIVERSITY OF PUGET SOUND</b>                      Enrollment: 2,800                      1500 North Warner                      Tacoma, Washington 98416-0082                      (253) 879-3100  <a href="http://www.pugetsound.edu">http://www.pugetsound.edu</a></p>	<p><b>WALLA WALLA UNIVERSITY</b>                      Enrollment: 1,900                      204 South College Avenue                      College Place, Washington                      99324-1198                      (509) 527-2615  <a href="http://www.wallawalla.edu">http://www.wallawalla.edu</a></p>	<p><b>WHITMAN COLLEGE</b>                      Enrollment: 1,450                      345 Boyer Street                      Walla Walla, Washington 99362                      (509) 527-5111  <a href="http://www.whitman.edu">http://www.whitman.edu</a></p>
<p><b>WHITWORTH UNIVERSITY</b>                      Enrollment: 2,500                      300 West Hawthorne Road                      Spokane, Washington 99251                      (509)777-1000  <a href="http://www.whitworth.edu">http://www.whitworth.edu</a></p>	<p><b>NORTHWEST UNIVERSITY</b>                      Enrollment: 922                      5520 - 108th Avenue NE                      Kirkland, Washington                      (425) 822-8266  <a href="http://www.northwest.edu">http://www.northwest.edu</a></p>	<p><b>PLUS SEVERAL MORE...</b></p>



## **Public Baccalaureate Colleges and Universities**

**Public Research Universities:** The state's two research universities offer baccalaureate through professional degree programs.

- **University of Washington**
  - a. [University of Washington Bothell](#)
  - b. [University of Washington Tacoma](#)
  
- **Washington State University**
  - a. [Washington State University Tri-Cities](#)
  - b. [Washington State University Vancouver](#)

## **Public comprehensive universities and college:**

The state's comprehensive universities offer baccalaureate and master's programs.

- [Central Washington University](#)
- [Eastern Washington University](#)
- [Western Washington University](#)
- [The Evergreen State College](#)

## **Minimum College Admission Standards**

College Academic Distribution Requirements (CADRs) refer to college admissions criteria established by the Washington Student Achievement Council. For additional information visit the link below:

# Running Start

## **What is Running Start?**


The Running Start Program enables eligible high school students who seek expanded educational challenges to enroll simultaneously in high school and college classes, or solely in college classes, for the purpose of earning credit to be awarded by both their high school district and Peninsula College. It offers junior and senior high school students the opportunity for high school and Peninsula College credit.

As a Running Start student, you may combine college and high school courses by taking from one credit to 10 or more credits (full-time) at the college. It is possible for you to complete an Associate of Arts degree or Associate of Science degree (two years of undergraduate college education) and a high school diploma at the same time.

High school requirements are established by the local high school districts. College courses that meet high school requirements for graduation are established by the high school in conjunction with Peninsula College. The high school district pays for the college tuition with a basic allotment from the State of Washington, but you must pay all other expenses, including books, supplies, and transportation.

College credits are transferable to colleges and universities in the State of Washington, according to the guidelines established by individual institutions. Transfer credit may vary when applying to out-of-state colleges and universities.

**You should always check with the college of your choice for specific requirements.**



**WASHINGTON  
HIGHER  
EDUCATION  
COORDINATING BOARD**

## Minimum College Admission Standards

### *An Overview for Students and Parents*

**Revised 2011**

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**College admission requirements set by the HECB**

The Higher Education Coordinating Board (HECB) has responsibility to "Establish minimum admission standards for four-year institutions, including a requirement that coursework in American sign language or an American Indian language shall satisfy any requirement for instruction in a language other than English that the Board or the institutions may establish as a general undergraduate admissions requirement" (RCW 27B 600 160)

The HECB and the State Board of Education met in 2010 and adopted changes to their respective requirements that will foster alignment between high school graduation requirements and **four-year** public college admission requirements.

College Academic Distribution Requirements (CADRs) refer to college admissions criteria established by the

HECB. The term differs from high school graduation requirements that are determined by the State Board of Education and local school districts. Courses meeting CADR are determined by the school district and noted on the transcript with the "B" designation

Students who plan to attend a four-year college or university should be aware of both sets of requirements

**Freshmen Admission Policy**

This overview of freshmen admission requirements applies to all applicants to the public four-year colleges who enter directly from high school and/or students who enter college with fewer than 40 credits of college-level coursework or equivalent

Running Start and other dual-credit earning students, including those who have earned more than 40 quarter hours of college-level credit, who enter a public baccalaureate institution directly from high school, must meet minimum college admission standards

- CADR (College Academic Distribution Requirements)
- 2.0 Minimum GPA
- Official SAT/ACT test scores sent directly to the college or university (Fee waivers for these tests are available - consult with your high school counselor)

**Notes on CADR and Admission Standards**

CADR reflect the minimum number of credits required in six subject areas that students must earn to be eligible for routine admission

consideration by four-year public baccalaureate institutions

Meeting the minimum college admission standards does not guarantee admission to a public baccalaureate institution

Therefore, students are encouraged to go beyond meeting minimum college admission standards to improve their chances for gaining entry to a public baccalaureate institution. Students should obtain admission information from the institution they wish to attend.

**Comprehensive Review of Applications for Admission**

Currently, each of the public baccalaureate institutions employs a comprehensive or holistic review process for at least a portion of their applicants. Holistic review is an additional means of ensuring student access. In cases where students do not meet the minimum college admission standards, the policy provides for alternative admission policies which may be more appropriate for certain students. Each student is encouraged to contact the admissions office of the institution they wish to attend if they have questions

All K-12 and college personnel who advise students on admission to public four-year colleges and universities should obtain a copy of CADR guidelines and other related minimum college admission information at: [www.hecb.wa.gov/research/issues/admissions.asp](http://www.hecb.wa.gov/research/issues/admissions.asp)

Students should consult with their local high school to obtain complete information about minimum college admission standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district.  
HECB Document No. 9802 04/11

## FOUR YEAR PLAN

### SUGGESTED COURSES FOR COMPLETION OF HIGH SCHOOL DIPLOMA

	Seaview Diploma <i>(24 credits required to graduate)</i>	Four-Year College Entrance	Academic Honors/ Selective Colleges
<b>G R A D E  9</b>	English 9	English 9 / Honors English 9	English 9 / Honors English 9
	Phys Ed / Health	Phys Ed / Health	Phys Ed / Health
	Algebra 1	Algebra or Geometry	Algebra or Geometry
	Integrated Lab Science 9	Integrated Lab Science 9	Integrated Lab Science 9
	Elective	Elective	Elective
	Elective	Elective	Elective
	Elective	Elective	Elective
<b>G R A D E  10</b>	English 10	English 10 / Honors English 10	Honors English 10
	Geometry	Geometry or Algebra 2/Trig	Honors Algebra 2/Trig
	Biology	Biology	Biology
	P.E.	P.E.	P.E.
	Career & Tech Ed	Career & Tech Ed	Career & Tech Ed
	Soc Studies Elective	Soc Studies Elective	EWU World History
	Elective	Elective	Fine Arts
<b>G R A D E  11</b>	English 11	English 11	AP English Language & Composition
	U.S. History	U.S. History	EWU U.S. History
	Fine Arts	Physics / Chemistry	Chemistry and/or advanced science elective
	Algebra 2/Trig or 3rd yr math	Algebra 2/Trig or Pre-Calculus	UW Pre-Calculus and/or AP Statistics
	World Language / PPR	World Language	World Language
	Science Elective	Fine Arts / PPR	Fine Arts / PPR
	Elective	Elective	Elective
<b>G R A D E  12</b>	English 12	English 12	AP English Literature & Composition
	Contemporary Issues	Contemporary Issues	EWU Pol Sci Modern Govt / Contemp Issues
	World Language / PPR	World Language	World Language
	Fine Arts / PPR	Fine Arts / PPR	UW Calculus and/or AP Statistics
	Elective	AP Statistics and/or UW Calculus	Physics and/or advanced science elective
	Elective	Elective	Elective
	Elective	Elective	Elective

# World Languages

World Language may be taken earlier than grade 11 for both college admissions and academic honors, and often is started in either grade 9 or 10 so more than 2 years can be taken. In order to satisfy both requirements for four-year college entrance and academic honors, the World Language must be two years of the same language and the years must be taken consecutively.

Current state graduation requirements for math require graduates to complete a minimum of 3 credits of math. Algebra 1, Geometry and Algebra 2 / Trig are required. (In some cases, Algebra 2 / Trig may be substituted for a career level math course. See your counselor.)

Those students seeking a PAHS diploma and immediate entry into the workforce should consider taking advanced Career and Technology Education courses. Fine Arts include all art and music courses.

# Scholarships

Financial assistance for college comes primarily from four sources; the colleges themselves, the federal and state governments, national scholarships and regional scholarships. The Port Angeles community has one of the most successful local scholarship programs in the nation, awarding about \$500,000 a year to graduates. There are scholarships for students planning to attend technical colleges, vocational institutes, community colleges, and four-year colleges. Students apply for these funds by completing a scholarship notebook during their senior year. Detailed information about the notebook is provided to seniors in monthly meetings beginning in early October. Instructions can be found on the high school website in November prior to the notebook due date. The notebook is due at the end of 1<sup>st</sup> semester, and the scholarships are awarded at an evening event in May. The scholarship notebook is coordinated by Ms. Jeani Hill, in the PAHS Counseling office.

Each local scholarship has its own set of judges. Most of the award winners are selected by the organizations sponsoring the scholarship; a few scholarships are decided by a committee made up of staff and community members. See your scholarship coordinator for more information on the local scholarship notebook process.

The high school also helps students to access regional and national scholarships. The Guidance and Counseling Center maintains a file of scholarship applications which are mailed to the high school. These opportunities are listed in the daily bulletin and on the PAHS website. See the Guidance office secretary for more information or call 360.452.0250.

The federal and state government offer grants and loans, mostly based on financial need. Families complete the FAFSA (Free Application for Federal Student Aid) in early October. The high school has a workshop each year to explain these government programs. You can also get information online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov)

The largest amounts of scholarships are awarded by the colleges themselves. College catalogs and websites have specific information on their offerings. High school juniors should get help from their counselor in developing a list of schools. For information about four year private schools in Washington State, go to [www.projectopportunity.net](http://www.projectopportunity.net). Scholarship offerings are one factor to consider when deciding where to apply.

## 2020-2021 Course Offerings

*This schedule of course offerings and descriptions is subject to change. There is no guarantee that any or all courses will be offered in any given year or in the arrangement presented. The school district reserves the right to cancel or not offer a course because of insufficient enrollment, inadequate funding or for other unforeseen reasons. Course listings begin on page 16. Please refer to the key for specific class information. **S=Includes Course Fee, C=Dual Credit, E=English elective, FA=Fine Arts credit, M=Math elective, R=Repeatable for credit, V=Career and Tech Education credit, T = Teacher permission, P = Prerequisite***

# English Courses

**English Language Arts courses are fully aligned to the Common Core. State versions are also available for states that have not adopted CCSS.**

## ELA 9

This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage 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, Paul B. Janeczko, and Maya Angelou round out the course.

## ELA 9 HONORS

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 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.

### **ELA 10**

This sophomore-year English course invites students to explore a diverse selection of world literature organized into thematic units. While critically reading fiction, poetry, drama, and expository nonfiction, students learn essential reading comprehension strategies and engage in literary analysis and evaluation of both classic and contemporary works. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their listening and speaking skills and produce clear, coherent writing. 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*.

### **ELA 10 HONORS**

This sophomore-year 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*.

### **ELA 11**

This junior-year English course invites students to delve into American literature, from early American Indian voices through thoughtful contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students will 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 will read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Nathaniel Hawthorne, Charlotte Perkins Gilman, Langston Hughes, Martin Luther King, Jr., F. Scott Fitzgerald, Leslie Marmon Silko, Judith Ortiz Cofer, Amy Tan, Naomi Shihab Nye, and Michio Kaku.

### **ELA 11 HONORS**

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.

## **ELA 12**

This senior-year English Language Arts course invites you to explore a diverse collection of texts organized into thematic units. You will engage in literary analysis and inferential evaluation of both classic and contemporary literature. While critically reading fiction, poetry, drama, and expository nonfiction, you will learn comprehension and literary-analysis strategies. Tasks will encourage you to strengthen your oral language skills and produce creative, coherent writing. You will read a range of classic texts including the ancient epic *Gilgamesh*, William Shakespeare's *Hamlet*, and Oscar Wilde's *The Importance of Being Earnest*. You will study short but complex texts, including essays by Jonathan Swift and Mary Wollstonecraft, and influential speeches by Queen Elizabeth I and Franklin D. Roosevelt. Modern and contemporary texts by Rabindranath Tagore, Seamus Heaney, J. R. R. Tolkien, and Derek Walcott round out the course.

## **ELA 12 HONORS**

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.

## **AP ENGLISH LANGUAGE & COMPOSITION**

This college-level course prepares students for the AP English Language and Composition Exam while exploring and analyzing a variety of rhetorical contexts. This is a fast-paced, upper level course designed for highly motivated students. Multiple opportunities are provided to enhance test-taking skills through critical reading, writing, classroom assignments, and discussion activities. AP English Language and Composition practice assessments and essays will be given throughout the course as well. This course provides students an opportunity to increase knowledge concerning prose of many styles and genres, including essays, journalistic writing, political writing, science writing, nature writing, autobiographies/biographies, diaries, speeches, history writing, and critical writing. Throughout the course, there is an intense focus on writing and revising expository, analytical, and argumentative essays to prepare students for a broad range of writing purposes.

## **AP ENGLISH LITERATURE & COMPOSITION**



English Literature and Composition is designed to be a college/ university-level course. This course equips students to critically analyze all forms of literature in order to comment insightfully about an author's or genre's use of style or literary device. Students will also interpret meaning based on form; examine the trademark characteristics of literary genres and periods; and critique literary works through expository, analytical, and argumentative essays. As students consider styles and devices, they will apply them to their creative writing. In addition to exposing students to college-level English course work, this course prepares them for the AP English Literature and Composition Exam.

### **LITERACY & COMPREHENSION I**

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 areas 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 & COMPREHENSION II**

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 areas 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.

### **EXPOSITORY READING AND 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.

### **INTRODUCTION TO COMMUNICATION AND SPEECH**

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers 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.

### **CLASSIC NOVELS & AUTHOR STUDIES**

The Classic Novels mini-courses give students the opportunity to fully explore a large work of fiction or to be introduced to a celebrated author. Designed to stand alone or to be inserted into an existing Edgenuity course, each mini-course guides students through the work with lectures, web activities, journals, and homework/practice.



Students study the following novels: *1984*, *A Midsummer Night's Dream*, *Call of the Wild*, *Dr. Jekyll and Mr. Hyde*, *Heart of Darkness*, *Jane Eyre*, *Macbeth*, *Mrs. Dalloway*, *Portrait of the Artist*, *Robinson Crusoe*, *The House of Seven Gables*, *The Red Badge of Courage*, and *The Three Musketeers* along with the following author studies: Jorge Luis Borges and Flannery O'Connor.

# Mathematics Courses

**Mathematics courses are fully aligned to the Common Core. State versions are also available for states that have not adopted CCSS.**

## **PRE-ALGEBRA - MA3119**

This full-year course is designed for 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 number and operations, expressions and equations, ratio and proportion, and basic functions. By the end of the course, students are ready to begin a more formal high school Algebra I study.

## **ALGEBRA I - MA3109 IC**

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 learn how they can 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 II - MA3111**

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. Students begin with a review of linear and quadratic functions, to solidify a foundation for learning these new functions. Students will 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 between the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Process standards are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

## **Honors Algebra I - MA3109H**

This full-year honors 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 learn how they can 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.

### **Honors Algebra II - MA3111H**

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 the 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, allows students to 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 students' knowledge of probability and statistics. Students also cover trigonometric functions and periodic phenomena.

### **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 congruence, 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**

Based on plane Euclidean geometry, this rigorous full-year course addresses the critical areas of: congruence, proof, and constructions; similarity and trigonometry; circles; three-dimensional figures; and probability of compound events. Transformations and deductive reasoning are common threads throughout the course. Students build on their conceptual understanding of rigid transformations established in middle school as they formally define each and then, use them to prove theorems about lines, angles, and triangle congruence. Rigid transformations are also used to establish relationships between two-dimensional and three-dimensional figures. Students use their knowledge of proportional reasoning and dilations to develop a formal definition for similarity of figures. They apply their understanding of similarity to defining trigonometric ratios and radian measure. Students also make algebraic connections as they use coordinate algebra to verify properties of figures in the coordinate plane and write equations of parabolas and circles. Throughout the course, students investigate properties of figures, make conjectures, and prove theorems. Students demonstrate their reasoning by completing proofs in a variety of formats. The standards of mathematical practice are embedded throughout the course as students apply geometric concepts in modeling situations, make sense of problem situations, solve novel problems, reason abstractly, and think critically.

### **FINANCIAL MATH**

Connecting practical mathematical concepts to personal and business settings, MA2007 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, long-term 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.

### **PRECALCULUS**

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.

### **AP<sup>®</sup> CALCULUS AB**

This college-level, yearlong course prepares students for the Advanced Placement (AP) Calculus AB Exam. 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.

### **MATHEMATICS I**

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 II**

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 III**

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.

### **MATHEMATICAL MODELS WITH APPLICATIONS**

Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment-loan models. Prior mathematical knowledge is expanded and new knowledge and techniques are developed through real-world application of useful mathematical concepts.

### **CONCEPTS IN PROBABILITY AND STATISTICS**

This full-year high school course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Algebra II and Pre-Calculus. The first half of the course begins with an in-depth study of probability and an exploration of sampling and comparing populations and closes with units on data distributions and data analysis. In the second half of the course, students create and analyze scatter plots and study two-way tables and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations and permutations, and sets.

### **AP<sup>®</sup> STATISTICS**

This yearlong, college-level course is designed to prepare students for the Advanced Placement (AP) Statistics exam. Major topics of study include exploring one-and two-variable 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.

### **STATISTICS**

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 their applications. Students explore angles and radian measures, circular trigonometry, and the unit circle. Students extend their understanding to trigonometric graphs, including the effects of translations and the inverses of trigonometric functions. This leads to the laws of sines and cosines, followed by an in-depth exploration of trigonometric identities and applications. This course ends with an introduction to the polar coordinate system, complex numbers, and DeMoivre's theorem.

# Science Courses

## **BIOLOGY**

Biology is intended to expose students to the designs and patterns of living organisms and their interactions with the environment. In preceding years, students should have developed a foundational understanding of life sciences. Expanding on that, Biology will incorporate more abstract knowledge, including the micro and macro aspects of life. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, plant structure and function, animal structure and function, and ecology and the environment. Students at this level should show development in their understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for students and that actively engage them. The continued exposure of science concepts and scientific inquiry will serve to improve the students' skills and understanding.

## **CHEMISTRY**

Chemistry is intended to provide a more in-depth study of matter and its interactions. In preceding years, students should have developed an understanding for the macroscopic properties of substances and been introduced to the microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances, and teach the symbolic and mathematical world of formulas, equations, and symbols. The major concepts covered are measurement in chemistry, atomic structure, chemical formulas and bonding, chemical reactions, stoichiometry, gases, and chemical equilibrium. Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

## **ENVIRONMENTAL SCIENCE**

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many different 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.

## **PHYSICS**

Physics is intended to provide a more in-depth study of the physical universe. In preceding years students should have developed a basic understanding for the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in Physics. The major concepts covered are kinematics, forces and motion, work and energy, waves, sound and light, electricity and magnetism, and nuclear physics. Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for students and actively engage them. The continued exposure to science concepts and scientific inquiry will serve to improve the students' skill and understanding.

## **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.

### **EARTH SCIENCE**

Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

### **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. This course includes student guides and materials lists for required hands-on labs; these materials are not included in the course.

### **AP<sup>®</sup> 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 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 laboratory- and 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.

## **Social Studies Courses**

### **CIVICS**

This Civics course is designed to give students an overview of all aspects of U.S. government and what it means to be a U.S. citizen. Students will define civics, politics, and government and then explore the basic principles, purposes, and types of government. Students will take a deeper dive into the foundations of U.S. government by examining the Declaration of Independence, U.S. Constitution, Bill of Rights, and other amendments. Students will also analyze the three branches of government, federalism, civic rights and liberties, and the role of political parties and interest groups. They will take a global perspective by examining foreign affairs, including U.S. foreign policy, other nation's political structures and foreign policies, the relationship between the United States and other countries, as well as international organizations. They will examine the meaning of citizenship, including who is a U.S. citizen, how people become citizens, and citizens' privileges, rights, and responsibilities. Students will also analyze civic participation and civic virtue by studying historical and contemporary examples of how citizens influence the government. Each lesson features formative assessments that gauge students' understanding of the

material presented in the lesson. Mid-way and at the end of each unit, there is a summative quiz that covers the content prior to it. At the end of each unit, there is a review lesson before the unit test. In each unit, there are two projects that may require students to conduct research, synthesize information, and write essays.

### **CONTEMPORARY WORLD PROBLEMS**

This course will involve students with the issues, problems, and events in our world today. State, local, national, and international issues will be highlighted on a continuing basis. Emphasis will be placed on the inter-relationship of concepts from the various social sciences - psychology, sociology, economics, and political science - and how they relate to the issues and events mentioned above. Students will continue to develop skills in organizing materials, note-taking, communicating, research, and critical thinking.

### **US HISTORY**

This yearlong course discusses the people, events, and ideas that have shaped the course of modern American history. Throughout the course students will learn about a variety of topics. Topics in this course include: The foundations of the American form of government, National expansion in the United States, The emergence of sectionalism, The emergence of slavery, Different regional lifestyles in the United States, Industrialization and economic expansion in the United States, The Civil War, World War I, World War II, and various regional military conflicts, The Great Depression and the New Deal, Major cultural and social movements in the United States, Important events in contemporary America.

### **WORLD HISTORY**

World History explores the people, events, and ideas that have shaped history from the beginnings of human society to the present day. Students will study such topics as ancient civilizations, empires, exploration, the world wars, and globalization. Students will also gain practice in research using technology and writing through various projects. In addition to the default course program, World History includes alternate lessons, projects, essays, and tests for use in enhancing instruction or addressing individual needs.

### **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.

### **SURVEY OF U.S. HISTORY**

This one-year high school course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Era of Exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped U.S. history. In early units, students will assess the foundations of U.S. democracy while examining crucial documents. In later units, students will examine the effects of territorial expansion, the Civil War, and the rise of industrialization. They will also assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus their studies on the causes of cultural and political change in the modern age. Throughout the course, students will learn the importance of cultural diversity while examining history from different perspectives.

## **U.S. HISTORY I**

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 II**

U.S. History II is a yearlong course that examines the major events and turning points of U.S. history from the Industrial Revolution through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on our country's rise to global prominence. Students will also examine the influence of social and political movements on societal change and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and among multiple perspectives.

## **AP® UNITED STATES HISTORY**

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.

## **U.S. GOVERNMENT\***

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. 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.

## **AP® UNITED STATES GOVERNMENT AND POLITICS\***

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.

## **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.

## **HUMAN GEOGRAPHY**

Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments.

## **AP<sup>®</sup> HUMAN GEOGRAPHY**

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<sup>®</sup> PSYCHOLOGY**

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<sup>®</sup> WORLD HISTORY: MODERN**

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.

## **SURVEY OF WORLD HISTORY**

This yearlong course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history. At the end of the course, students conduct a rigorous study of modern history, allowing them to draw connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Throughout the course, 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.

# Advanced Placement Courses

## **Advanced Placement®**

**With the exception of French and Spanish, AP courses require the purchase of specific textbooks. These textbooks are not included and can be purchased at online or retail bookstores.**

### **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. This course includes student guides and materials lists for required hands-on labs; these materials are not included in the course.

### **CALCULUS AB**

This college-level, yearlong course prepares students for the Advanced Placement (AP) Calculus AB Exam. 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.

### **ENGLISH LANGUAGE & COMPOSITION**

This college-level course prepares students for the AP® English Language and Composition Exam while exploring and analyzing a variety of rhetorical contexts. This is a fast-paced, upper-level course designed for highly motivated students. Multiple opportunities are provided to enhance test-taking skills through critical reading, writing, classroom assignments, and discussion activities. AP English Language and Composition practice assessments and essays will be given throughout the course as well. This course provides students an opportunity to increase knowledge concerning prose of many styles and genres, including essays, journalistic writing, political writing, science writing, nature writing, autobiographies/biographies, diaries, speeches, history writing, and critical writing. Throughout the course, there is an intense focus on writing and revising expository, analytical, and argumentative essays to prepare students for a broad range of writing purposes.

### **ENGLISH LITERATURE & COMPOSITION**

English Literature and Composition is designed to be a college/university-level course. This course equips students to critically analyze all forms of literature in order to comment insightfully about an author's or genre's use of style or literary device. Students will also interpret meaning based on form; examine the trademark characteristics of literary genres and periods; and critique literary works through expository, analytical, and argumentative essays. As students consider styles and devices, they will apply them to their creative writing. In addition to exposing students to college-level English course work, this course prepares them for the AP® English Literature and Composition Exam.

### **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 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 laboratory- and 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.

### **FRENCH LANGUAGE & CULTURE**

French Language and Culture is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical, and communicative skills. The course prepares students for the AP® French 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 requiring the use of French exclusively. The online learning coach only uses French to communicate with students. In addition, all the reading, listening, speaking, and writing is in French. 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. The course contains a forum where students share their opinions and comments about various topics and comment on other students' posts. The course makes great use of the Internet for updated and current material.

### **HUMAN GEOGRAPHY**

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.

### **PSYCHOLOGY**

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.

### **SPANISH LANGUAGE & CULTURE**

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. In addition, students participate in a forum where they are able to share their opinions and comments about various topics and comment on other students' posts. The course also makes great use of the Internet for updated and current material.

## **STATISTICS**

This yearlong, college-level course is designed to prepare students for the Advanced Placement (AP) Statistics exam. Major topics of study include exploring one-and two-variable 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.

## **UNITED STATES GOVERNMENT AND POLITICS\***

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.

## **UNITED STATES HISTORY**

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.

## **WORLD HISTORY: MODERN**

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.

# **General Elective Courses**

## **INTRODUCTION TO ART**

Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, Intro to Art 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, and world art before 1400.

## **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.

## **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; fifteenth-century 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.

### **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 2016 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®.

### **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. This course takes covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics. For a more conservative approach to health education, the Healthy Living course is also available in the Health and Physical Education Bundle

### **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, 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.

### **HEALTHY LIVING\***

Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this course is a one-semester course that provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Designed for high school students, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks.

### **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. Throughout this one-semester course, students assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

## **ONLINE LEARNING AND DIGITAL CITIZENSHIP\***

This one-semester course provides students with a comprehensive introduction to online learning, including how to work independently, stay safe, and develop effective study habits in virtual learning environments. Featuring direct-instruction videos, interactive tasks, authentic projects, and rigorous assessments, the course prepares students for high school by providing in-depth instruction and practice in important study skills such as time management, effective note-taking, test preparation, and collaborating effectively online. By the end of the course, students will understand what it takes to be successful online learners and responsible digital citizens.

## **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.

## **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.

## **STRATEGIES FOR ACADEMIC SUCCESS\***

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester 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.

## **CULINARY ARTS**

Glorious food! It both nourishes and satisfies us, and it brings people together through preparation, enjoyment, and celebration. If you've ever wanted to learn more about cuisine and how your creativity and appreciation can be expressed by preparing food, Culinary Arts 1a: Introduction is perfect for you.

## **DIGITAL PHOTOGRAPHY 1A**

Have you ever wondered how professional photographers manage to 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? Digital Photography 1a: Introduction will answer these questions and more, and help you gain a better understanding of photography. You'll learn the basics of photography and camera functions, including aperture, shutter speed, natural vs. artificial lighting, and elements of composition. You will also explore how an image is created as well as study the history of photography and advances in camera technology over the last several centuries.

## **DIGITAL PHOTOGRAPHY 1B**

Do you want to go beyond the basics and take your photography skills to the next level? In Digital Photography 1b:

Creating Images with Impact!, you'll learn the skills and techniques used by professional photographers to improve your photo taking skills of a wide array of subjects. Build on the composition techniques and camera functions you learned in Digital Photography 1a to build a portfolio of a variety of images. Learn the special techniques that will help you shoot quality portraits, action shots, and landscapes. You will also explore sports, pet, and wildlife photography and discover various career paths in the field.

### **FASHION & INTERIOR DESIGN**

Do you have a flair for fashion? Are you constantly looking for new ways to decorate or design your room? If so, Fashion and Interior Design is the course for you. Explore the world of design and begin to understand the background and knowledge needed to develop a career in this exciting field. Try your hand at designing through a project-based process, learning how color, composition, and texture can all affect great aesthetics.

### **GAME DESIGN**

Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! Tap into your creative and technical skills as you learn about the many aspects involved with designing video games. You will learn about video game software and hardware, various gaming platforms, necessary technical skills, troubleshooting and internet safety techniques, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own plan for a 2D video game! Turn your hobby into a potential career and go from simply being a player in a virtual world to actually creating one!

### **VETERINARY SCIENCE**

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

## **World Language Courses**

### **SPANISH I**

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 II**

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 III**

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.

### **AP® SPANISH LANGUAGE & CULTURE**

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. In addition, students participate in a forum where they are able to share their opinions and comments about various topics and comment on other students' posts. The course also makes great use of the Internet for updated and current material.

### **FRENCH I**

Students in high school begin their introduction to French 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 French-speaking areas in Europe and across the globe.

### **FRENCH II**

Students continue their introduction to French in this second year, high school language course with review of 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 French speaking areas across the globe, and assessments.

### **FRENCH III**

In this expanding engagement with French, 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 French 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 French-speaking areas in Europe and the Americas.

### **AP® FRENCH LANGUAGE & CULTURE**

French Language and Culture is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical, and communicative skills. The course prepares students for the AP French 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 requiring the use of French exclusively. The online learning coach only uses French to communicate with students. In addition, all the reading, listening, speaking, and writing is in French. 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. The course contains a forum where students share their opinions and comments about various topics and comment on other students' posts. The course makes great use of the Internet for updated and current material.

### **GERMAN I**

High school students begin their introduction to German 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 cultural presentations covering major German-speaking areas in Europe.

### **GERMAN II**

Students continue their introduction to high school German in this second-year course with review of 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 cultural presentations covering major German-speaking areas in Europe.

### **CHINESE I**

High school students begin their introduction to Chinese 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 Chinese-speaking countries.

### **CHINESE II**

Students in high school continue their introduction to Chinese in this second-year course with review of 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 Chinese-speaking countries.

### **LATIN I**

High school students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. 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, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.

### **LATIN II**

Students continue their introduction to high school Latin by continuing to cover the fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit

consists of a new vocabulary theme and grammar concept, a notable ancient myth in Latin, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.

# Career & Technical Education

## **AGRIBUSINESS SYSTEMS\***

Agribusiness Systems is a semester-length high school course that introduces the business, management, marketing, and financial skills needed to successfully produce food, fiber, and fuel for domestic and global markets. Students learn about the components of the agribusiness system and how they interact to deliver food to our tables. They also learn about the key elements of a successful agribusiness enterprise: economics, financial management, marketing and sales, and government policies and regulations.

## **ANIMAL SYSTEMS\***

Animal Systems is a semester-long high school course that provides students with a wealth of information on livestock-management practices, animal husbandry, physiological systems, the latest scientific trends, veterinary practice, and innovations in food production. Changes in practices, regulations, and legislation for animal welfare continue as new research provides solutions to medical, ethical, and practical concerns. The course reviews current topics, such as advancements in technology and research, and defines areas of discussion while maintaining focus on best-management practices. A student might use the knowledge gained from the course to further an interest in becoming a chef, researcher, doctor, wildlife-management professional, or any number of applicable careers.

## **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.

## **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.

#### **CAREERS IN ALLIED HEALTH\***

Careers in Allied Health is a semester-long course that focuses on select allied health careers, studying a variety of different levels, responsibilities, settings, education needs and amounts of patient contact. The course includes an overview of the degree or training needed for each job, the environment one would work in, how much money the position could make, and the facts of the actual working day. Within each job type, students explore important aspects applicable to the entire field of allied health, such as behaving ethically, working as a team, keeping patients safe and free from infections and germs, honoring diverse needs of diverse patients, and following laws and policies.

#### **CAREERS IN LOGISTICS PLANNING AND MANAGEMENT SERVICES\***

Careers in Logistics Planning and Management Services is a semester-long course that provides high school students with the history of logistics and recent advances in the field. Units include supply chain management, inventory and transportation management, and safety in the workplace. Logistics is a high-growth industry and stable career choice. There is something for every career-seeker, ability, and experience level. The objectives of this course are to introduce the student to the field of logistics planning and management and to explain the career opportunities that are available in this field.

#### **CAREERS IN MARKETING RESEARCH\***

Marketing research is the foundation of all marketing activities because it provides the data needed to make key strategic decisions about products, promotions, pricing, and other key organizational decisions. Careers in Marketing Research is a semester-long high school course that provides information about the process of investigation and problem analysis by using research to produce key marketing statistics that are communicated to management and used throughout the organization. This course concludes with the execution, interpretation, and presentation of marketing research.

#### **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 & DEVELOPMENT\***

Introducing high school students to the working world, this 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.

#### **CONSTRUCTION CAREERS\***

Construction Careers is a semester-long course that introduces high school students to the basics of construction, building systems, engineering principles, urban planning, and sustainability. Students learn the key techniques in building all types of buildings, as well as the key individuals involved in each step of the process. Many lessons

present information on green building techniques and concepts that are becoming a standard part of the construction industry. Safety practices are emphasized in several lessons because construction is one of the most dangerous industries; students learn that there is no way to be successful in construction without taking such issues seriously. Lessons in this course also explore regulatory agencies and guidelines established for protecting not only construction workers but also the occupants of a building.

### **CORRECTIONS: POLICIES AND PROCEDURES\***

Corrections is one of the three branches of the Criminal Justice System (CJS) in the United States. All three branches employ personnel who are authorized to uphold and enforce the law and are required to operate under the rule of law. Each branch works as part of the entire system to maintain the public safety and well-being and bring criminals to justice. Corrections facilities and programs are run by a complex system of policies and procedures, which uphold local, state, and federal laws. Corrections: Policies and Procedures gives high school students an introductory, yet thorough view of many aspects of corrections operations. Students receive historical and legal background information as they study how prisons and prisoners have evolved into correctional facilities and programs for offenders. In this semester-long course duties, responsibilities, conduct, training, and special certification possibilities for corrections staff are explored. Many aspects of procedures in corrections are reviewed, giving students an in-depth look at what a variety of careers in this growing field encompass and require.

### **ENGINEERING AND DESIGN\***

This semester-long course focuses on building real-world problem solving and critical thinking skills as students learn how to innovate and design new products and improve existing products. Students are introduced to the engineering design process to build new products and to the reverse engineering process, which enables engineers to adjust any existing product. Students identify how engineering and design have a direct impact on the sustainability of our environment and the greening of our economy. Finally, students incorporate the engineering design process, environmental life cycle, and green engineering principles to create a decision matrix to learn how to solve environmental issues.

### **ENGINEERING AND PRODUCT DEVELOPMENT\***

This semester-long course provides an overview of the concepts of product engineering and development. Students analyze the life cycle of a product to prepare a product for distribution and for target markets. The course begins with building an understanding of the product life cycle, from the initial idea to drafting requirements to using 3-D modeling tools and other design tools. The final unit focuses on assembling the pieces within a project plan to achieve a product and evaluating the plans for a successful product launch. In addition, the course provides information about the different careers available to students interested in engineering, product development, and project management.

### **FAMILY AND COMMUNITY SERVICES\***

Family and Community Services is a high school semester-long 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.

### **FIRE AND EMERGENCY SERVICES\***

Emergency and fire-management services are essential infrastructure components of a community. Fire and Emergency Services is a semester-long course that provides students with the basic structure of these organizations

as well as the rules and guidelines that govern pre-employment education requirements. The vehicles, equipment, and emergency-mitigations strategies that are commonly used in the emergency- and fire-management field are also explored. Students gain an understanding of the goals of an emergency-management service and how they are implemented and managed, including personnel, budget, and labor-management challenges in the organization. Various preparedness plans are discussed as students explore typical characteristics and frameworks of modern emergency and fire-management organizations.

### **FOOD PRODUCTS & PROCESSING SYSTEMS\***

Agriculture, food, and natural resources are central to human survival and civilization. The development, use, and stewardship of natural resources to create food products have a long and ever-changing timeline. This semester-length high school course that explores the history and evolution of food products, along with the processing methods that have arisen to feed an ever-growing world population. Students study specifics in a wide spectrum of food product topics, from early methods of preservation to technological advancements in packaging, regulations in labeling, and marketing trends. Students learn industry terminology in each area of the overall system, from “farm to fork” to vertical integration to smart packaging.

### **FOOD SAFETY AND SANITATION\***

This comprehensive semester-long course covers the principles and practices of food safety and sanitation that are essential in the hospitality industry for the protection and well-being of staff, guests and customers. The course provides a systems approach to sanitation risk management and the prevention of food contamination by emphasizing the key components of the Hazard Analysis Critical Control Point (HACCP) food safety system. After successful completion of this course, students are prepared to meet the requirements of state and national certification exams.

### **FORENSICS: USING SCIENCE TO SOLVE A MYSTERY\***

Forensics: Using Science to Solve a Mystery is a semester-long high school course that overviews modern-day forensic science careers at work using science concepts to collect and analyze evidence and link evidence to the crime and suspects in order to present admissible evidence in courts of law. Projects in this course include simulated crime-scene investigation, actual DNA separation, development of a cybersecurity plan, and the identification of specific forensic skills used during the course of a very large murder case. The focus of this course is to assist students in making career choices. The overview of careers includes job descriptions and availability, educational and training requirements, licensing and certification, and typical annual salaries. Students who take this class will become equipped to make more informed career choices regarding the forensic, computer science and medical science fields. At the same time, students will survey the history and scope of present-day forensic science work.

### **FUNDAMENTALS OF COMPUTER SYSTEMS\***

Fundamentals of Computer Systems is a semester-long 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 AND 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: 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."

### **HEALTH, SAFETY, AND ETHICS IN THE HEALTH ENVIRONMENT\***

Health, Safety, and Ethics in the Health Environment is a semester-long high school course that focuses on healthcare safety, health maintenance practices, environmental safety processes and procedures, and ethical and legal responsibilities. It also reinforces, expands, and enhances biology content specific to diseases and disorders. Students participate in project- and problem-based healthcare practices and procedures to demonstrate the criticality of these knowledge and skills. Students develop basic technical skills required for all health career specialties including understanding occupational safety techniques and obtaining their CPR and First Aid certifications.

### **HEALTH SCIENCE CONCEPTS**

This year-long course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

### **INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES\***

This semester-length high school course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, "green" technologies, agribusiness principles, and sustainability systems. In this course, students apply understanding of ecosystems and systems thinking to the management of natural resources to maximize the health and productivity of the environment, agriculture, and communities. Students also analyze community practice or policy development related to sustainability in agriculture, food, and natural resources. Finally, students apply adaptive

ecosystem management to a common pool resource problem in a manner that addresses ecological, socioeconomic, and institutional contexts.

### **INTRODUCTION TO BUSINESS**

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 ARCHITECTURE AND CONSTRUCTION\***

The goal of this semester-long high school course is to provide students with an overview of careers in architecture and construction in order to assist with informed career decisions. This dynamic, rapidly evolving career cluster, consists of three pathways (fields): Design and Pre-Construction (Architecture and Engineering); Construction (Construction and Extraction); and Maintenance and Operations (Installation, Maintenance, and Repair). The Architecture and Construction career cluster is defined as careers in building, designing, managing, maintaining, and planning the built environment. The built environment encompasses all zones of human activity—from natural conservation areas with minimal human intervention to highly dense areas with tall skyscrapers and intricate highway systems to suburban cul-de-sacs. The interrelated components that make up the built environment are as varied and unique as the professionals who help shape it.

### **INTRODUCTION TO CAREERS IN ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS\***

This introductory semester-long high school course provides comprehensive information on five separate areas of arts and communications as potential educational and career pathways, including: audio/video technology and film, performing arts, visual arts, printing technology, journalism and broadcasting, and telecommunication systems. Students who are interested in careers across a broad spectrum of professional positions, including fine artist, telecommunications administrator, magazine editor, broadcast journalist, or computer graphic artist, will gain useful perspective on industry terminology, technology, work environment, job outlook, and guiding principles.

### **INTRODUCTION TO CAREERS IN EDUCATION AND TRAINING\***

Introduction to Careers in Education and Training is a semester-long course that introduces students to the field of education and training, and the opportunities available for early-childhood through adult and continuing education. Students gain an understanding of the career options available in teaching, administrative work, and support services. They also explore the education and background experience needed to succeed in these careers. Students learn about the evolution of the modern educational system in the United States, and the policies and laws that govern educational institutions. They also discover the similarities and differences between the ethical and legal obligations of working with adults versus working with children.

### **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 CAREERS IN GOVERNMENT AND PUBLIC ADMINISTRATION\***

This semester-long course provides students with an overview of American politics and public administration, including how political institutions and public management systems at the local, state, and federal levels exercise

supervisory authority and maintain accountability. Students explore the foundations of the U.S. government, the separation of powers, the federal civil service system, and the relationship between the government and state and local officials. Students learn about politics in the United States and the electoral process, political attitudes and opinions, and American political parties. Students explore the structure of U.S. federal governmental institutions, the nature of bureaucracy, and the functions of the three branches of government. Students also learn about policy making in American government, including discussions of foreign and defense policies.

### **INTRODUCTION TO COMPUTER SCIENCE**

Introduction to Computer Science is a year-long course designed for students in grades 9-10, although any students across 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 impact the world. Students have creative, hands-on learning opportunities to create a computer program, develop a web page, design a mobile app, write algorithms, and collaborate with peers while building a strong foundational knowledge base. This course provides a solid foundation for more advanced study as well as practical skills they can use immediately.

Required Materials: Activities in this course require that Python is installed on students' computers.

### **INTRODUCTION TO HUMAN GROWTH AND DEVELOPMENT\***

This semester-long course focuses on human growth and development over the lifespan, as well as careers that help people deal with various physical, intellectual, and socioemotional issues, such as physicians, nurses, nutritionists, substance abuse counselors, clergy, teachers, career counselors, psychologists, and psychiatrists. The course provides a background in human growth and development from before birth, through childhood, into adulthood, and through death and grief. It gives the student perspective and highlights where people in the caring professions are most needed. Students who take this course will come away with a broad understanding of all the careers that help people from birth to death.

### **INTRODUCTION TO CAREERS IN THE HEALTH SCIENCES\***

This semester-long course is an overview of health careers and overriding principles central to all health professions. The course provides a foundation for further study in the field of health science. Upon completion of the course, students are able to discuss the potential career choices and have an understanding of basic concepts that apply to these different choices such as science and technology in human health, disease, privacy, ethics and safety. Essential skill development, such as communication and teamwork, are also addressed.

### **INTRODUCTION TO CAREERS IN TRANSPORTATION, DISTRIBUTION, AND LOGISTICS\***

This semester-long course introduces students to the complicated world of commercial transportation. Students undertake an overview of the fields of transportation, distribution, and logistics, learning the differences between the fields and the primary services provided in each. Students learn how warehousing, inventory, and other associated businesses impact the economy, which includes the advantages and disadvantages of automation on employment. Students learn about the history of transportation including. Students examine the fields that serve to support and manage transportation systems. Lastly, the role of technology and technological development on transportation-related businesses is addressed.

### **INTRODUCTION TO CODING\***

Intro to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately.



### **INTRODUCTION TO CONSUMER SERVICES\***

In this semester-long course, students analyze various career paths in terms of employment opportunities and educational requirements, such as hard and soft skills, certifications, and licensures for different pathways. Developing research, analytical, and presentations skills are key components. This course is designed as an overview to prepare students for a consumer services-related career and to introduce them to specialty areas. Emphasis is placed on the human services aspect (vs. corporate concerns) of consumer services. Social issues and advocacy, as well as ethics and legalities, are a recurring theme. Students gain knowledge of current issues affecting various consumer services professions, and the impact of local, state, national and global issues on consumer services.

### **INTRODUCTION TO HEALTH SCIENCE**

This high school course introduces students to a variety of healthcare careers, as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

### **INTRODUCTION TO HUMAN SERVICES\***

This semester-long course introduces high school students to the possibilities for careers in the human services professions. Through anecdotes, lessons, and a variety of assignments and projects, students learn about the broad variety of jobs available in the human services. These begin with entry-level positions, such as associate social workers, that require a two-year Associate of Arts degree. Students also learn ethics and philosophies of the helping professions. The history of the profession, as well as the impact of the cultural, social, and economic environment on individual people, especially those who need social services assistance, is also explored.

### **INTRODUCTION TO INFORMATION TECHNOLOGY**

This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

### **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.

### **INTRODUCTION TO LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY\***

In this semester-long course, students learn about the many careers that exist within the fields of law, law enforcement, public safety, corrections, and security. In addition to learning about the training and educational requirements for these careers, students explore the history of these fields and how they developed to their current state. Students also learn how these careers are affected by and affect local, state, and federal laws. Finally, students

examine the relationships between professionals in these fields and how collaborations between professionals in these careers help to create a safer, more stable society.

### **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.

### **INTRODUCTION TO STEM\***

This semester-long course introduces students to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM. Students are introduced to the history, fundamental principles, applications, processes, and concepts of STEM. Students are exposed to several computer applications used to analyze and present technical or scientific information. Finally, students explore the kinds of strategies frequently used to solve problems in these disciplines. Throughout the course, students discover their strengths through practical applications and awareness of the various STEM careers.

### **KEYBOARDING AND APPLICATIONS\***

Keyboarding and Applications is a semester-long course that teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. Students learn proper keyboarding techniques. Once students have been introduced to keyboarding skills, lessons include daily practice of those skills. Students gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, students apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations.

Required materials: ③ word-processing software (e.g., MS Word) ③ presentation software (e.g., MS PowerPoint)

### **LAW ENFORCEMENT FIELD SERVICES\***

This semester-long course introduces students to the field of law enforcement and the local, county, state, and federal laws that law enforcement personnel are sworn to uphold. The students also gain an understanding of the career options available in this field and the skills, education, and background experience needed to succeed. Students learn about the evolution of the role of law enforcement in the United States including key changes affecting law enforcement. Students learn about the interaction between local, county, state, and federal law enforcement agencies. Finally, students learn about the types of crime that are commonly committed and the procedures, evidence collection techniques, and technological advances that law enforcement personnel use to investigate crimes.

### **LEGAL SERVICES\***

Legal Services is a high school semester-long course that provides students with an overview of the system of laws in the United States, the practice areas, and career options in the field. Students learn about how the legal system operates, the consequences to those who commit crimes, and how disputes are settled, as well as how criminal and civil cases reach court and are resolved. Students learn about the courtroom and the basics of a typical court case. Students explore constitutional rights and legal safeguards, types of evidence, as well as how technology has changed the practice of law. They also learn about legal education and various careers in the legal field.

### **MEDICAL TERMINOLOGY**

This full-year course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the healthcare field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

### **MARKETING AND SALES FOR TOURISM AND HOSPITALITY\***

This semester-long course is designed as an introduction to the study of tourism and hospitality marketing and sales. Students are introduced to marketing theory and application of the basic principles of marketing as applied in hospitality and tourism. The relationship between marketing and other functions such as advertising, sales techniques, and public relations to maximize profits in a hospitality organization is addressed. Students have an opportunity to explore this multifaceted world, identifying multiple career paths and opportunities.

### **MICROSOFT® OFFICE® SPECIALIST**

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.

### **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.

### **NURSING ASSISTANT**

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and medical care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Certified Nursing Assistant (CNA).

### **NURSING: UNLIMITED POSSIBILITIES AND UNLIMITED POTENTIAL\***

Nursing: Unlimited Possibilities and Unlimited Potential provides high school students opportunities to compare and contrast the various academic and clinical training pathways to an entry level position in nursing and to explore the growing number of opportunities for professional advancement given the proper preparation and experience. In this semester-long course, students have several opportunities to learn about the expanding scope of professional practice for registered nurses and better understand the important changes proposed in the education and ongoing professional development of nurses.

### **PERSONAL CARE SERVICES\***

Personal Care Services introduces high school students to a variety of careers in the following areas: cosmetology (including hairstyling and haircutting, esthetics, manicuring, makeup, and teaching) and barbering (including cutting and styling of hair and facial hair and manicuring for men); massage therapy, teaching body-mind disciplines (yoga, Pilates, and the martial arts), and fitness (general exercise classes and acting as a personal trainer); and mortuary science (embalming and funeral directing). The semester-long course teaches students about what each career entails and the education and training they need to become credentialed in various career specialties. In addition, about half of the course is devoted to teaching knowledge associated with the various professions, so that students can get a feel for what they should learn and whether they would like to learn it.

### **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.

### **PHARMACY TECHNICIAN**

This two-semester course prepares students for employment as a Certified Pharmacy Technician (CPhT) and covers the skills needed for the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills. Successful completion of this course prepares the student for national certification for employment as a CPhT.

### **PHYSICIANS, PHARMACISTS, DENTISTS, VETERINARIANS, AND OTHER DOCTORS\***

Physicians, Pharmacists, Dentists, Veterinarians, and Other Doctors focuses on preparation for physician-level careers, including dental, veterinary and pharmaceutical, along with a look into the physician assistant and alternative medicine systems. This semester-long course also introduces the topics of diversity and the move toward social and cultural skills in medicine, in addition to academic ability. This course focuses on the preparation for entry to practice, along with navigating the field once you are in it (working as part of a team, dealing with patients, etc.). Students choose their career path by studying different roles, responsibilities, settings, education needs, and amounts of patient contact. Degree and training requirements, working environment, salaries, and the day in the life of that career is also covered in this course. Students explore important aspects that are applicable to the entire health field, such as behaving ethically, keeping patients safe and free from infections and germs, and following laws and policies.

### **PLANNING MEETINGS AND SPECIAL EVENTS\***

Planning Meetings and Special Events is a semester-long high school course designed as an introduction to the

study of planning meetings and special events. Being a meetings and special events planner is both demanding and rewarding. According to The Bureau of Labor Statistics employment of meeting, convention, and event planners is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. Job opportunities should be best for candidates with hospitality experience and a bachelor's degree in meeting and event management, hospitality, or tourism management. It's not all fun and parties because a meeting coordinator is responsible for every detail of an event. Planners must know how to communicate, be empathetic, and think of their clients. It's crucial to remember that in some instances the event will be a once-in-a-lifetime occasion, so it's important to get it right.

### **PLANT SYSTEMS\***

Plant Systems is a semester-length high school course that introduces students to the basics of plant biology, soil science, agriculture, and horticulture, along with the environmental management practices involved in each, including integrated pest management, biotechnology, growth techniques, and crop management. Students learn the basic parts of a plant, how plants are scientifically classified, and how they interact with water, air, nutrients, and light to undergo the processes of photosynthesis and respiration. Plant reproduction, including pollination, germination, and dispersal of seeds, is also presented. The course concludes by looking at careers in the plant sciences which includes agronomy, horticulture, or landscape design.

### **POWER, STRUCTURAL, AND TECHNICAL SYSTEMS\***

This semester-length high school course provides students with an understanding of the field of agriculture power and introduces them to concepts associated with producing the food and fiber required to meet today's and tomorrow's needs. Students are given the opportunity to explore agriculture machinery, as well as structures and technological concepts. They also learn about the historical changes in agriculture and how agriculture has changed to meet the needs of the future world population. Students are introduced to machinery, structures, biotechnology, **and ethical and professional standards applicable to agriculture power.**

### **PRINCIPLES OF FOOD (8500390) FL\***

Principles of Food is a comprehensive semester-long high school course that covers the principles and practices of food safety and sanitation that are essential in the hospitality industry for the protection and well-being of staff, guests, and customers. This course provides a systems approach to sanitation risk management and the prevention of food contamination by emphasizing the key components of the Hazard Analysis Critical Control Point (HACCP) food safety system. Compliance with OSHA standards is also covered. Students also learn about different management roles in a food service facility as well as about the different types of food styles a restaurant may serve. After successful completion of this course, students are prepared to meet the requirements of state and national certification exams.

### **PUBLIC HEALTH: DISCOVERING THE BIG PICTURE IN HEALTH CARE\***

Public Health: Discovering the Big Picture in HealthCare is a semester-long high school course that discusses the multiple definitions of public health and the ways these definitions are put into practice. The five core disciplines and ways they interact to reduce disease, injury and death in populations is explored. By understanding the roles of public health, students gain a greater appreciation for its importance and the various occupations one could pursue within the field of public health. Students explore the history, nature and context of the public health system. Students also learn how to promote public health, and how to coordinate a response to a public health emergency. Students explore how diseases spread and learn about the roles of the Centers for Disease Control and the World Health Organization. By entering the field of public health, students play an integral part in improving the health and lives of many people.

### **SCIENCE AND MATHEMATICS IN THE REAL WORLD\***

Science and Mathematics in the Real World is a semester-long high school course where students focus on how to

apply scientific and mathematical concepts to the development of plans, processes, and projects that address real world problems, including sustainability and “green” technologies. This course also highlights how science, mathematics, and the applications of STEM will be impacted due to the development of a greener economy. This course exposes students to a wide variety of STEM applications and to real world problems from the natural sciences, technology fields, the world of sports, and emphasizes the diversity of STEM career paths. The importance of math, critical thinking, and mastering scientific and technological skill sets is highlighted throughout. Challenging and enjoyable activities provide multiple opportunities to develop critical thinking skills and the application of the scientific method, and to work on real world problems using STEM approaches.

#### **SCIENTIFIC DISCOVERY AND DEVELOPMENT\***

Scientific Discovery and Development is a semester-long high school course that explores the history of clinical laboratory science, learning how clinical laboratories evolved and became professionalized, and how scientific discoveries and breakthroughs fueled the development of the laboratory while the sub-disciplines in biology were advancing. Students learn about the circulatory system and about microbiology and the subfields within it. Cells and tissues, cell division and basic genetics is also addressed. This course covers the three major areas in bioresearch: biotechnology, nanotechnology, and pharmaceutical research and development. More than two dozen career fields are explored along the way including laboratory techs, phlebotomists, and pathologist assistants. Students learn what is necessary in the areas of education and credentialing with an idea of the job outlook and salaries.

#### **SCIENTIFIC RESEARCH\***

Scientific Research is a semester-long high school course that describes activities from the point of view of a professional scientist. The lessons provide support, accessible ideas, and specific language that guide students through most of the steps, insights, and experiences eventually faced if continued through higher education toward a graduate degree. Knowing the practical, everyday basics of scientific thinking and laboratory activity serves as a necessary first step to a career as a technician or a lab assistant. While these jobs are hands-on and technical, the intellectual and historical background covered in the course provides an awareness that is essential to working in such an atmosphere.

#### **SECURITY AND PROTECTIVE SERVICES\***

Security and Protective Services is a semester-long high school course that offers an overview of the security and protective services industry. Students will understand different types of security services and how they relate to one another. The distinction between the criminal justice system within the public sector and private security is addressed. The course begins with an introduction to the history of private security, with subsequent units focusing on a specific sector. The concluding unit focuses on the emerging challenges facing security services in the twenty-first century, including international terrorism. In addition, the course provides information about many different careers that are available to students who are interested in security and protective services.

#### **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.

#### **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.

### **STEM AND PROBLEM SOLVING\***

Science, technology, engineering, and mathematics (STEM) are active components in the real world. STEM and Problem Solving is a semester-long high school course that outlines how to apply the concepts and principles of scientific inquiry, encouraging the use of problem-solving and critical-thinking skills to produce viable solutions to problems. Students learn the scientific method, how to use analytical tools and techniques, how to construct tests and evaluate data, and how to review and understand statistical information. This course is designed to help students understand what we mean by problem solving and to help understand and develop skills and techniques to create solutions to problems. Advanced problem-solving skills are necessary in all science, technology, engineering, and mathematics disciplines and career paths. This problem-solving course stresses analytic skills to properly format problem statements, use of the scientific method to investigate problems, the use of quantitative and qualitative approaches to construct tests, and an introduction to reviewing and interpreting statistical information.

### **SUSTAINABLE SERVICE MANAGEMENT FOR HOSPITALITY AND TOURISM\***

This comprehensive semester-long course covers the principles and practices of sustainable service management. The purpose of this course is to provide students with an understanding of socially, environmentally, and financially sustainable hospitality management. The course provides a sustainable approach to service management, incorporating the role of the customer, employee, leaders, and the environment. After successful completion of this course, students understand and are able to explain the fundamentals of sustainability in the hospitality industry.

### **TEACHING AND TRAINING CAREERS\***

Teaching and Training Careers is a semester-long high school course that introduces students to the art and science of teaching. It provides a thorough exploration of pedagogy, curriculum, standards and practices, and the psychological factors shown by research to affect learners. In five units of study, lessons, and projects, students engage with the material through in-depth exploration and hands-on learning, to prepare them for teaching and training careers. Students are given many opportunities to be the teacher or trainer, and to explore the tasks, requirements, teaching strategies, and research based methods that are effective and high-quality.

### **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 word-processing documents, spreadsheets with charts and graphs, database files, and electronic presentations.

### **THERAPEUTICS: THE ART OF RESTORING AND MAINTAINING WELLNESS\***

Therapeutics: The Art of Restoring and Maintaining Wellness is a semester-long high school course that focuses on careers that help restore and maintain mobility and physical and mental health, such as physical therapists, physical therapy assistants, occupational therapists, athletic trainers, massage therapists, dieticians and dietetic technicians, art therapists, neurotherapists, vocational rehabilitation counselors, and registered dental hygienists. Each career is explored in depth, examining typical job duties, educational and licensure requirements, working conditions, average salary, and job outlook. Key concepts and specific skill sets are introduced in the lessons, allowing students to apply what they have learned to health careers. This course is important because skilled health care workers are in high demand and expected to remain so for the foreseeable future.

## **TRANSPORTATION AND TOURS FOR THE TRAVELER\***

Transportation and Tours for the Traveler is a semester-long course where students learn about today's package tour industry, travel industry professionals, and package tour customers. Students find out who tour operators must work with to create travel products and what kinds of decisions they must make in terms of meals, lodging, attractions, and, of course, transportation. Finally, students learn about how technology, world events, and increased environmental awareness are affecting the travel industry today. Students focus on the different components that go into creating a tour to get a sense of what working for a tour operator entails as well as what other careers are available in the tour industry.

# Test Preparation

## **VIRTUAL TUTOR: ACT®**

This course provides students with the opportunity to prepare to successfully complete the ACT® college-entrance exam. Practice tests diagnose and target areas of opportunity, and students are prescribed individual study paths. The learning experience includes video-based instruction by highly qualified teachers, interactive assignments, and frequent assessment opportunities to track progress.

## **VIRTUAL TUTOR: SAT®**

This test preparation course effectively prepares students for all sections of the SAT® exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

## **VIRTUAL TUTOR: PSAT®**

This course provides students with the opportunity to prepare for success on the PSAT®. Practice tests diagnose and target areas of opportunity, and students are prescribed individual study paths. The learning experience includes video-based instruction by highly qualified teachers, interactive assignments, and frequent assessment opportunities to track progress.

## **VIRTUAL TUTOR: GED®**

This test preparation course effectively prepares students for all sections of the GED® exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

## **VIRTUAL TUTOR: HISET®**

This test preparation course effectively prepares students for all sections of the HiSET® exam. Course content is broken up into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

## **VIRTUAL TUTOR: TASC®**

This test preparation course effectively prepares students for all sections of the TASC® test. Course content is broken up into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.



**VIRTUAL TUTOR: COMPASS®**

This course reviews the concepts and skills essential for college readiness as measured by the COMPASS® post-secondary placement exam. In this course, students complete a diagnostic pretest for each set of skills that assesses specific areas of strength and weakness. Based on the assessment results, the student receives a personalized learning plan, providing the most efficient and effective preparation possible.

**VIRTUAL TUTOR: ACCUPLACER®**

This course reviews the concepts and skills essential for college readiness as measured by the Next Generation ACCUPLACER® post-secondary placement exam. In this course, students complete a diagnostic pretest for each set of skills that assesses specific areas of strength and weakness. Based on the assessment results, the student receives a personalized learning plan, providing the most efficient and effective preparation possible.

**VIRTUAL TUTOR: ACT WORKKEYS®**

This course prepares students for the WorkKeys assessments in Applied Math, Graphic Literacy, and Workplace Documents. Each unit of instruction includes teacher-led video instruction with teachers modeling assessment items comparable to the ones students will encounter on exam day. In addition, students have ample practice opportunities, as each lesson includes multiple assignments, with each one aligned to the difficulty and cognitive processes demanded by one of the five levels of mastery on the WorkKeys assessment.

**VIRTUAL TUTOR: ASVAB**

This course prepares students for the Math, Verbal, and Science sections of the Armed Services Vocational Aptitude Battery. Each subject includes multiple strands, each with its own diagnostic pretest—allowing students to focus their study only on their areas of weakness. Personalized study plans based on the diagnostic results include video-based instruction, assignments and practice, and assessment to ensure that students have mastered material.

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TASC is a registered trademark of CTB.

HiSET is a registered trademark of Educational Testing Service (ETS).

# Honors

**ALGEBRA I 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 nonlinear functions. Students deepen their understanding of quantitative reasoning, piecewise functions, and quadratic functions through performance tasks. The additional performance-based 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.

## **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.

## **ALGEBRA II 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 by 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 allows students to 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.

## **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.

## **LANGUAGE ARTS 9 HONORS**

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 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.

### **LANGUAGE ARTS 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*.

### **LANGUAGE ARTS 11 HONORS**

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.

### **LANGUAGE ARTS 12 HONORS**

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.

### **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.

### **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.

### **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 real-world 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.

### **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.

### **SURVEY OF UNITED STATES HISTORY HONORS**

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 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.

### **SURVEY OF WORLD HISTORY HONORS**

From the first civilizations through today's society, students will embark on a more rigorous yearlong study of our world's history. Students investigate classical civilizations in the Middle East, Africa, Europe, and Asia while exploring the economic, political, and social revolutions that have transformed human history. Units progress through the course by touching on world wars, imperialism, and cultural aspects of each region's society. From creating an explorer's notebook to mapping out how Europe changed after World War II, 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 region and era of study. Incorporating activities from other disciplines gives students the opportunity to connect history to other subjects. Students read excerpts from novels such as Charles Dickens' *Hard Times* and excerpts from memoirs like that of Ji-li Jiang's, titled *Red Scarf Girl*. Projects such as writing a summary of a current event based on an ancient religion encourage students to perform throughout the course at a higher level.

### **UNITED STATES GOVERNMENT HONORS**

From the origins of democracy through our nation's public policies, students will take part in a more rigorous semester-long study of the principles and procedures of the United States' government. Students begin by taking an in-depth look at the creation of the Constitution and analyze the Amendments contained therein. Supreme Court cases that have challenged what our constitutional rights are and their lasting impact is the next topic covered in the course. Students then study the structure and duties of our government, including writing an informative essay about a federal agency. Students then explore the duties of an American citizen and finally examine the various public policies our government is responsible for. From writing about the purpose of government to analyzing landmark Supreme Court decisions, students are better equipped to understand how the federal, state, and local governments work as well as how citizens should engage with each other in today's society. Throughout this Honors course, students continuously analyze primary and secondary sources, including political cartoons, essays, and judicial opinions. Projects such as creating a political cartoon and taking part in a debate about voter ID laws encourage students to perform throughout the course at a higher level.

### **UNITED STATES HISTORY I HONORS**

From the first colonial settlements through the Gilded Age and industrialization, students will embark on a more rigorous yearlong study of the beginnings of our nation's history. Students investigate the political, social, cultural, intellectual, and technological revolutions of the United States that have helped to lay the foundation of our country. Units progress through the course by starting with an in-depth look at the first settlements and European explorations that eventually led to colonization. Students study the events and outcomes of the American Revolution, as well as the creation of the Constitution and the beginnings of our government. Manifest destiny and slavery are the next topics students analyze that lead into a closer look at the Civil War and how it changed our nation. From writing about the Lincoln-Douglas debates to analyzing the effects of immigration and urbanization, students are better equipped to understand what happened during our nation's beginnings. 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 selections like "Your People Live Only Upon Cod," and poetry such as "The New Colossus" by Emma Lazarus. Activities such as writing a personal narrative as either a slave or newly freed person and analyzing a report on child labor encourage students to perform throughout the course at a higher level.

### **UNITED STATES HISTORY II HONORS**

From the Industrial Revolution through today's society, students will embark on a more rigorous yearlong study of our country's modern history. Students investigate the economic, political, and social revolutions that have transformed our country into the nation it is today. Units progress through the course by taking an in-depth look at events such as those surrounding our nation's expansion westward, civil rights in various eras, our nation's involvement in World War I and II, as well as cultural aspects of our society. From analyzing landmark Supreme

Court decisions to writing about advancements in technology, 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 Geronimo's autobiography, *Story of His Life*. Activities such as writing about how the frontier is part of America's history and national character and analyzing various Presidents' speeches encourage students to perform throughout the course at a higher level.

## Social Emotional Learning

**The Purpose Prep SEL content library includes six full courses, as well as content from those courses organized into smaller modules for intervention and prevention. This content is available natively in the Edgenuity LMS so that it can be fully customized and combined with content from other Edgenuity content libraries and courses.**

### **CHARACTER & LEADERSHIP DEVELOPMENT**

In this course, students will learn what leadership looks like in a 21st-century world, how new generations are adapting to lasting principles and how to influence others and take on a leadership role in their own community. The course begins with providing students the opportunity to identify and write out their life vision, mission, and purpose and begin to understand the value of making memories, having adventures, and creating meaningful experiences. Upon completion of this course, students will have a clear understanding of what it takes to have an impact on their family, friends, and peers, as well as a personal action plan of practical steps they can take to reach their goals.

### **COLLEGE & CAREER READINESS**

The content in this course provides instruction on skills essential for students preparing for college and/or a career, including: how to build an effective resume, how to groom and dress in the workplace, the power of networking and how to develop disciplines that lead to success. Now, more than ever, students are told they must be prepared for higher education or a career in a skilled profession.

### **MENTAL HEALTH & WELLNESS**

Mental Health & Wellness is a course designed to reinforce and empower a student's overall mental health, especially in times of crisis or trauma. This course is designed to help students cope with difficult situations, self-soothe, and manage conflicting emotions. It seeks to give students the tools they need to keep their mind and well-being safe and sound. By participating in this course, students build a framework for citizenship, embrace the value of diversity, and learn how to appropriately use their voice to fight against injustices. Upon completing this course, students will understand the value of resiliency and how to utilize a framework for working through life challenges, enabling them to lead a meaningful and fulfilling life.

### **PERSONAL DEVELOPMENT**

Personal Development is a course designed to increase a student's success in school, at work, and in their personal life. Each of the lessons in this course provide students with practical insights, stories, discussion questions, and activities designed to enhance self-awareness, boost self-esteem, and help develop the motivation it takes to overcome personal challenges. By participating in course activities and discussions, students build a valuable record of their goals, dreams, skills, interests, and values. Students will also develop the skills necessary to make informed

and responsible decisions about their own well-being, as well as the well-being of others.

### **SOCIAL AND EMOTIONAL SUCCESS**

Social & Emotional Success is a course designed to strengthen a student's social capacity and their emotional intelligence (EQ). Through a study of mindfulness, students develop a strong sense of self, enabling them to develop successful relationships, make healthy decisions, and achieve their goals. On top of developing EQ skills students will be equipped to handle trauma, developing coping skills, understand the consequences of drugs and how to find help when feeling vulnerable and abused. Upon completing this course, students will be empowered with the skills to identify problems, utilize critical thinking to evaluate and reflect on solutions, and engineer their own philosophy towards mindfulness.

### **UNLOCK YOUR PURPOSE**

In this course, students will investigate their why and identify the person they want to become. Yet, no matter how strong their self-awareness is, events will occur that will challenge them. This course allows students to examine what motivates them to keep pressing on and pushing through the pain of growth that is necessary to leading a fulfilling life. By participating in activities and discussions in this course, students build the interpersonal and intrapersonal skills that lead to a life of purpose. Upon completing this course, students will understand how to balance the principles of happiness and success, the importance of helping others, the connection between internal thoughts and external communication, and how to build and maintain healthy relationships.

### **“INTERVENTION ON PURPOSE” MODULES**

The “Intervention On Purpose” module suite includes selected content from the full Purpose Prep courses, for use in a variety of flexible implementation settings:

- Hopelessness, Sad Feelings & Emotional Thinking
- Anger and Temper Management
- Anxiety
- Bullying & Cyberbullying
- Vision of Self
- Talking to Parents, Adults & Peers: Communication Strategies
- Depression
- Self-Esteem & Self-Worth: How to Be Proud & Love Yourself
- Building Healthy Friendships & Relationships with Healthy Communication
- Getting to Know your Identify & Self
- Impact & Contribute in your Community
- Building Compassion & Empathy for Others
- Death of a Loved One
- Copying & Strategies When Loved Ones Are Incarcerated
- Dealing with Divorce & Separation
- It's not Black & White: Becoming a Dynamic Leader
- Dealing with Rejection
- It's OK if you're Different
- Hope with Teen Pregnancy
- Overcoming Peer Pressure & Bad Memories
- Use your Voice, Speak Out and Don't Stay Silent
- How to Write Life-Changing Goals for Your Future
- Managing Stress and Emotions

- Walking through Forgiveness
- Meditation & Keeping Calm
- Learn to Date Yourself
- Live by Character, Integrity, Principles, Value and Purpose
- Turn your Life Around & Start Again
- Dress & Groom for Success
- Self-Motivate and Create Ambition & Curiosity
- Suicide Prevention & Education
- Substance Abuse
- Resiliency, Elasticity & Coping Strategies
- The Importance of Mentorship
- Identifying your Needs & Limits
- Impulsive Decision-Making to Successful Decision-Making
- Focus & Refocus
- Accepting & Taking Responsibility
- Coping with Grief, Loss and Shame
- Diversity & Inclusion
- Mood & Behavior Management
- Suspension & Expulsion
- Self-Harm and Staying Safe
- Sexual Abuse & Sexual Pressure
- Learned Helplessness
- Primary & Secondary Impacts of Behavior
- Gangs, Guns and Fighting
- Avoiding Exploitation (Human Trafficking)
- How to Return Successfully to School
- Learning Refusal Skills & How to Say No
- Truancy
- Restorative Practices
- Adrenaline and Aggression
- Digital Citizenship & Safety
- Cultural Implications within Family & Learned Behavior
- Swearing & Degrading Words
- An Introduction to Substance Abuse
- Drugs and the Body & Mind
- Stimulants & Depressants (including alcohol)
- Vaping & JUULing
- Drugs & Relationships
- Living Drugs-Free and Overcoming Drugs



# Subscription-Based Electives

Edgenuity offers a suite of eDynamic Learning electives on a subscription basis, allowing students to pursue a large range of interests in language arts, creative arts, STEM, and CTE. These electives are priced separately by semester enrollment.

## **ADVERTISING AND SALES PROMOTION\***

What comes to mind when you think of marketing? Does a favorite commercial jingle begin to play in your head? Or do you recall the irritating phone call from a company trying to sell you software you already have? No matter what your feelings are about it, there's no denying the sheer magnitude of the marketing industry. Every year companies spend \$200 billion promoting their products and services—and that's in the United States alone! Experts estimate that by the time you turn 65, you will have seen nearly 2 million TV commercials, not to mention radio ads, billboards, and online advertisements. You're familiar with what it's like on the receiving end of a company's marketing efforts, but what's it like on the other side? In this Advertising and Sales Promotions course, you'll learn how marketing campaigns, ads, and commercials are conceived and brought to life. You'll meet some of the creative men and women who produce those memorable ads and commercials. And you'll discover career opportunities in the field to help you decide if a job in this exciting, fast-paced industry is in your future!

## **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.

## **AGRISCIENCE I: INTRODUCTION TO AGRISCIENCE\***

In this course, students will learn more about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

## **AGRISCIENCE II: SUSTAINING HUMAN LIFE\***

Science and technology are revolutionizing many areas of our lives, and agriculture is no exception! From aquaculture to genetic engineering, agriscience is finding new ways to better produce and manage plants, from the field to the garden. In Agriscience II, you'll build on your existing knowledge of plant science and delve deeper into important areas such as soil science and weed management. You'll learn more about horticulture and plant science trends from creating hybrid species to growing edible plants in unlikely places.

## **AMERICAN SIGN LANGUAGE 1**

This beginning of this full-year course will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture: social beliefs, traditions, history, values and communities influenced by deafness. The second semester will introduce you to more of this language and its grammatical structures. In this course, students will build on the skills they learned in American Sign Language 1 and explore the long and rich history of Deaf culture and language. They will expand their knowledge of the language as well as their understanding of the world in which it is frequently used. Students will grow their sign

vocabulary and improve their ability to interact using facial expressions and body language. They will also learn current trends in technology within ASL as well as potential education and career opportunities

### **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.

Required materials: ③ The following free, cross-platform programs will need to be downloaded for use during the course (programs will run on Windows XP and higher, Linux, and Mac computers, not tablets or phones): ③ Tupi 2D Magic ③ Blender ③ DaVinci Resolve ③ Materials Required for Unit 1: ③ Modeling clay (optional) ③ Camera (can be an actual camera or a camera on a tablet or device) ③ Scissors ③ Stiff paper or cardboard ③ Glue or tape ③ Thumbtack or pushpin ③ Mirror

### **ANTHROPOLOGY I: UNCOVERING HUMAN MYSTERIES\***

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 MYSTERIES UNCOVERED\***

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: DETECTIVES OF THE PAST\***

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 the 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 items.

### **ASTRONOMY: EXPLORING THE UNIVERSE\***

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.

### **BIOTECHNOLOGY: UNLOCKING NATURE’S SECRETS**

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.

### **CAREERS IN CRIMINAL JUSTICE\***

The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

### **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.

### **COSMETOLOGY: CUTTING EDGE STYLES**

Interested in a career in cosmetology? This course provides an introduction to the basics of cosmetology. Students will explore career options in the field of cosmetology, learn about the common equipment and technologies used by cosmetologists, and examine the skills and characteristics that make someone a good cosmetologist. Students will also learn more about some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other cosmetology related businesses.

### **COSMETOLOGY 2: THE BUSINESS OF SKIN AND NAIL CARE\***

Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well versed in the latest trends and technological advances. In this course, students will experience what the day-to-day life of a cosmetologist is like. They will discover that cosmetology is much more than knowing and applying techniques. Additionally, students will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques.

### **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.

### **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?

### **CULINARY ARTS**

Food is all around us—we are dependent on it and we enjoy it. This course will give you the basic fundamentals to start working in the kitchen and gaining experience as you explore and establish your talents for cooking and preparing food in a creative and safe way. You will learn safety measures as well as enhance your knowledge of various types of foods and spices. If you enjoy hands-on learning and want to deepen your knowledge about culinary arts, this is a great course to start.

### **CYBERSECURITY I**

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 PHOTOGRAPHY I: CREATING IMAGES WITH IMPACT!**

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.

Required materials: ③ Manual camera or digital camera with manual settings (the camera needs to allow for the mode, shutter speed, and aperture to be adjusted) A Smartphone may be used for most required tasks, however, appropriate applications will need to be installed to allow the student to make the necessary adjustments to the camera mode, shutter speed, and aperture. ③ Tripod (or necessary item(s) to create a stable foundation) ③ Reflector (white paper, poster board, sheets, or a wall) ③ Image editing software ③ Access to a slideshow application, such as PowerPoint

### **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.

Required materials: ③ Digital camera: “point and shoot” or above. A Smartphone may be used for most required tasks, however, appropriate applications will need to be installed to allow the student to make the necessary adjustments to the camera mode, shutter speed, and aperture. ③ One frame (of your choice) to display a photograph on the wall ③ 3M strip (or something similar) ③ Image editing software capable of the following: ③ cropping ③ changing a photo to black and white ③ adjusting color and brightness ③ resizing images ③ applying filters and

special effects like texture or glitter ③ creating layers

### **EARLY CHILDHOOD EDUCATION**

Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children.

### **FASHION AND INTERIOR DESIGN\***

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field.

Required Materials: ③ Clothing items ③ Sewing machine ③ Digital camera ③ Thread ③ Fabric ③ Clothing Patterns ③ Measuring tape ③ Sketchpad ③ Paper ③ Scissors

### **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.

### **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.

### **GAME DESIGN I\***

The possibilities are endless when it comes to video game design! Learn about the history of gaming, software and hardware, troubleshooting, and Internet safety. Tap into your creative abilities and learn the necessary technical skills to design your own gaming platforms and create a plan for a 2D game. Turn your hobby into a future career.

Required Materials: ③ Computer with: ③ internet access ③ slide show program ③ word processing program ③ Unity LTS Release 2017.4.0f1 ③ OS: Windows 7 SP1+, 8, 10, 64-bit versions only; Mac OS X 10.9+. Server versions of Windows & OS X are not tested. ③ GPU: Graphics card with DX10 (shader model 4.0) capabilities. ③ Timing device (smartphone, stopwatch, or kitchen timer) ③ Photo and video equipment ③ May be a digital camera, a phone with a camera or a computer camera ③ Several (10-20) pieces of blank paper ③ Pencil and/or pen  
Optional Materials: For students who prefer to complete activities/lab by hand: ③ Poster board or butcher paper ③ Markers, crayons, colored pencils ③ A printer

### **GAME DESIGN II\***

Explore all things related to video game design. Gain skills to conceptualize, design, and fully create a video game. Explore software and hardware, sharpen your coding skills, learn about storylines, player progression, and

algorithmic decision making. Analyze a variety of game play components.

Required Materials • Computer with:

③ OS: Windows 7 SP1+, 8, 10; Mac OS X 10.8+. ③ Windows XP & Vista are not supported; and server versions of Windows & OS X are not tested. ③ Firefox or Chrome browser for Audio App used in Unit 1 ③ GPU: Graphics card with DX9 (shader model 3.0) or DX11 with feature level 9.3 capabilities. ③ More advanced gaming prototypes may require more advanced hardware! You must have the ability to download software onto your computing device. ③ Audio Recording device (microphone, etc.) ③ Mouse/trackball with scroll wheel

### **GOTHIC LITERATURE: MONSTER STORIES\***

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.

### **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 in-depth 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.

### **HOSPITALITY & TOURISM: TRAVELING THE GLOBE\***

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

### **HOSPITALITY AND TOURISM 2: HOTEL AND RESTAURANT MANAGEMENT**

In this course, students will learn about what makes the hotel and restaurant industries unique. They will learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Students will evaluate the environment for these businesses by examining their customers and their competition. As well, they will discover trends and technological advances that makes each industry exciting and innovative. Students will explore a variety of interesting job options from Front Desk and Concierge services to Front-of-House and Food Service.

Required Materials: ③ Computer with: ③ Internet access ③ Slideshow program like Keynote or PowerPoint ③

Word processing program like Microsoft Word ③ Video recording device ③ Digital camera, cell phone, or computer with video capabilities ③ Audio recording device ③ Computer, cell phone app, or handheld voice recorder ③ A friend or family member to assist with various activities/labs ③ A real or fake telephone to use as a prop

Optional Materials: (only needed if student will not create labs/activities digitally) ③ Craft materials: ③ Crayons, markers, colored pencils ③ Glue ③ Scissors ③ Poster board or butcher paper ③ Printer

### **INTERNATIONAL BUSINESS: GLOBAL COMMERCE IN THE 21ST CENTURY\***

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 FORESTRY AND NATURAL RESOURCES\***

Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry and Natural Resources course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry related careers and important issues facing forestry professionals today.

Required Materials ③ A digital camera or camera phone ③ Approximately 1 cup of soil ③ A clear glass jar with a lid ③ Water to fill the jar ③ A ruler or tape measure ③ Marker or tape ③ Supplies for an experiment of the student's choice ③ Samples of water from three different water sources ③ 3 clear glass containers with lid

### **INTRODUCTION TO MANUFACTURING: PRODUCT DESIGN & INNOVATION\***

Think about the last time you visited your favorite store. Have you ever wondered how the products you buy make it to the store shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In this course, you'll learn about the types of manufacturing systems and processes used to create the products we buy every day. You'll also be introduced to the various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors. As a culminating project, you'll plan your own manufacturing process for a new product or invention! If you thought manufacturing was little more than mundane assembly lines, this course will show you just how exciting and fruitful the industry can be.

### **INTRODUCTION TO 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.

### **INTRODUCTION TO RENEWABLE TECHNOLOGIES\***

Interested in transforming energy? With concerns about climate change and growing populations' effects on traditional energy supplies, scientists, governments, and societies are increasingly turning to renewable and innovative energy sources. In the Introduction to Renewable Technologies course, you'll learn all about the cutting-edge field of renewable energy and the exciting new technologies that are making it possible. You'll explore new ways of generating energy and storing that energy, from biofuels to high capacity batteries and smart electrical grids. You'll also learn more about the environmental and social effects of renewable technologies and examine how people's energy decisions impact policies.

### **INTRODUCTION TO SOCIAL MEDIA\***

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.

### **JOURNALISM: INVESTIGATING THE TRUTH**

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.

### **LAW & ORDER: INTRODUCTION TO LEGAL STUDIES\***

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

### **MARINE SCIENCE: SECRETS OF THE DEEP BLUE**

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.

### **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.



### **MYTHOLOGY & FOLKLORE: LEGENDARY TALES\***

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.

### **NATIONAL SECURITY\***

In this course, you will learn the critical elements of this very important career, such as evaluating satellite information, analyzing training procedures, assessing military engagement, and preparing intelligence reports. In addition, you will gain a better understanding of appropriate responses to security threats and how best to coordinate information with other agencies.

### **NUTRITION AND WELLNESS\***

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

### **PEER COUNSELING**

Helping people achieve their goals is one of the most rewarding of human experiences. Peer counselors help individuals reach their goals by offering them support, encouragement, and resource information. This course explains the role of a peer counselor, teaches the observation, listening, and emphatic communication skills that counselors need, and provides basic training in conflict resolution, and group leadership. Not only will this course prepare you for working as a peer counselor, but the skills taught will enhance your ability to communicate effectively in your personal and work relationships.

### **PHILOSOPHY: THE BIG PICTURE\***

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.

### **PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES\***

Food has to travel from the farm to the table, and in Agriculture and Natural Resources, you will learn about all of the steps in that journey, beginning with the history of agriculture through animal husbandry, plant science, and managing our use of natural resources. In this course, you will receive a broad understanding of the subject matter, preparing you for future hands-on learning, participation in Future Farmers of America, and supervised agricultural experiences.

Required Materials: ③ A digital camera or camera phone ③ Supplies for an experiment of the student's choice

### **PRINCIPLES OF PUBLIC SERVICE: TO SERVE AND PROTECT\***

Have you ever wondered who decides where to put roads? Or makes sure that someone answers the phone when you call 911? Or determines that a new drug is safe for the public? These tasks and many more are part of public service, a field that focuses on building healthy societies. Public service includes many different types of careers, but they all have in common the goal of working for others. This course will explore some of the most common career paths in public service. Working for the public also comes with a very specific set of expectations since protecting society is such an important mission. So if you want to work for the greater good, there is probably a public service career for you!

### **PUBLIC SPEAKING**

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.

### **REAL WORLD PARENTING\***

What is the best way to care for children and teach them self confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. Learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/ child relationships are some of the topics covered in this course.

### **RESTAURANT MANAGEMENT\***

Have you always dreamed of running your own restaurant? Maybe you want to manage a restaurant for a famous chef. What goes on beyond the dining room in a restaurant can determine whether a restaurant is a wild success or a dismal failure. In Restaurant Management, you'll learn the responsibilities of running a restaurant—from ordering supplies to hiring and firing employees. This course covers the different types of restaurants; managing kitchen and wait staff; food safety and hygiene; customer relations; marketing; using a point-of sale system; scheduling employees; and dealing with difficult guests. Restaurant Management will prepare you for a steady career, whether you plan to buy a fast food franchise, operate a casual sit-down restaurant, or oversee a fine-dining establishment.

Required Materials: ③ A digital camera or camera phone ③ Ingredients and tools to make a simple food dish of student's choice ③ Stove/grill/oven/microwave

### **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 & CHALLENGES\***

The Social Problems II 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.

### **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.

### **VETERINARY SCIENCE: THE CARE OF ANIMALS\***

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

### **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.