



**WALLENPAUPACK AREA HIGH
SCHOOL
COURSE SELECTION GUIDE
2022-2023**

The Wallenpaupack Area School District does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the non-discrimination policies. Mr. Keith Gunuskey, Superintendent, 2552 Rt. 6, Hawley, PA, 18428. Telephone-570-226-4557.

Note from the Principal

Scheduling changes and deadlines

Course selection is a critical step in the academic process. Course selection should be done slowly, thoughtfully, and carefully after realistic self-evaluation and considerable dialogue with your teachers, your counselors, and your parents/guardians. The Wallenpaupack Area staff believes that accepting responsibility for decisions is an integral part of the educational and learning process. Accordingly, high school students must learn to be responsible for all decisions concerning course selection. For this reason, students will be held responsible for all decisions regarding choice of courses. No schedule changes will be approved after **Friday, June 17, 2022**. Please note this important deadline which pertains to semester 2 schedules as well as semester 1.

Jim Kane
High School Principal
Wallenpaupack Area High School

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Wallenpaupack Area School District

Wallenpaupack Area High School is located in the Pocono Mountains of Northeastern Pennsylvania on US Route 6, one mile east of the town of Hawley. Principal routes of access to the Lake Wallenpaupack region are US Interstate 84, US Route 6 and PA Routes 402, 590 and 507. The school district is located in a predominantly rural setting, drawing its students from a 352 square mile area.

Formerly a region of small manufacturing, canal transport, lumbering and farming, the present focal point of the area's economic life is Lake Wallenpaupack with its related resort and vacation enterprises.

The Wallenpaupack Area High School serves a student population of approximately 930 students in grades 9, 10, 11 and 12, and employs 100 faculty members. Wallenpaupack Area High School is fully accredited by the Middle States Association of Colleges and Schools, Commission of Secondary Schools.

Curriculum options available include college preparatory and career programs of study. Support programs such as a math tutoring lab, English lab and computer labs are available to all students desiring assistance. Special education programs meet the needs of classified students. Co-curricular activities at the high school include the following:

Co-Curricular Activities

Ambassador	Marching Band
Art Club	National Honor Society
Astronomy Club	Paupack United
Aviation Club	Pit Orchestra
Band Front	Rachel's Challenge
Chamber Choir	S.A.D.D.
Chess Club	Scholastic Team
Concert Band	Science Olympiad
Drama Club	Show Choir
Environmental Club	Skills U.S.A.
Family, Career & Community Leaders of America (FCCLA)	Stage Crew
First Responder Club	Student Council
Foreign Language Club	Technology Club
Future Business Leaders of America (FBLA)	Video Club
Guitar Club	Vocal Music
High Performance Club	Volunteers in Paupack
Instrumental Music	WAHS Players
Jazz Band	Wind Ensemble
Literary Magazine	Weight Training
Local History Club	Yearbook

Interscholastic Sports

Baseball	Football	Tennis – Boys
Basketball – Boys	Golf – Boys	Tennis - Girls
Basketball - Girls	Golf – Girls	Track & Field – Boys
Cheerleading	Soccer – Boys	Track & Field - Girls
Competitive Spirit	Soccer - Girls	Wrestling - Boys
Cross Country – Boys	Softball	Wrestling - Girls
Cross Country - Girls	Swimming – Boys	Unified Bocce
Field Hockey	Swimming - Girls	Unified Track & Field

Planning Your Future

Graduation Requirements

A student must acquire a minimum of 27 credits to graduate. These credits must include the following:

- English 4 credits
- Math 4 credits (only one credit given for Algebra I A/B)
- Social Studies 4 credits
- Science 3 credits
- Technology and Careers
 - Freshman Seminar 0.5 credit required for all freshmen
 - Sophomore Seminar 0.5 credit required for all sophomores
 - Junior Seminar 0.5 credit required for all juniors
 - Senior Seminar 0.5 credit required for all seniors
 - Senior Seminar requirement is fulfilled if you take Consumer Math
- Physical Education and Health/Driver Education
 - 4 classes (one required each year, 0.5 credit each)
- Electives
 - 8 credits

WAHS students, including those in WVA, (Wallenpaupack Virtual Academy), may take a total of 8 credits in a school year, no more.

Graduation Pathways

[Act 158 of 2018](#) (Act 158), signed into law by Governor Tom Wolf on October 24, 2018, provides alternatives to Pennsylvania's statewide requirement of attaining proficiency on the three end-of-course Keystone Exams (Algebra I, Literature, and Biology) for a student to achieve statewide graduation requirements.

Effective with the graduating class of 2023, students have the option to demonstrate postsecondary preparedness through one of four additional pathways that more fully illustrate college, career, and community readiness. Keystone Exams will continue as the statewide assessment Pennsylvania uses to comply with accountability requirements set forth in the federal Every Student Succeeds Act (ESSA). Although students will no longer be required to achieve proficiency on the Keystone Exams to meet the statewide graduation requirement, students must take the Keystone Exams for purposes of federal accountability. Failure to do so will affect a Local Education Agency (LEA) and school's participation rate.

Keystone Proficiency Pathway - students who achieve proficient or advanced scores in the three (3) Keystone Exams administered after a Keystone triggered course.

- These exams include Algebra, Literature & Biology. After completion of the Keystone Exams, students who do not earn proficiency on all three keystone exams have additional pathways to achieve this graduation requirement.

Keystone Composite Pathway - students who earn a combined score of at least 4452 on all three exams.

- Students with this minimum combined score must earn at least one proficiency & cannot earn below basic for any of the three Keystone Exams.

Additional Graduation Pathway Options:

CTE Pathway - students who participate in one of our eight Career and Technical Education Programs and are likely to succeed in the industry-based competency assessment such as the NOCTI.

Alternative Assessment Pathway - students who earn a qualifying score on an alternative assessment. Qualifying scores and assessments include:

- [PSAT/NMSQT](#)
 - Score of 970+
 - Measures knowledge in the areas of math & evidence based reading & writing
 - WAHS administers the PSAT/NMSQT in October to all students in grades 10 & 11
- [ASVAB](#)
 - Score of 31+
 - A Career Aptitude Test
 - Consists of 8 subtests: general science, word knowledge, arithmetic reasoning, paragraph comprehension, mathematics knowledge, electronics information, auto & shop information, & mechanical comprehension.
 - Not a commitment or obligation to a future within the military.
- [SAT](#)
 - Score of 1010+
 - A scholastic aptitude test utilized to measure college & career readiness.
 - Measures knowledge in the areas of math & evidence-based reading & writing.
- [ACT](#)
 - Score of 21+
 - An aptitude utilized to measure college & career readiness.
 - Measures knowledge in the areas of math, reading, writing & science.

Evidence Based Pathway - outlined in the Graduation Pathways Graphic below.

- [Graduation Pathways Graphic](#)

More detailed information regarding the graduation pathways is available on the [Department of Education Website](#). Additionally, a graduation pathways chart is below. Contact your counselor with any questions.

Keystone

Beginning with the graduating class of 2023, students will be required to demonstrate proficiency in end-of-course Algebra I, Literature, and Biology Keystone Exams to graduate.

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Steps to Follow

Entrance into high school is an important step. You will have many important choices to make regarding course selection. Here are some suggested steps for you to follow:

Think carefully of your interests, activities, and goals. Learn about different careers to find out what high school subjects will best prepare you for your choice. Study our high school course offerings. Consult your school counselor, your teachers and your parents. Read everything and ask questions before you make your decisions.

As you complete 9th grade, evaluate your current high school program to determine:

- Are you finding the courses too difficult or too easy?
- If you plan to go to college, are your courses those recommended for admission to many of the colleges?

- Take the PSAT.
- Access Smart Futures for career information.
- Attend College and Career Planning Night in January.
- Remember, the final grades for 9th grade become a part of your permanent record and are sent to colleges and employers upon your request.
- If necessary, consider selecting a different program of study for your sophomore year.

In the **10th** grade:

- Continue your career by reading, consulting your school counselor, and talking to people who are already working in that field.
- Access Smart Futures for career information - www.smartfutures.org
- If you plan to go to college, take the PSAT/NMSQT Test is administered in October.
- Job Shadowing

In the **11th** grade:

- If you plan to work after graduating, attempt to get a summer job in the area of your interest to give you some experience and make you more employable.
- Access Smart Futures for career information.
- If you plan to join the Armed Services, read the service material in the guidance office, take the Armed Services Vocational Aptitude Battery Test (ASVAB) and speak with recruiters when they come to school. There is no commitment for students taking the test.
- If you are considering college (including trade and technical, nursing or business schools,) take time to speak with the appropriate representative when they come to school or during virtual visits.
- If you hope to attend one of the Service Academies or enroll in a ROTC scholarship program, you should plan to initiate the entrance process by the spring of your junior year.
- Access school, college, and military information on-line. In the spring and summer contact the colleges for information and visit the campuses with your parents.
- Take the PSAT/NMSQT Test in October and the SAT Test or ACT Tests in the spring.
- Reevaluate your goals and your progress toward accomplishing these goals.
- Meet with your school or college and career counselor to discuss your plans.
- Job shadowing

In the **12th** grade:

- Schedule an appointment with your school or college and career counselor to discuss your plans and answer your questions. The counselors are here to assist you; however, the decisions concerning your life plans and the courses you take to accomplish these plans are yours and your parents.
- Access Smart Futures for career information.
- If you are college-bound, take the tests you need and send applications in on the schedules set up by the individual colleges.
- If you are planning to join the Armed Services, follow the schedule set up by the recruiter.
- Be sure to complete the high school forms required to send your transcript (high school record) to the colleges or program to which you are applying.
- If you plan to work, visit the Employment Office, and listen to all school announcements for possible employment opportunities.
- Financial aid for higher education is available from many sources in the form of grants, loans, scholarships, and work-study programs. Application procedures for these programs vary, but FAFSA and PHEAA start in October. Check the Guidance Section of the high school webpage.
- Please visit our website, www.wallenzaupack.org - (high school-guidance-scholarships) for information on financial aid and scholarships. If you do not have internet access, a hard copy is available upon request.
- Job shadowing/internships
- Listen to announcements for job opportunities

College Admissions Test Information

Many colleges and universities require that the applicant take the Scholastic Achievement Test (SAT Reasoning Test) or the ACT (American College Testing); while other tests are optional. Each college requiring admissions tests will indicate which test is preferred. The use of the scores for admission purposes varies with the college, each setting its own standard for the minimum individual scores and their relative importance in the admissions decision. The chart below provides information concerning SAT Test and ACT testing programs as well as the SAT Subject Test, a series of separate subject area tests required by some colleges. www.fairtest.org provides a list of colleges at which the submission of SAT or ACT scores is not required.

The PSAT 8/9 will be administered to each student in the fall of his/her freshman year. The results of this test will be made available to parents at Freshman College/Career Planning Night. All juniors and sophomores will take the PSAT in October. The results of these tests include a skill diagnosis and feedback report targeting the student's areas of weakness. Students may choose to take the SAT prep elective, attend after-school prep offerings, or may get help during study halls. The Guidance Department recommends that college bound juniors take the SAT Test in March and/or June of their junior year. It is recommended that a student take the test twice.

To improve SAT/ACT scores, students can:

- Take the PSAT in both the sophomore and junior year
- Take advantage of SAT prep offerings – SAT elective course, after school or evening program
- Access College Boards and utilize Khan Academy to practice areas of weakness

Test	When Taken	Content	WAHS Test Dates
PSAT/NMSQT	October – Grades 9, 10, & 11	Verbal Math Writing	October
ACT	April - Grade 11 October - Grade 12	English 25% Math 25% Reading 25% Science Reasoning 25%	
SAT Reasoning Test	March - Grade 11 June - Grade 11 October – Grade 12	Evidence based Reading- Writing (writing optional) Math	June - Grade 11 October – Grade 12

Registration materials are available in the GUIDANCE OFFICE or online.

Reporting SAT/ACT Scores

SAT/ACT scores reported to the high school will be included on the student transcript. Students choosing not to have scores reported on transcripts must contact the guidance office. Some colleges will only accept SAT scores directly from College Board. To sign up go to collegeboard.org.

Please contact the high school Guidance Office at 226-4557 ext.: 3049 if you have questions regarding this policy.

****Please note that you must include Wallenpaupack Area High School code (#391710) when you take your SAT/ACT in order for us to receive your scores.**

NCAA Academic Standards

Students who wish to participate in athletics as a freshman in college must meet NCAA academic standards. Students must apply for NCAA certification before graduation. For information regarding these standards and the application procedure, see your counselor or visit www.ncaa.org on-line.

DIVISION I	DIVISION II
16 Core Courses:	16 Core Courses
4 years of English	3 years of English
3 years of Mathematics (Algebra I or higher)	2 years of Mathematics (Algebra I or higher)
2 years of Natural/Physical science (1 year of lab if offered by high school)	2 years of Natural/Physical Science (1 year of lab if offered by high school)
1 year of additional English, Mathematics or Natural/Physical science	3 years of additional English, Mathematics or Natural/Physical science
2 years of Social Science	2 years of Social Science
4 years of additional courses (from any area above, Foreign Language or comparative religion/philosophy)	4 years of additional courses (from any area above, Foreign Language or comparative religion/philosophy)

CORE COURSES

- NCAA Divisions I and II require 16 core courses.
- NCAA Division I require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements. These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.
- It is possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10-course requirement but would not be able to compete during their first year.

If you have any questions about NCAA eligibility, please call the NCAA initial-eligibility clearinghouse toll-free at 877-262-1492. You may also call the NCAA at 317-917-6222.

Accelerated Graduation/Senior Early Dismissal

Seniors who have completed all courses required for graduation and have scored proficient or advanced on the state assessments may graduate at the end of the fall semester. Seniors will be required to schedule a minimum of 3.5 credits for the fall semester. During the spring semester seniors may elect to schedule only those courses required for graduation and then be dismissed early. Students are responsible for their own transportation. Requests for participation in the accelerated graduation program must have age-appropriate parental approval and will be processed on space available basis. Course availability and class size limitations may require students to schedule courses in the spring semester. Yearlong part time attendance will not be permitted.

Program participants:

- Must have scored proficient or advanced on the state assessments.
- May not leave before the end of the first semester.
- Must accept responsibility for meeting graduation requirements. Students who schedule the exact number of credits needed to graduate and then fail a course will not graduate and will not participate in Baccalaureate and Commencement.
- Are responsible for obtaining information on scholarship opportunities and commencement.
- Must schedule 3.5 credits in order to participate in spring co-curricular activities.
- Must schedule 2.5 credits to continue Social Security student benefit eligibility.
- Must attend all graduation practices.

- Must leave school grounds at the close of scheduled classes unless given permission to remain by an administrator.
- Must demonstrate continued good citizenship during the spring semester preceding graduation as determined by the school administration or participation in commencement ceremonies may be denied.

Dual Enrollment Program

Wallenpaupack Area High School has been approved by the Pennsylvania Department of Education (PDE) to partner with eligible colleges and universities to offer high school seniors and juniors the chance to earn college credit, at reduced cost, while completing their high school requirements. Students are responsible for all tuition and fees. See your school counselor for more information.

Request for Records

In order to meet deadlines, forms to be completed by guidance counselors and teachers must be submitted at least **2 weeks in advance of due dates**.

WAHS Academic Grading Key

Pennsylvania Proficiency Level	Numeric Value
Advanced	100-90
Proficient	89-67
Basic (Failing)	66-65
Below Basic	<65
	I (incomplete)
	P (passing)
	M (medical)
	NC (no credit)

Report Cards and Power School Monitoring

The school year is divided into two semesters of eighteen (18) weeks duration and report cards are issued at the end of each nine weeks. Students and parents have a password for the Power School portal and can monitor progress and grades of student at any time.

Incomplete Grades

It is the students' responsibility to coordinate with their teacher to make up their assignments within five (5) school days. If incompletes are not made up in this time frame that class will not count toward class rank, honor roll or GPA. **Students with incompletes for a course are not eligible for honor roll or NHS.**

Promotion

Students are responsible for tracking their progress toward graduation. The minimum number of credits required for graduation is 27; therefore, students should be acquiring a minimum of 7 credits or a maximum of 8 credits per year. Students must reschedule failed required courses until successfully completed.

In the senior year, students will be retained until they meet the minimum graduation requirement of 27 credits as specified on page 2. Students who are not eligible for graduation will not be eligible to participate in senior class activities.

Summer School

If a student has failed a course and an approved summer school course is available, the student is allowed to take the course for credit if he has a grade of 55 or above and/ or administrative approval. Failing marks may be raised to a "67" by successful completion of an approved summer school course. Summer school courses are weighted standard challenge for GPA purposes.

Course Weighting, NGA, and GPA

Numeric Grade Average (NGA) is based on a 100-point scale and will be weighted when reported on Transcripts. The NGA will also be used in deciding Decile Class Standing.

Weighting of Courses are as follows:

	Raw Score	Value Added	Weighted Score
Standard Challenge	100	+0	100
College and Career	100	+2.5	102.5
Honors	100	+7.5	107.5
Advanced Placement	100	+10	110

Grade Point Average (GPA) is based on a weighted 4.5 scale as follows:

	Raw Score	Value Added	Weighted Score
Standard Challenge	100	+0	4.5
College and Career	100	+0.25	4.75
Honors	100	+0.75	5.25
Advanced Placement	100	+1.0	5.5

Unweighted GPA based on a 4.0 is available upon request.

Students' class standing will be reported in Decile form on Transcript, College Forms, and Scholarships as follows:

- Top 10%
- Top 20%
- Top 30%
- Continuing in 10% increments

Additional Information concerning weight of courses and calculation can be obtained in the Guidance Office.

Honor Roll

The honor roll is posted at the end of each semester and is based on the final grades from that semester. To qualify for high honors, the student must attain a 96.0000% average or higher. To qualify for honors, an 86.0000% average is required. Both percentages must be met without rounding. **Students with incompletes or No credit (NC) for a course are not eligible for honor roll or NHS.**

National Honor Society

The National Honor Society chapter of Wallenpaupack Area High School is a duly chartered and affiliated chapter of this prestigious national organization. Membership is open to those students who meet the required standards in four areas of evaluation (pillars): scholarship, service, leadership, and character. **Students in grades 10, 11, and 12 are eligible for membership at the beginning of each school year. For the scholarship criterion, a student must have a cumulative weighted average of 90.0000% or higher.**

Each fall, those students who meet this criterion are invited to complete a Candidate Application that provides the faculty council with information regarding the candidate's leadership and service. Students are required to be involved in at least one leadership role in the school or outside community and must be a member of at least two extracurricular school activities. To evaluate a candidate's character, the faculty council uses two forms of input. First, school disciplinary records are reviewed. Second, members of the

faculty are solicited for input regarding their professional reflections on a candidate's service activities, character, and leadership.

Any solicited faculty input and all Candidate Applications are carefully reviewed by the faculty council to determine membership. A majority vote of the council is necessary for selection. Candidates are notified regarding selection or non-selection.

Following notification and completion of at least 12 community service hours, a formal induction is held at school in May to recognize all members. Once inducted, members are required to maintain the same level of performance (or better) in all four criteria that led to their selection.

Being a member of the National Honor Society is not an inherent right to any student. The following outlines discipline and dismissal procedures.

- If a member's weighted average falls below the required 90.0000%, they will be placed on probation for one semester. Parents and students will be notified via phone call and postal mail. If the student does not bring their average above the required 90.0000% in this time frame, automatic dismissal without reentry will occur.
- If a student does not meet the required 12 community service hours by the last Friday in April, automatic dismissal will occur. Students should check their school e-mail for community service opportunities. At the end of each month, an updated list of current hours documented by the advisor will be emailed to all members.
- School faculty will be solicited regularly to ensure students satisfactorily adhere to the four pillars. If a student's character is questionable, a meeting with the student and advisor will occur. Parents will be notified by a phone call and a postal letter. Additional hearings may be necessary if a behavior is recurring which may result in dismissal.
- If a student is subject to disciplinary action, a meeting with the student, student's parent or guardian and members of the faculty council will occur. The student may be dismissed entirely or put on probation with stipulations (such as completing additional service hours). Once a student is dismissed, for academic or disciplinary reasons, that student will no longer be eligible for National Honor Society. If a suspension does not lead to an informal hearing, a student may plead their case for probation. If a suspension does lead to an informal hearing, membership in the National Honor Society will be revoked.

Scheduling Options

To assist students in organizing their high school educational plans, brief descriptions of available programs of study are listed below.

Career and Technical Education

What is career and technical education? CTE has a long and rich history in the United States. Today's CTE has evolved from a limited number of vocational programs available at the turn of the 20th century into a broad system that encompasses a variety of challenging fields in diverse subject areas which are constantly evolving due to the changing global economy.

Today's CTE provides students:

- Academic subject matter taught with relevance to the real world
- Employability skills, from job-related skills to workplace ethics
- Career pathways that link secondary and postsecondary education
- Second-chance education and training
- Education for additional training and degrees, especially related to workplace training, skills upgrades, and career advancement

Programs of Study

- Prepare high school graduates for postsecondary education, apprenticeships, or entry into the workforce in their career related field.
- Identify relevant secondary academic and technical courses required for postsecondary enrollment and/or entry into the workforce.
- Align with postsecondary options and offer college credit for specific high school academic and

technical courses.

- Recognize schools that meet academic and technical program benchmarks.
- Prepare all career and technical programs to align with the Pennsylvania High Priority Occupations that support family-sustaining wages.
- Focus on preparing students with industry certifications and high-level STEM (science, technology, engineering, and math) skills.

Programs of Study (POS) are designed to provide students with the recommended academic and technical courses needed for employment in a Pennsylvania High Priority Occupation. Students may choose from the following Programs of Study beginning in their sophomore year:

- Allied Health
- Automotive Technology
- Building Construction Trades
- Child Care Services
- Culinary Arts
- Engineering Technologies
- Exercise Science and Sports Medicine
- Protective Services

Students must take the appropriate Introduction course. Upon completion of the course, the teacher will complete the CTE Recommendation Form. The form will be submitted to the freshman guidance counselor and Dr. Mark Watson.

SOAR

SOAR (Students Occupationally and Academically Ready) is built on programs of study which incorporate secondary education and postsecondary education elements including coherent and rigorous content aligned with challenging academic standards and relevant career and technical content. These career and technical programs of study includes statewide articulation agreement partnership between secondary schools and postsecondary institutions.

Benefits of SOAR:

- Saving Money on College Tuition
- Saving Time by Shortening College Attendance
- Getting on the Right Career pathway
- Entering the Job Market Ready
- Getting a Consistent Education

College and Career Ready

College and Career Ready (CCR) means that students graduate from high school prepared to enter and succeed in postsecondary opportunities—whether college, university, or career—without need for remediation. To be College and Career Ready, students must graduate with the knowledge, skills, and dispositions necessary to succeed.

The content knowledge and skills high school graduates must possess in academic courses includes, but is not limited to, reading, writing communications, teamwork, critical thinking, and problem solving. College and Career Ready (CCR) courses are developed to strengthen content knowledge through the application of learning to problem solving contexts.

Honors

Honors courses provide students with the same set of skills that Career and College Ready courses do only at a more rigorous pace.

Advanced Placement

Our twelve Advanced Placement courses are based on curricula developed by the College Entrance Examination Board. Such courses are introductory college level courses which may enable students to receive college credit upon successfully passing the College Entrance Examination Board Advanced Placement Examination. All students are required to take the Advanced Placement Exam in May. If a student does not take the Advanced Placement exam in an Advanced Placement course, the course weight will change from AP to honors weight.

Course Selection Information

****Course description booklets are available on-line.**

Each year you should meet with your counselor to review your credits, discuss your plans and help you decide which courses to take. Each student receives a course request form to be signed by a parent/guardian. It is understood that if this form is not returned with a parental signature by the due date, parental permission is assumed.

The high school day is divided into four (4) blocks of eighty-four (84) minutes each. All courses are scheduled for 18 weeks (1 semester) with the exception of Band, Concert Choir, Freshman Band, Freshman Choir, US History II, English 9, Advanced Placement courses and all career and technical education courses. A full credit (1) is given to a course which meets 5 days a week. A half credit (.5) is given to a course which meets every other day for one semester.

- All students in grades 9, 10 and 11 must schedule a minimum of three and a half (3 ½) blocks each semester. Please note: students planning to graduate early should schedule 4 blocks each semester.
- All students in Grade 12 must schedule 3 ½ blocks during semester one.
- Seniors who opt to take advantage of accelerated graduation are permitted to schedule only those credits needed to fulfill the graduation requirement during semester two.
- A student may repeat a course to improve understanding of the material or to raise a grade but will not receive a second credit if credit was awarded for the first time the course was taken.
- While every effort will be made to honor student course requests, the placement of individual classes may be changed by the school administration to meet scheduling demands.
- Some courses listed in the Course Selection Guide may not be offered due to lack of sufficient student requests.
- Courses dropped, with administrative approval, will result in a "0" for the course.

*Students in grades 9, 10, 11 or their parents may not request schedule changes after June 17, 2022.
This pertains to semester 2 schedules as well as semester 1 schedules
Seniors may change semester 2 schedules until January 13, 2023.
Counselors will adjust schedules in the event of course failures.*

Career Academies at Wallenpaupack Area High School

Career Academies consist of small learning communities that aim to create a more personalized and supportive learning environment for students and teachers. They combine academic and career-related courses to enhance both the rigor and the relevance of the high school curriculum. Career Academies form partnerships with local employers to expand students' exposure to career options and skills requirements and to provide them with work-based learning experiences. The primary goals of the Career Academy approach are to enhance students' engagement and performance in high school and provide them with the credentials and skills needed to make successful transitions to post-secondary education and, eventually, a career.

https://www.mdrc.org/sites/default/files/Career_Academies_Impacts_on_Students.pdf

Freshman Academy

The Freshman Academy is focused on the alignment of individual strengths and interests to broad career fields. The Freshman Academy emphasizes strengthening the foundational literacy, numeracy, and problem-solving skills that enhance the application of knowledge to unknown contexts through engaging classroom experiences. Each freshman participates in a Seminar Course designed to bolster their academic literacy, and to develop a Career and Education Plan (10-year plan beginning in 10th grade). This plan assists freshmen in scheduling into a pathway beginning in 10th grade.

10th - 12th Grade Academies

Academy 1

Automotive Technology*
Building Construction Trades*
Conservation and the Environment
Liberal Arts
Visual Fine Arts

Academy 2

Education, Child Care, and Human Services*
Exercise Science and Sports Medicine*
Allied Health*
Protective Services*

Academy 3

Aviation
Business, Marketing, and Finance
Computer Science and Programming
Culinary Arts*
Engineering*

*Indicates an established Career and Technical Education Program

Academy 1

Automotive Technology Pathway

Careers in the maintenance, repair, and enhancement of automobiles and other types of vehicles. Certificates in automotive technology offer an array of options for interested students. Automotive technology programs include courses on service and maintenance, mechanical design, collision science, alternative fuel systems, shipping logistics, and more. Studying in the automotive technology pathway is a step toward a variety of careers, which may include (but are not limited to):

- Automotive Service Technician
- Automotive Mechanic
- Diesel Engine Specialist
- Electronic Equipment Installer
- Motorcycle Mechanic
- Motorboat Service Technician
- Manager
- Researcher
- Salesperson
- Automotive Technology Specialist

Completer: To fulfill completer requirements, students must complete the courses as described below within their pathway, in addition to the regular graduation requirements:

- Introduction to Automotive Technology & Building Construction (0.5 credit) (Grade 9)
- Automotive Technology I (2 credits) (Grade 10)
- Automotive Technology II (2 credits) (Grade 11)
- Automotive Technology III (2 credits) (Grade 12)
- English 11 - Embedded Course (1 credit) (Grade 11)
- CTE Consumer Math – Embedded Course (1 credit) (Grade 12)

Recommended Automotive Pathway Courses:

- Engineering & Design (1 credit) (Grades 10, 11, 12) - *Pre-requisite: Intro to Technology and Engineering
- Robotics (1 credit) (Grades 10, 11, 12)
- Small Engine Technology (1 credit) (Grades 11, 12)

Certifications Available for Completers in the Automotive Pathway:

- Certified Automotive Information Specialist (CAIS) – AllData
- Snap-On Digital VOA Meter Certification – NC3/Snap-On
- Valvoline Motor Oil 101 Certification – Valvoline
- PA Vehicle Safety Inspection Certification – PennDOT

Building Construction Trades Pathway

Careers in managing, building, and maintaining the built environment. Skilled construction workers help build office buildings, homes, schools, roads, bridges, factories, and other structures. The main construction sectors include new home building and renovation, heavy industrial construction, institutional and commercial construction, and civil engineering construction. Careers may include (but are not limited to):

- Brickmason
- Carpenter
- Construction Manager
- Electrician
- Pipelayer
- Plumber
- Solar Energy Installation Manager
- Stonemason

Completer: To fulfill completer requirements, students must complete the courses as described below within their pathway, in addition to the regular graduation requirements:

- Introduction to Automotive Technology & Building Construction (0.5 credit) Grade 9
- Building Construction I (2 credits) (Grade 10)
- Building Construction II (2 credits) (Grade 11)
- Building Construction III (2 credits) (Grade 12)
- English 11 British World Lit – Embedded course (1 credit) (Grade 11)
- CTE Consumer Math – Embedded course (1 credit) (Grade 12)

Recommended Building Construction Pathway Courses:

- Home Maintenance & Repair (1 credit) (Grades 11, 12)
- Residential Architecture (1 credit) (Grades 10, 11, 12)
- Engineering & Design (1 credit) (Grades 10, 11, 12) - *Pre-requisite: Intro to Technology and Engineering
- Basic Drawing (0.5 credit) (Grades 9, 10, 11, 12)

Conservation and Environment Pathway

Careers in protecting, preserving, and enhancing our natural resources. Further, studies in conservation and the environment can help prepare students for careers in agriculture, public service, law enforcement, and business. Careers may include (but are not limited to):

- | | |
|--|--|
| <ul style="list-style-type: none"> – Oceanographers – Meteorologists – Microbiologists – Soil and Plant Scientists | <ul style="list-style-type: none"> – Ecologists – Wildlife Managers – Zoologists – Horticulturists |
|--|--|

Completer: To fulfill completer requirements, students must complete the courses as described below within their pathway, in addition to the regular graduation requirements:

- Introduction to Conservation and the Environment (0.5 credit) (Grade 9)
- Issues in Environmental Science I (1 credit) (Grades 11, 12)
- Chemistry I (1 credit) (Grades 10, 11, 12)
- Physics I (1 credit) (Grades 10, 11, 12)
- Diversity of Life (1 credit) (Grades 11, 12)
- Issues in Environmental Science II (1 credit) (Grades 11, 12)
- Choose at least 1 credit worth of courses from the list of recommended courses for your pathway (1 credit minimum)

Recommended Conservation and Environment Pathway Courses:

- Chemistry II (1 credit) (Grades 10, 11, 12)
- AP Biology (1.5 credits) (Grades 11, 12)
- Physics II (1 credit) (Grades 10, 11, 12)
- AP Chemistry (1.5 credits) (Grades 11, 12)
- Foreign language (Spanish, French, German) (1 credit) (Grades 9, 10, 11, 12)
- Modern American Government (1 credit) (Grades 11, 12)
- Residential Architecture (1 credit) (Grades 10, 11, 12)
- Earth Space Science (1 credit) (Grades 10, 11, 12)

Liberal Arts Pathway

Careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, and entertainment services. A broad overview of the arts, sciences, and humanities, including languages, music, English, anthropology, history, psychology, math, political science, or many other disciplines. Careers may include (but are not limited to):

- | | |
|---------------------|----------------------------------|
| ➤ Museum Curator | ➤ Animator |
| ➤ Technical Writer | ➤ Digital Illustrator |
| ➤ Producer | ➤ Sculptor |
| ➤ Photographer | ➤ Illustrator |
| ➤ Music Director | ➤ Medical Illustrator |
| ➤ Film/Video Editor | ➤ Set Designer |
| ➤ Painter | ➤ Commercial/Industrial Designer |
| ➤ Composer | ➤ Radio/Television Announcer |
| ➤ Graphic Designer | ➤ Technical Director |

Journalist Completer: To be a completer in the Fine and Liberal Arts Pathway, a student must select a focus within the pathway. There are 6 areas of focus within the Liberal Arts Pathway.

1. Liberal Arts
2. Music Performance
3. Theatre
4. Video Production
5. Visual Arts
6. Journalism and Media

In addition to the regular graduation requirements, students must complete the courses as described below within their selected focus.

Liberal Arts Focus: Students will work with their counselor to select 6.5 credits of coursework in the subject areas of English, History, and Foreign Language based on their interests.

Music Performance Focus: A student must take all of the courses listed below to be a completer in the Music Performance Focused Pathway:

- Music Appreciation (0.5 credit) (Grades 9, 10, 11, 12)
- Music Theory (1 credit) (Grades 10, 11, 12)
- AP Music Theory (1 credit) (Grade 12)
- Band and/or Chorus (1 credit per year/up to 4 credits) (Grades 9, 10, 11, 12)
- Number of additional credits to be selected from list of Recommended Pathway Courses will vary depending on how many years a student takes Band and/or Chorus. 6.5 total credits are required to be a completer in this focused pathway.

Theatre Focus: A student must take all of the courses listed below to be a completer in the Theatre Focused Pathway:

- Introduction to Theatre (0.5 credit) (Grades 9, 10, 11, 12)
- Intermediate Theatre (1 credit) (Grades 10, 11, 12)
- Advanced Theatre I (1 credit) (Grades 11, 12)

- Advanced Theatre II (1 credit) (Grades 11, 12)
- Choose at least 3 credits worth of courses from the list of recommended courses for your pathway (3 credit minimum)

Journalism and Media Focus: A student must take all of the courses listed below to be a completer in the Journalism and Media Pathway.

- Introduction to Visual Arts (1 credit) (Grades 9,10,11,12)
- Introduction to Journalism (.5 credit) (Grades 9,10,11,12)
- Video Production I (1 credit) (Grades 9,10,11)
- Photography I (1 credit) (Grades 10,11,12)
- Social Media (22-23 school year)
- Photoshop Basics (0.5 credit) (Grades 9,10,11,12)
- Choose at least 1.5 credits worth of courses from the list of recommended courses for your pathway (1.5 credits minimum)

Visual Arts Focus: A student must take all of the courses listed below to be a completer in the Visual Arts Focused Pathway.

- Introduction to Visual Arts (1 credit) (Grades 9, 10, 11, 12)
- Fine Arts I (1 credit) (Grades 9, 10, 11, 12)
- Fine Arts II or Independent Fine Art (1 credit) (Grades 11, 12)
- Photography I (1 credit) (Grades 10, 11, 12)
- Graphic Design Technology (1 credit) (Grades 11, 12)

Choose at least 1.5 credits worth of courses from the list of recommended courses for your pathway (1.5 credits minimum)

Visual Fine Arts Pathway

Careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, and entertainment services. A broad overview of the arts, sciences, and humanities, including languages, music, English, anthropology, history, psychology, math, political science, or many other disciplines. Careers may include (but are not limited to):

- | | |
|-----------------------|----------------------------------|
| ➤ Technical Writer | ➤ Film/Video Editor |
| ➤ Producer | ➤ Illustrator Sculptor |
| ➤ Photographer | ➤ Medical Illustrator |
| ➤ Music Director | ➤ Set Designer |
| ➤ Painter | ➤ Commercial/Industrial Designer |
| ➤ Composer | ➤ Radio/Television Announcer |
| ➤ Graphic Designer | ➤ Technical Director |
| ➤ Animator | ➤ Museum Curator |
| ➤ Digital Illustrator | ➤ Journalist |

Completer: To be a completer in the Fine and Liberal Arts Pathway, a student must select a focus within the pathway. There are 4 areas of focus within the Visual Fine Arts Pathway.

In addition to the regular graduation requirements, students must complete the courses as described below within their selected focus.

1. Visual Art 2d (painting, drawing, printmaking)
2. Visual Art 2d (sculpture, ceramics)
3. Graphic Design
4. Video Production

Visual Arts 2d Focus: A student must take all of the courses listed below to be a completer in the Visual Arts Focused Pathway.

- Introduction to Visual Arts (1 credit) (Grades 9, 10, 11, 12)
- Fine Arts I (1 credit) (Grades 9, 10, 11, 12)
- Fine Arts II or Independent Fine Art (1 credit) (Grades 11, 12)
- Photography I (1 credit) (Grades 10, 11, 12)
- AP Studio Art: Drawing (1 credit) (Grades 11, 12)
- Independent Fine Arts (1 credit) (Grades 11, 12)
- Choose at least 1.5 credits worth of courses from the list of recommended courses for your pathway (1.5 credits minimum)

Visual Arts 3d Focus: A student must take all of the courses listed below to be a completer in the Visual Arts Focused Pathway.

- Introduction to Visual Arts (1 credit) (Grades 9, 10, 11, 12)
- Fine Arts I (1 credit) (Grades 9, 10, 11, 12)
- Ceramics I (0.5 credit) (Grades 10, 11, 12)
- Ceramics II (0.5 credit) (Grades 11, 12)
- Photography I (1 credit) (Grades 10, 11, 12)
- Independent Fine Arts (1 credit) (Grades 11,12)

- AP Studio Art: 3-D Design (1 credit) (Grades 11, 12)
- Choose at least 1.5 credits worth of courses from the list of recommended courses for your pathway (1.5 credits minimum)

Graphic Design Focus: A student must take all of the courses listed below to be a completer in the Visual Arts Focused Pathway.

- Introduction to Visual Arts (1 credit) (Grades 9, 10, 11, 12)
- Photography I (1 credit) (Grades 10, 11, 12)
- Illustration (0.5 credit) (Grades 10, 11, 12)
- Photoshop Basics (0.5 credit) (Grades 9, 10, 11, 12)
- Ad Design/Computer Graphics I (1 credit) (Grades 10, 11, 12)
- Ad Design/Computer Graphics II (1 credit) (Grades 11, 12)
- Choose at least 1.5 credits worth of courses from the list of recommended courses for your pathway (1.5 credits minimum)

Video Production Focus: A student must take all of the courses listed below to be a completer in the Video Production Focused Pathway:

- Introduction to Visual Arts (1 credit) (Grades 9, 10, 11, 12)
- Photography I (1 credit) (Grades 9, 10, 11, 12)
- Photoshop Basics (0.5 credit) (Grades 9, 10, 11, 12)
- Illustration (0.5 credit) (Grades 10, 11, 12)
- Video Production I (1 credit) (Grades 9, 10, 11)
- Video Production II (1 credit) (Grades 10, 11, 12)
- Video Production III (1 credit) (Grades 11, 12)
- Choose at least 1 credit worth of courses from the list of recommended courses for your pathway (1 credit minimum)

**Students will be responsible for signing out equipment while working on location and studio productions.

Recommended Courses for the Fine and Liberal Arts Pathway:

- Ad Design/Computer Graphics I (1 credit) (Grades 10, 11, 12)
- Ad Design/Computer Graphics II (1 credit) (Grades 11, 12)
- Ad Design/Computer Graphics III (1 credit) (Grades 11, 12)
- AP Music Theory (1 credit) (Grade 12)
- AP Studio Art: Drawing (1 credit) (Grades 11, 12)
- AP Studio Art: 2-D Design (1 credit) (Grades 11, 12)
- AP Studio Art: 3-D Design (1 credit) (Grades 11, 12)
- Band (1 credit) (Grades 9, 10, 11, 12)
- Band/Choir (1 credit) (Grades 9, 10, 11, 12)
- Basic Drawing (0.5 credit) (Grades 9, 10, 11, 12)
- Business Law (0.5 credit) (Grades 10, 11, 12)
- Ceramics & Sculpture I (0.5 credit) (Grades 10, 11, 12)
- Ceramics & Sculpture II (0.5 credit) (Grades 11, 12)
- Concert Choir (1 credit) (Grades 10, 11, 12)
- Creative Writing (0.5 credit) (Grades 10, 11, 12)

- Dance (0.5 credit) (Grades 9, 10, 11, 12)
- Entrepreneurship (0.5 credit) (Grades 9, 10, 11, 12)
- Fashion & Costumes Through the Ages (0.5 credit) (Grades 9, 10, 11, 12)
- Fashion & Costumes Through the Ages II (0.5 credit) (Grades 9, 10, 11, 12)
- Fiber Art (0.5 credit) (Grades 9, 10, 11, 12)
- Fine Arts I (0.5 credit) (Grades 11, 12)
- Fine Arts II (0.5 credit) (Grades 10, 11, 12)
- Illustration (0.5 credit) (Grades 10, 11, 12)
- Independent Fine Arts (1 credit) (Grades 11, 12)
- Introduction to Business (0.5 credit) (Grades 9, 10)
- Marketing (1 credit) (Grades 10, 11, 12)
- Music Theory (1 credit) (Grades 10, 11, 12)
- Musical Theatre I (0.5 credit) (Grades 9, 10, 11, 12)
- Musical Theatre II (0.5 credit) (Grades 10, 11, 12)
- Photography I (1 credit) (Grades 10, 11, 12)
- Photography II (1 credit) (Grades 11, 12)
- Photoshop Basics (0.5 credit) (Grades 9, 10, 11, 12)
- Story Theatre (0.5 credit) (Grades 10, 11, 12)
- Stunts & Action on Stage (0.5 credit) (Grades 9, 10, 11, 12)
- Technical Theatre (1 credit) (Grades 9, 10, 11, 12)
- Video Production I (1 credit) (Grades 9, 10, 11)
- Video Production II (1 credit) (Grades 10, 11)
- Video Production III (1 credit) (Grades 11, 12)
- Visual Communications (0.5 credit) Grades 9, 10, 11, 12

Academy 2

Healthcare and Medical Science Pathway

Students will learn the skills necessary for the planning and management of healthcare services, therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. They will also become knowledgeable about laboratory and testing services, and research and development services. Careers may include (but are not limited to):

- Medical Doctor
- Nurse Practitioner
- Registered Nurse
- Healthcare Administrator
- Pharmacy
- Healthcare Communications
- Biomedical Engineering
- Medical Laboratory Technology
- Occupational Therapy
- Physical Therapy
- Radiologic Technologist

Completer: To be a completer in the Healthcare and Medical Science Pathway, a student must select a focus within the pathway. There are 2 areas of focus within the Healthcare and Medical Science Pathway.

1. Allied Health
2. Medical Science

Allied Health Focus: A student must take all of the courses listed below to be a completer in the Allied Health Focused Pathway:

- Introduction to Medical Sciences (0.5 credit) (Grades 9, 10, 11, 12)
- Allied Health I (2 credits)(Grades 10,11,12)
- Allied Health II (2 credits)(Grades 11,12)
- Allied Health III (2 credits)(Grade 12)
- Chemistry I – Embedded Course (1 credit)(Grade 10,11,12)
- Anatomy and Physiology – Embedded Course (1 credit)(Grade 10,11,12)

Medical Science Focus: A student must take all of the courses listed below to be a completer in the Medical Science Focused Pathway:

- Introduction to Medical Sciences (0.5 credit) (Grades 9, 10, 11, 12)
- Chemistry I-Embedded Course (1 credit)(Grade 10, 11, 12)
- Chemistry II (1 credit)(Grade 11, 12)
- Anatomy and Physiology-Embedded Course (1 credit)(Grade 11, 12)
- AP Biology (1.5 credits)(Grade 11, 12)
- Human Growth and Development (1 credit)(Grade 10, 11, 12)

Recommended Healthcare and Medical Science Pathway Courses:

- Basic First Aid (0.5 credit) (Grade 10, 11, 12)
- Personal Fitness (0.5 credit) (Grade 10, 11, 12)
- Chemistry II (1 credit) (Grade 11, 12)
- AP Chemistry (1.5 credits) (Grade 11, 12)
- AP Biology (1.5 credits)(Grade 11, 12)

- Physics I (1 credit) (Grade 11,12)
- Introduction to Psychology (1 credit) (Grade 11,12)
- Special Project P.E. (1 credit) (Grade 11,12)
- Probability & Statistics (1 credit) (Grade 11,12)

Certifications Available for Completers in the Allied Health Focused Pathway:

When students have satisfied completer requirements, the students will be eligible for taking the necessary exams for the following certifications:

- Basic First Aid Certification (American Health & Safety Institute)
- Direct Care Staff Training Course and Competency (PA Dept. of Human Services Adult Residential Licensing)

Exercise Science and Sports Medicine Pathway

Students in this CTE program will have a better knowledge of human anatomy regarding injuries, rehabilitation, exercise science and nutrition. Careers may include (but are not limited to):

- | | |
|---|-----------------------------------|
| - Athletic Trainer | - Sports Medicine |
| - Cardiopulmonary Rehabilitation Specialist | - Physical/Occupational Therapist |
| - Dietitian/Sports Nutritionist | - Researcher |
| - Fitness Director | - Personal Trainer |
| - Exercise Physiologist | |
| - Occupational Physiologist | |

Completer: To fulfill completer requirements, students must complete the courses as described below within their pathway, in addition to regular graduation requirements:

- Introduction to Medical Sciences (0.5 credit) (Grades 9, 10, 11, 12)
- Exercise Science and Sports Medicine I (2 credits) (Grade 11, 12)
- Exercise Science and Sports Medicine II (3 credits) (Grade 12)
- Anatomy and Physiology – Embedded Course (1 credit) (Grade 10, 11, 12)

Recommended Exercise Science and Sports Medicine Pathway Courses:

- Basic First Aid (0.5 credit)(Grade 10, 11, 12)
- Chemistry I (1 credit) (Grade 11, 12)
- Chemistry II (1 credit) (Grade 11, 12)
- Physics I (1 credit) (Grade 11, 12)
- Introduction to Psychology (1 credit) (Grade 11, 12)
- Stud Fac Special Projects/Physical Ed (1 credit) (Grade 11, 12)
- Holistic Fitness (0.5 credit) (Grade 10, 11, 12)
- Probability and Statistics (1 credit) (Grade 11, 12)
- Personal Fitness (0.5 credit) (Grade 11, 12)

Certifications Available for Completers in the Exercise Science and Sports Management Pathway:

When students have satisfied completer requirements, the students will be eligible for taking the necessary exams for the following certifications:

- Basic First Aid / CPR / AED
- Blood Borne Pathogens
- OSHA Health Care

Education, Child Care and Human Services Pathway

To prepare students to excel in teacher or like human service preparation programs by enriching their high school experiences with rigorous, rich, and meaningful curricula and innovative instruction enhanced by unique business community partnerships. Students in human services learn and practice skills that prepare them for diverse post-high school education and training opportunities from apprenticeships and two-year college programs to four-year college and graduate programs.

The Education Pathway provides students with the opportunity to participate in a variety of authentic off-site learning experiences like: Career Shadowing, Mentoring, Internship, and Extended Learning Experiences, Advisory Committees, Professional and Educational Facility Tours and Service-Learning Projects.

Students in this pathway will learn the basics of planning, managing, and providing education and training services, and related learning support services and preparing individuals for employment in career pathways that relate to families and human needs such as education, early childhood education and care, counseling and mental health services, family and community services, personal care, and consumer services. Careers may include (but are not limited to):

- Behavior Therapist
- Child, Family, or School Social Worker
- Child Care Worker/ Business Owner
- Camp Counselor
- Career and College Counselor
- Director of Child Care Facility
- Elementary or Secondary Teacher
- High School Teacher
- Leisure Activities Counselor
- Parent Educator
- Personal or Home Care Aide
- Preschool Teacher
- Recreation Worker
- School Counselor
- Social Services Worker
- Sociologist
- Special Education Teacher

Completer: To be a completer in the Education, Child Care, and Human Services Pathway, a student must select a focus within the pathway. There are 3 areas of focus within the Education, Child Care and Human Services Pathway.

1. Child Care
2. Education
3. Human Services

Child Care Focus: A student must take all of the courses listed below to be a completer in the Child Care Focused Pathway:

- Introduction to Child Care (0.5 credit) (Grades 9, 10, 11, 12)
- Child Care I (2 credits) (Grades 9, 10, 11, 12)
- Child Care II (2 credits) (Grades 10, 11, 12)
- Child Care III (2 credits) (Grades 11, 12)
- CTE Consumer Math – Embedded Course (1 credit) (Grades 9, 10, 11, 12)
- English 11 British/World Lit CCR – Embedded Course (1 credit) (Grades 11, 12)

Education/Human Services Focus: A student must take all of the courses listed below to be a completer in the Education/Human Services Focused Pathway:

- Introduction to Education (0.5 credit) (Grades 9, 10, 11, 12)
- Human Growth and Development (1 credit) (Grades 10, 11, 12)
- Leadership in Schools and Community (1 credit) (Grades 9, 10, 11, 12)
- Principles of Instruction: Literacy & Numeracy (1 credit) (Grades 9, 10, 11, 12)
- Advanced Principles of Instruction: Literacy Option (or) Numeracy Option (1 credit) (Grades 9, 10, 11, 12)
- Education of Exceptional Children (1 credit) (Grades 9, 10, 11, 12)

Recommended Courses for the Education, Child Care and Human Services Pathway:

- Basic First Aid (0.5 credit) (Grades 9, 10, 11, 12)
- Introduction to Psychology (1 credit) (Grades 9, 10, 11, 12)
- Student Facilitators Special Projects/Physical Ed (0.5 credit) (Grades 9, 10, 11, 12)
- Student Facilitators Special Projects/Visuals Arts (0.5 credit) (Grades 9, 10, 11, 12)
- Student Facilitators Special Projects/ Performing Art (0.5 credit) (Grades 9, 10, 11, 12)
- Holistic Fitness (0.5 credit) (Grades 9, 10, 11, 12)
- Basic Drawing (0.5 credit) (Grades 9, 10, 11, 12)
- Probability and Statistics (1 credit) (Grades 9, 10, 11, 12)

Certifications Available for Completers in the Child Care Focused Pathway:

When students in the Childcare Focused Pathway have satisfied completer requirements, the students will be eligible for the following certifications:

- Pennsylvania Child Abuse History Certification (PA Department of Human Services)
- Pennsylvania State Police Criminal Record Check (PA State Police)
- Mandated Reporter Training (Penn State Hershey Center)
- Get Started with Center-Based Care: Building Blocks for Quality (Penn State Extension Better Kid Care)
- CDA – Ready Certificate (PA Department of Education)
- ServSafe Allergen (National Restaurant Association)
- ServSafe Food Handler (National Restaurant Association)

Protective Services Pathway

Protective services occupations typically provide services such as protecting the public against danger, fighting fires, emergency response, enforcing safety rules and regulations, crime investigations, private detective work, and much more.

Careers may include (but are not limited to):

- Fire Fighters
- Inspectors and Investigators
- Police and Sheriffs Patrol Officers
- Correctional Officers
- Fish and Game Wardens
- Transit and Railroad Police
- Animal Control Workers
- Private Detectives and Investigators
- Gaming and Surveillance Officers and Gaming Investigators
- Security Guards
- Ski Patrol, and Other Recreational Protective Service Workers
- Transportation Security Screeners
- Emergency Medical Service Providers (Paramedic, EMT, etc.)

Completer: To fulfill completer requirements, students must complete the courses as described below within their pathway, in addition to the regular graduation requirements:

- Introduction to Protective Services (0.5 credit) Grades 9, 10, 11, 12
- Protective Services I (3 credits) (Grades 10, 11, 12)
- Additional Pathway credits TBD

Recommended Courses in Protective Services Pathway:

- Basic First Aid (0.5 credit) (Grades 10, 11, 12)
- Personal Fitness (0.5 credit) (Grades 9, 10, 11, 12)
- Student Facilitators (0.5 credit) (Grades 10, 11, 12)
- Introduction to Psychology (1 credit) (Grades 11, 12)
- Chemistry I (1 credit) (Grades 10, 11, 12)
- Business Law (0.5 credit) (Grades 10, 11, 12)
- Modern American Government (1 credit) (Grades 10, 11, 12)
- Probability and Statistics (1 credit) (Grades 11, 12)

Academy 3

Aviation Pathway

The Wallenpaupack Aeronautical Science and Aviation pathway offers students an opportunity to pursue specialized curriculum in one of four career areas including Professional Pilot, Air Traffic Control, Aviation Maintenance, and Aviation Management. Coursework includes diverse curriculum closely mapped to the needs and demands of the aviation industry. The WASA objectives are to:

- Strengthen student's aviation knowledge in line with their specific area of interest.
- Provide opportunities for students to gain credentials by pursuing the Aviation area of Concentration.
- Help students craft a program of study that will make them highly competitive and marketable in the aviation industry.
- Demonstrate a connection between WASA studies and lucrative & sustainable regional employment.
- Provide students with authentic and real application of their studies.

WASA allows students to tailor their aviation studies to their own interests and career goals. Coursework is closely mapped to the career needs of the student and the demands of the aviation industry. WASA emphasizes the following skill sets in the education of its students:

- Leadership ability as demanded by today's leading aviation employers.
- Decision making aptitude to accurately and quickly assess situations and manage risk.
- Knowledge of effective resource management, human factors, and safety awareness that can be applied to many situations.

WASA graduates will be prepared to pursue one or more of the following aviation careers:

- | | |
|----------------------------------|-----------------------------------|
| - Pilot / Co-Pilot | - Airport Manager |
| - Air Traffic Controller | - Airport Engineer |
| - Aircraft Maintenance Mechanic | - Fixed Based Operator |
| - Aircraft Inspector | - Air Traffic Control Specialist |
| - Avionics Technician | - Aviation Electronics Technician |
| - Airfield Operations Specialist | - NTSB Accident Investigator |
| - Aeronautical Engineer | - Airspace System Inspector |
| - Aviation Safety Inspector | - Flight Dispatcher |
| - Flight Instructor | - Inflight supervisor |
| - Aerospace Engineer | |
| - Flight Attendant | |
| - Aerospace Program Manager | |

Completer: To fulfill **completer** requirements, students must complete the courses as described below within their pathway, in addition to the regular graduation requirements:

- Introduction to Aviation (0.5 credit) (Grade 9)

*** TO BE DETERMINED ***

Recommended WASA Program Electives:

*** TO BE DETERMINED ***

Credentials available for Completers in the WASA Program:

- Professional Pilot – When students have satisfactorily completed this pathway, they will be eligible to complete the FAA Private Pilot Written Exam.
- Air Traffic Control – When students have satisfactorily completed this pathway, they will be prepared to pursue post-secondary studies in Air Traffic Control and the FAA Air Traffic Skills Assessment exam.
- Aviation Management – When students have satisfactorily completed this pathway, they will have an opportunity to claim dual enrollment with a regional university.
- Aviation Maintenance - When students have satisfactorily completed this pathway, they will be prepared to pursue post-Secondary coursework in Aviation Maintenance as well as the FAA A&P Mechanic certificate.

Culinary Arts Pathway

Students in the Culinary Arts Pathway will learn the skills involved in food preparation and service. These skills will prepare students for careers in the culinary and hospitality field. Careers may include (but are not limited to):

- Executive Chef
- Sous Chef
- Cold Food Chef (Garde Manger)
- Research and Development Chef
- Food Scientist
- Food Truck Chef/Owner
- Hot Food Line Cook
- Banquet Chef
- Caterer
- Baker
- Pastry Chef
- Cake Artist
- Food Writer / Restaurant Critic
- Front of the House Server
- Beverage Specialist
- Front of the House Manager
- Restaurant Manager
- Institutional Food Worker (Hospitals, Colleges, Public/Private Secondary Schools, Prisons)
- Butcher
- Cheese Maker
- Specialty Take-Out / Deli Owner
- Quality Assurance Manager (high volume factories)
- Nutritionist

Completer: To fulfill **completer** requirements, students must complete the courses as described below within their pathway, in addition to the regular graduation requirements:

- Introduction to Culinary Arts (0.5 credit) (Grades 9, 10, 11, 12)
- Culinary Arts I (2 credits) (Grade 10)
- Culinary Arts II (2 credits) (Grade 11)
- Culinary Arts III (2 credits) (Grade 12)
- English 11 CTE – Embedded Course (1 credit) (Grade 11)
- CTE Consumer Math – Embedded Course (1 credit) (Grade 12)

Recommended Culinary Arts Pathway Courses:

- Spanish I, German I OR French I (1 credit) (Grades 8, 9, 10, 11, 12)
- Spanish II, German II OR French II (1 credit) (Grades 10, 11, 12)
- Entrepreneurship (0.5 credit) (Grades 9, 10, 11, 12)
- Accounting I (1 credit) (Grades 10, 11, 12)
- Visual Communications (0.5 credit) (Grades 9, 10, 11, 12)
- Foods (1 credit) (Grades 10, 11, 12)
- Cooking for Independent Living (0.5) (Grades 9, 10)
- Marketing (1 credit) (Grades 10, 11, 12)
- Food Chemistry (1 credit) (Grades 11, 12)

Certifications Available for Completers in the Culinary Arts Pathway:

When students have satisfied **completer** requirements, the students will be eligible for taking the necessary exams for the following certifications:

- ServSafe Food Handlers
- ServSafe Allergen

Engineering Technology Pathway

Students in the Engineering Pathway will learn about science and technology concerned with the design, building, and use of engines, machines, and structures. This pathway will prepare students to apply knowledge and skills in the engineering field. Instruction includes, but is not limited to safety, ethics, power, problem solving, teamwork, computer aided design, engineering graphics, automated systems, coding, robotics, fundamental electronics, 3D printing and manufacturing systems all while adhering to the STEM initiative. Careers may include (but are not limited to):

Aerospace Engineering

- | | |
|--|---|
| <ul style="list-style-type: none"> - Agricultural Engineering - Architectural Engineering - Audio Engineering - Biomedical Engineering - Chemical Engineering - Civil Engineering - Computer Engineering - Electrical Engineering - Environmental Engineering - Industrial Engineering | <ul style="list-style-type: none"> - Marine Engineering - Mechanical Engineering - Mining and Geological Engineering - Nano engineering - Nuclear Engineering - Petroleum Engineering - Software Engineering - Structural Engineering - Telecommunications Engineering - Transport Engineering - Vehicle Engineering |
|--|---|

Completer: To fulfill **completer** requirements, students must complete the courses as described below within their pathway, in addition to the regular graduation requirements:

- Exploring Technology and Engineering (0.5 credit) (Grade 9)
- Engineering Technology I (2 credits) (Grade 10)
- Engineering Technology II (2 credits) (Grade 11)
- Engineering Technology III (2 credits) (Grade 12)
- Science Fiction & Technology in Literature – Embedded Course (1 credit) (Grade 12)
- Physics I – Embedded Class (1 credit) (Grade 11)

Recommended Engineering Technology Pathway Courses:

- Residential Architecture (1 credit) (Grades 10, 11, 12)
- Robotics (1 credit) (Grades 10, 11, 12)
- Engineering and Design (1 credit) (Grades 10, 11, 12)
- Computer Programming (1 credit) (Grades 10, 11, 12)
- A+ Certification Computer Technician (1 credit) (Grades 10, 11, 12)
- Chemistry (1 credit) (Grades 10, 11, 12)
- Physics II (1 credit) (Grades 11, 12)
- AP Physics (1 credit) (Grades 11, 12)
- AP Calculus (1.5 credits) (Grade 12)
- Probability and Statistics (1 credit) (Grades 11, 12)
- Trigonometry (1 credit) (Grades 11, 12)

- Entrepreneurship (0.5 credit) (Grades 9, 10, 11 ,12)
- Basic Drawing (0.5 credit) (Grades 9, 10, 11, 12)

Certifications Available for Completers in the Engineering Technology Pathway:

When students have satisfied completer requirements, the students will be eligible for taking the necessary exams for the following certifications:

- Certified Additive Manufacturing Technician (CAM-F) Certification
- Auto Desk Certified User (Inventor) Certification

Computer and Information Technology Pathway

Students in the Computer and Information Technology Pathway will explore courses that relate to the design, development, support and management of hardware, software, multimedia, and systems integration services. Careers may include (but are not limited to):

- | | |
|--------------------------------|-------------------------------------|
| - Software Developer | - Systems Engineer (IT) |
| - Software Test Engineer (STE) | - Systems Analyst |
| - Software Engineer | - Network Administrator |
| - Programmer Analyst | - Network Engineer |
| - Systems Developer | - Business Analyst |
| - Web Developer | - Program Manager |
| - Application Support Analyst | - Information Technology Specialist |
| - Computer Systems Analyst | - Researcher |
| - Database Administrator (DBA) | - Educator |
| - Systems Administrator | |
| - | |

Completer: To be a **completer** in the Computer and Information Technology Pathway, a student must select a focus within the pathway. There are two areas of focus in the Computer and Information Technology Pathway:

1. Information Support and Services
2. Interactive Media

In addition to the regular graduation requirements, students must complete the courses as described below within their selected focus

Information Support and Services Focus: A student must take all the courses listed below to be a **completer** in the Information Support and Services Focused Pathway:

- Introduction to Computer and Information Technology (0.5 credit) (Grades 9, 10, 11, 12)
- Entrepreneurship (0.5 credit) (Grades 9, 10, 11, 12)
- A+ Certification – Computer Technician (1 credit) (Grades 10, 11, 12)
- Networking Essentials (1 credit) (Grades 10, 11, 12)
- Probability and Statistics (1 credit) (Grades 11, 12)
- Accounting (1 credit) (Grades 10, 11, 12)
- Computer Programming (1 credit) (Grades 10, 11, 12)
- Web Design and Development (0.5 credit) (Grades 9, 10, 11, 12)

Interactive Media Focus: A student must take all the courses listed below to be a **completer** in the Interactive Media Focused Pathway:

- Introduction to Computer and Information Technology (0.5 credit) (Grades 9, 10, 11, 12)
- Ad Design/ Computer Graphics I (1 credit) (Grades 10,11,12)
- Graphic Design Technology (1 credit) (Grades 10,11,12)
- Visual Communications (0.5 credit) (Grades 9,10,11,12)
- Web Design and Development (0.5 credit) (Grades 9,10,11,12)
- Computer Programming (1 credit) (Grades 10,11,12)

- Probability and Statistics (1 credit) (Grades 11, 12)
- Accounting or Marketing (1 credit) (Grades 10, 11, 12)

Recommended Courses for the Computer Information and Technology Pathway:

- AP Studio Art: Drawing (1 credit) (Grades 11, 12)
- AP Studio Art: 2-D Design (1 credit) (Grades 11, 12)
- AP Studio Art: 3-D Design (1 credit) (Grades 11, 12)
- Graphic Design Technology (1 credit) (Grades 10, 11, 12)
- Ad Design/ Computer Graphics I (1 credit) (Grades 10, 11, 12)
- Ad Design/ Computer Graphics II (1 credit) (Grades 11, 12)
- Ad Design/ Computer Graphics III (1 credit) (Grades 11, 12)
- Web Design and Development (0.5 credit) (Grades 9, 10, 11, 12)
- Visual Communications (0.5 credit) (Grades 9, 10, 11, 12)
- Physics I (1 credit) (Grades 10, 11, 12)
- Computer Programming (1 credit) (Grades 10, 11, 12)
- Trigonometry (1 credit) (Grades 11, 12)
- Introductory Calculus (1 credit) (Grade 12)
- AP Calculus (1.5 credits) (Grade 12)
- Networking Essentials (1 credit) (Grades 10, 11, 12)
- American Pop Culture (1 credit) (Grades 11, 12)
- Literature of Leadership and Entrepreneurship (1 credit) (Grades 11, 12)

Certifications Available for Completers in the Computer Information and Technology Pathway:

When students have satisfied completer requirements, the students will be eligible for taking the necessary exams for the following certifications:

- CompTIA A+ Certification
- Net+ Certification

Business, Marketing and Finance Pathway

Students in the Business, Marketing and Finance Pathway will learn about the ever-changing world of business. By learning what it means to plan, organize, direct, and evaluate a business, students will be prepared for a variety of post-secondary education and workplace opportunities. Careers include (but are not limited to):

- Financial Planner
- Stockbroker
- Actuary
- Corporate Banker
- Loan Officer
- Social Media Marketer
- Food Marketer
- Sports Management
- Accountant
- Entrepreneur
- Business Manager

Completer: To be a **completer** in the Business, Marketing and Finance Pathway, a student must select a focus within the pathway. There are three areas of focus within the Business Marketing and Finance Pathway:

1. Business
2. Marketing
3. Finance

In addition to the regular graduation requirements, students must complete the courses as described below within their selected focus.

Business Focus: A student must take all of the courses listed below to be a completer in the Business Focused Pathway:

- Introduction to Business (0.5 credit) (Grade 9, 10,11,12)
- Accounting I – In addition to the 4 required Math courses (1 credit) (Grades 10,11,12)
- Spanish 1, French 1, or German 1 (1 credit) (Grades 8, 9, 10, 11, 12)
- Probability and Statistics OR Trigonometry (1 credit) (Grades 11,12)
- Business Principles and Management (1 credit) (Grades 10,11,12)
- Entrepreneurship (0.5 credit) (Grades 9,10,11,12)
- Business Law (0.5 credit) (Grades 10,11,12)
- Virtual Business A (0.5 credit) (Grades 10,11,12)
- Choose at least 0.5 credit worth of courses from the list of recommended courses for your pathway (0.5 credit minimum)

Marketing Focus: A student must take all of the courses listed below to be a completer in the Marketing Focused Pathway:

- Introduction to Business (0.5 credit) (Grades 9,10,11,12)
- Graphic Design Technology (1 credit) (Grades 10,11,12)
- Visual Communications (0.5 credit) (Grades 9,10,11,12)
- Web Design Development (0.5 credit) (Grades 9,10,11,12)
- Probability and Statistics or Trigonometry (1 credit) (Grades 11,12)
- Marketing (1 credit) (Grades 10,11,12)

- Entrepreneurship (0.5 credit) (Grades 9,10,11,12)
- Virtual Business A (0.5 credit) (Grades 10,11,12)
- Virtual Business B (0.5 credit) (Grades 10,11,12)
- Choose at least 0.5 credit worth of courses from the list of recommended courses for your pathway (0.5 credit minimum)

Finance Focus: A student must take all of the courses listed below to be a **completer** in the Finance Focused Pathway:

- Introduction to Business (0.5 credit) (Grades 9,10,11,12)
- Business Principles and Management (1 credit) (Grades 10,11,12)
- Consumer Math (1 credit) (Grade 12)
- Probability and Statistics OR Trigonometry (1 credit) (Grades 11,12)
- Accounting I (1 credit) (Grades 10,11,12)
- Entrepreneurship (0.5 credit) (Grades 9,10,11,12)
- Virtual Business A (0.5 credit) (Grades 10,11,12)
- Virtual Business B (0.5 credit) (Grades 10,11,12)
- Choose at least 0.5 credit worth of courses from the list of recommended courses for your pathway (0.5 credit minimum)

Recommended Courses for the Business Marketing and Finance Pathway:

- Consumer Math (1 credit) (Grade 12)
- Introductory Calculus (1 credit) (Grade 12)
- Introduction to Psychology (1 credit) (Grades 11,12)
- Ad Design/ Computer Graphics I (1 credit) (Grades 10,11,12)
- Literature of Leadership & Entrepreneurship (1 credit) (Grades 11,12)
- American Pop Culture (1 credit) (Grades 11,12)
- Creative Writing (0.5 credit) (Grades 10,11,12)
- Photography I (1 credit) (Grades 10,11,12)
- Photoshop Basics (0.5 credit) (Grades 9, 10,11,12)
- Video Production (1 credit) (Grades 9,10,11)

Certifications Available for Completers in the Business Marketing and Finance Pathway:

When students have satisfied completer requirements, the students will be eligible for taking the necessary exams for the following certifications:

- Microsoft Office Specialist – Word
- Microsoft Office Specialist – Excel
- Microsoft Office Specialist – PowerPoint
- QuickBooks Certified User
- A*S*K* Certification

Course Descriptions

Core Subjects

English Sequence

College & Career Ready Challenge

English 9 CCR
 English 10 CCR
 English 11 CCR
 English 12 CCR

Honors Challenge

English 9 H
 English 10 H
 English 11 H

Advanced Placement Challenge

AP English Language and
 Composition
 AP English Literature and
 Composition

Other English Course Options

American Horror from Poe to King

Literature of Leadership and Entrepreneurship

Literature of Sport

Science Fiction and Technology in Literature

English Electives

Creative Writing

The Graphic Novel

STUDENTS MUST SUCCESSFULLY COMPLETE ENGLISH 9, ENGLISH 10 AND 2 ADDITIONAL CORE COURSES AS A REQUIREMENT FOR GRADUATION. (Creative Writing and Contemporary Literature do not count toward graduation)

English Course Descriptions

English 9 College and Career Ready

1 credit

College & Career Ready Challenge

Grade(s): 9

Description: This college and career ready course is a literature-based course focusing on the various genres. Students must complete outside reading and writing assignments. Students are expected to be able to learn multiple tasks simultaneously and to refine their work repeatedly. To prepare the students for college, students will learn the following: literature appreciation and analysis; practical, analytical, and critical composition; library orientation and introductory high school research skills; vocabulary; interpersonal communication; standardized test-taking skills for reading and writing content, specifically for the Keystone Literature Exam. Students will also use Career Cruising, an internet-based career tool, to begin their Electronic Career Portfolio and to complete and upload their grade 9 research assignments.

English 9 Honors (recommended by the Middle School faculty)

1 credit

Honors Challenge

Grade(s): 9

Description: This accelerated, in-depth approach aims to advance the level of the college & career ready, literature based, genre course; much of the course work emphasizes independent and outside study. English Honors courses prepare students for the Advanced Placement curriculum. Students are expected to practice and refine a variety of analytical and interpretive reading and writing skills. English 9 Honors includes the following: library orientation and introductory high school research skills; college level vocabulary; interpersonal communication; standardized test-taking skills for reading and writing content, specifically for the Keystone Literature Exam. Students will also use Career Cruising, an internet-based career tool, to begin their Electronic Career Portfolio and to complete and upload their grade 9 research assignments. Students with limited motivation, average ability, or a casual interest in English studies should not schedule this intensive class.

English 10 College and Career Ready

1 credit

College & Career Ready Challenge

Grade(s): 10

Description: This course focuses on American Literature and associated themes. It builds upon the ninth-grade foundation by increasing the degree of analysis and interpretation so that students may learn to consider the content's connection to American themes, history, or previously learned material. Students must complete outside reading and writing assignments. Students are expected to be able to learn multiple tasks simultaneously and to refine their work repeatedly. To prepare the students for careers and college, they will learn the following: literature appreciation and analysis, practical, analytical, and critical composition, research skills, vocabulary, interpersonal communication, and standardized test-taking skills for reading and writing content. Independent reading is required.

English 10 Honors

1 credit

Grade(s): 10

Honors Challenge

Prerequisites: English 9

Description: This accelerated, in-depth approach aims to advance the level of the American literature-based course; much of the course work emphasizes independent and outside study. English Honors courses prepare students for the Advanced Placement curriculum. Students are expected to practice and refine a variety of analytical and interpretive reading and writing skills. English Honors 10 includes the following: literature appreciation and analysis, practical, analytical, and critical composition, research skills, college-level vocabulary, interpersonal communication, and standardized test-taking skills for reading and writing content. Independent reading is required. Students with limited motivation, average ability or casual interest in English studies should not schedule this intensive class.

English 11 College and Career Ready

1 credit

College & Career Ready Challenge

Grade(s): 11

Description: This quickly paced, college and career readiness course is literature based, drawing from both British and World literary texts. College and Career Readiness 11 builds upon the previous foundation by increasing the degree of analysis and interpretation so that students may learn to consider the content's connection to themes, history, and previously learned material. Students must complete outside reading and writing assignments. Students also are expected to be able to learn multiple tasks simultaneously and to refine their work repeatedly. To prepare the students for college, students will learn the following: literature appreciation and analysis; practical, analytical, and critical composition; high school research skills; vocabulary; interpersonal communication; and standardized test-taking skills for reading and writing content. English 11 College and Career Ready students will refine or develop research-based persuasive papers, which must adhere to the MLA-format, and fulfill specific length and resource standards. Prerequisite reading required.

English 11 Honors

1 credit

Grade(s): 11

Honors Challenge

Prerequisites: English 10

Description: This accelerated, in-depth course emphasizes independent and outside study. English Honors courses prepare students for the Advanced Placement curriculum. Students are expected to practice and refine a variety of analytical and interpretive reading and writing skills. English Honors 11 includes the following: high school research skills; college level vocabulary; interpersonal communication; standardized test-taking skills developed for reading and writing content. English 11 Honors students will refine or develop research-based persuasive papers, which must adhere to the MLA-format and fulfill specific length and resource standards. Students with limited motivation, average ability, or a casual interest in English studies should not schedule this intensive class. Prerequisite reading is required

English 12 College and Career Ready

1 credit

Grade(s): 12

College & Career Ready Challenge

Description: This quickly paced, college & career ready course is literature based, focusing on world literature's development. College and career ready 12 is designed to be a culminating study of world literary thought, analysis and interpretation. Students are expected to consider the content's connection to universal themes, world history or previously learned material. Students must complete outside reading and writing assignments and students are expected to be able to learn multiple tasks simultaneously and to refine their work repeatedly. To prepare for college, students will learn the following: literature appreciation and analysis; practical, analytical, and critical composition; high school research skills; vocabulary; interpersonal communication and standardized test-taking skills for reading and writing content. Prerequisite reading is required.

Advanced Placement English Language and Composition

1 credit

Grade(s): 11,12

Advanced Placement Challenge Prerequisites: A grade of 83 or higher in English 10 H or English 10CCR is recommended or Department approval

Description: Advanced Placement English Language and Composition is an intensive course with emphasis placed on preparation for the Advanced Placement English Literature and Composition Exam. Students in this course read and carefully analyze a broad and challenging collection of writings to enhance their awareness of how writers use language, style, and rhetoric to create meaning. Through close readings and frequent writing, students will develop their ability to analyze texts. Formal writing will be process-driven and will include pre-writing, writing and revision. Readings will be mostly non-fiction but will also include some works of fiction. Students must prepare seriously since they will be required to take the AP exam. The cost of the exam will be covered by the school district.

Advanced Placement Literature and Composition

1 credit

Grade(s): 12

Advanced Placement Challenge Prerequisites: A grade of 83 or better in English 11 H or English 11 CCR is recommended or Department approval

Description: Advanced Placement Literature and Composition is an intense course with emphasis placed on preparation for the Advanced Placement English Literature and Composition Examination for possible college credit, and an emphasis on composition as a means for analysis of and reaction to the literary genres. It is recommended for college-bound students who have demonstrated advanced skills in English, reading and writing. The works covered are considered classical in nature and summer reading is required. Students must prepare seriously since they will be required to take the Advanced Placement exam. The cost of the exam will be covered by the school district.

American Horror from Poe to King

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This class will explore the Horror Genre in America. Students will take a close look at the development of the horror story from its origins from Edgar Allen Poe and his short stories to Stephen King and his short stories. There will be an emphasis on the use of literary devices on the interpretation of literature, and on writing original stories. Some of the literature included will be: Collected Short Stories of Edgar Allen Poe, Nightshift, by Stephen King, Collected Short Stories of Shirley Jackson, The Girl Who Loved Tom Gordon, Stephen King, The Shining, by Stephen King, NOS4A2, by Joe Hill, and The Watchers, by Dean R Koontz.

Creative Writing

0.5 elective credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: English 9

Description: This course is designed for students who desire to write creatively and wish to spend much time writing. Forms may include short story, poetry, and drama. Students will be encouraged to create or re-create experiences and perceptions unique to their personalities. Opportunity will be given for students to share their writings with a responsive audience. The course will culminate in submission of a piece for possible publication or a project that demonstrates both creativity and learned skills.

Literature of Leadership and Entrepreneurship

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This college & career ready course is extensively literature based, and it will give the student a broad base regarding leaders and the techniques which contribute to their successes. It will examine the literature of leaders via autobiographies, biographies, and various non-fiction works. Students will read and analyze literary works such as: Ethics 101, Greater than Yourself, and Shine, as well as articles from scholarly magazines and other credible sources. Students will also examine local works and be exposed to regional leaders who have made a profound impact on their communities.

Literature of Sport

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This course surveys a variety of writing about sports including novels, short stories, and non-fiction sports writing. Students will be exposed to sports-related novels, newspapers stories, magazines articles, sports blogs, and electronic media stories. Emphasis will be placed on American sport. Sports writing, i.e. journalism including news and editorials will be discussed. There will be a focus not only on the history of literature in sport but also on the current works of sports-related literature. This is a college and career ready course for juniors and seniors.

Science Fiction and Technology in Literature

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This course is a survey of the greatest works of science fiction from around the world. Students will explore short stories, novellas, novels, television, and movie forms of the genre in order to track popular sci-fi trends as they pertain to the current technology of the day. Students will also delve into current scientific trends by reading scholarly journals, newspaper, and magazine articles to predict where sci-fi is heading in the future.

The Graphic Novel

0.5 elective credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: English 9

Description: The Graphic Novel course will explore the comics medium as a mode of communicating stories using the various texts to acquire, practice and master traditional and new literacies, including visual and critical media literacy. Through genre study, students will consider graphic novels as literature, analyze formal structure as it relates to content, trace the development of such themes as gender, race, sexuality, justice, history, or heroism, and learn the history and growth of the popular culture phenomenon called comics. The essential questions for this course: What is human nature? How do we recognize human nature?

Mathematics Sequence

College & Career Ready Challenge

Algebra I Part A&B CCR

Geometry CCR

Algebra II CCR

Trigonometry CCR

Probability & Statistics CCR

Consumer Math CCR

Honors Challenge

Geometry H

Algebra II H

Trigonometry H

Probability & Statistics H

Introductory Calculus H

Advanced Placement Challenge

AP Calculus

Calculus II

Math Electives

ACT/SAT Prep

Problem Solving in Science and Mathematics

STUDENTS MUST SUCCESSFULLY COMPLETE ALGEBRA I, GEOMETRY, ALGEBRA II AND ONE ADDITION CORE COURSE AS A REQUIREMENT FOR GRADUATION.

HONORS SECTIONS ARE AVAILABLE IN SEVERAL COURSES AND STUDENTS ARE SELECTED FOR THESE SECTIONS BY PREREQUISITES. HONORS LEVEL COURSES ARE DESIGNED TO BE MORE RIGOROUS WITH THE INTENT OF DEVELOPING CRITICAL THINKING SKILLS BY UTILIZING MORE ABSTRACT CONCEPTS. HIGHER LEVEL THINKING PROCESSES WILL BE REFLECTED ON ASSESSMENTS.

Mathematics Course Descriptions

Algebra I – Pt A

1 credit

Grade(s): 9

College & Career Ready Challenge

Description: Algebra I-A includes the study and application of operations with real numbers and expressions, linear equations and linear inequalities, functions and coordinate geometry, and data analysis.

Algebra I – Pt B

1 credit

Grade(s): 9

College & Career Ready Challenge

Description: Algebra 1-B continues the study and application of operations with real numbers and expressions, linear equations and linear inequalities, functions and coordinate geometry, and data analysis. Students will take the Algebra Keystone Exam at the end of this course

NOTE: A student may receive a math credit for only one of the following courses: Algebra I- Pt. A or Algebra I - Pt. B.

Geometry College and Career Ready

1 credit

Grade(s): 9, 10, 11

College & Career Ready Challenge

Prerequisites: Algebra 1B

Description: Geometry is a course recommended for the college-bound student. It places emphasis on the need for clarity and precision of language, and geometric visualization. A unit on formulas for plane and solid figures is included.

*NOTE: A student may receive a math credit for only one of the following courses: Geometry CCR or Geometry H.

Geometry Honors

1 credit

Grade(s): 9, 10

Honors Challenge

Prerequisites: Algebra B

Grade 9 Geometry students are selected by the Middle School faculty.

Description: Geometry Honors places emphasis on proof, the need for clarity and precision of language, and geometric visualization. A unit on formulas for plane and solid figures is included. Geometry honors is designed to be more rigorous with the intent of developing critical thinking skills by utilizing more abstract concepts. Higher level thinking processes will be reflected on various forms of assessment.

NOTE: A student may receive a math credit for only one of the following courses: Geometry CCR or Geometry H.

Algebra II College and Career Ready

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: Geometry CCR

Description: Algebra II includes development and application of real number properties, the study of linear open sentences, an introduction to functions, factoring polynomials, the use of rational, irrational, and complex numbers, the study of quadratic equations, and other higher-level topics.

NOTE: A student may receive a math credit for only one of the following: Algebra II CCR or Algebra II H.

Algebra II Honors

1 credit

Grade(s): 10, 11

Honors Challenge

Prerequisites: Geometry CCR or Geometry Honors

Description: Algebra II Honors includes development and applications of real number properties, the study of linear open sentences, an introduction to functions, factoring polynomials, the use of rational, irrational, and complex numbers, the study of quadratic equations, and other higher-level topics. Algebra II Honors is designed to be more rigorous with the intent of developing critical thinking skills by utilizing more abstract concepts. Higher level thinking processes will be reflected on various forms of assessment.

NOTE: A student may receive a math credit for only one of the following: Algebra II CCR or Algebra II H.

Consumer Math College and Career Ready

1 credit

College & Career Ready Challenge

Grade(s): 12

Prerequisites: Successful completion of 3 high school math courses

Description: Consumer Math includes problems from everyday living experiences.

*This course also fulfills the requirement of Senior Seminar. Please see page 73 for course description.

Trigonometry College and Career Ready

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Prerequisites: Algebra II CCR or Honors

Description: Trigonometry includes a right triangular and a circular approach, curve sketching, identities, solving triangles and logarithms.

NOTE: A student may receive a math credit for only one of the following: Trigonometry CCR or Trigonometry Honors.

Trigonometry Honors

1 credit

Grade(s): 11, 12

Honors Challenge

Prerequisites: Algebra II CCR or Honors

Description: Honors Trigonometry includes a right triangular and a circular approach, curve sketching, identities, solving triangles, logarithms, and polar coordinates. Trigonometry Honors is designed to be more rigorous with the intent of developing critical thinking skills by utilizing more abstract concepts. Higher level thinking processes will be reflected on various forms of assessment.

NOTE: A student may receive a math credit for only one of the following: Trigonometry CCR or Trigonometry Honors.

Probability and Statistics College and Career Ready

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Prerequisites: Algebra II CCR or Honors

Description: Probability and Statistics includes units from statistics and probability. This course will include confidence intervals, hypothesis testing and normal distributions. It is recommended as a fourth-year mathematics course for academic students who choose not to study Trigonometry or Calculus. Students may receive credit for Trigonometry, Introductory Calculus or AP Calculus as well as for Probability and Statistics.

NOTE: A student may receive a math credit for only one of the following two courses: Probability and Statistics CCR or Probability and Statistics Honors.

Probability and Statistics Honors

1 credit

Grade(s): 11, 12

Honors Challenge

Prerequisites: Algebra II CCR or Honors

Description: Probability and Statistics includes units from statistics and probability. It includes more difficult problems from topics listed in Probability and Statistics. This honors course is designed to be more rigorous with the intent of developing critical thinking skills by utilizing more abstract concepts. Higher level thinking processes will be reflected on various forms of assessment.

NOTE: A student may receive a math credit for only one of the following two courses: Probability and Statistics CCR or Probability and Statistics Honors.

Introduction to Calculus

1 credit

Grade(s): 12

Honors Challenge

Prerequisites: Trigonometry

Description: Introductory Calculus introduces the student to analytical geometry and calculus.

NOTE: A student may not receive a math credit for both Introductory Calculus and AP Calculus.

Advanced Placement Calculus

1.5 credits

Grade(s): 12

Advanced Placement Challenge

Prerequisites: A grade of "83" or better in Trigonometry is required or department approval.

Description: Advanced Placement Calculus is a rigorous course, which parallels a college level calculus course. The student who enrolls is expected to prepare seriously to take an Advanced Placement examination in Calculus. Students will be required to take the Advanced Placement exam. The cost of the exam will be covered by the school district.

NOTE: A student may not receive a math credit for both Introductory Calculus and AP Calculus.

Calculus II

1 credit

Grade(s): 12

Advanced Placement Challenge

Prerequisites: Passing grade in AP Calculus, and Math Dept. approval.

Description: Calculus II may be offered as a dual enrollment class. It is a rigorous college level course and requires a sound AP Calculus background. The student who enrolls is expected to prepare seriously for an Advanced Placement Calculus BC Exam. The student will be required to take the exam at district expense. If the course is offered for dual enrollment, the student may register and apply to college with the intent of earning college credit.

ACT/SAT Preparation Course

0.5 credit

Grade(s): 10, 11

Elective credit

Prerequisites: Geometry

Description: SAT Preparation is a semester long elective course designed for the college-bound student who wishes to enhance his or her score on the SAT or the ACT test. Students will be expected to complete homework assignments, practice quizzes and sample tests. Special SAT software is also available. This course is designed to increase familiarity with the specific directions and question formats as well as to improve basic mathematics and English skills.

Problem Solving in Science and Mathematics

2 credits (1 Math, 1 Science)

Admission by Administrative Recommendation Only

Elective credit

Description: Problem Solving in Math and Science I and II are year-long courses where students apply high school level math concepts to scientific inquiry to explore, create, and build skills necessary for post-secondary success. Problem Solving I focuses on environmental sciences and Problem Solving II focuses on physical sciences. These classes are purposefully designed to provide students an authentic and student-centered experience in the science and math classroom, using project-based inquiry and guided discovery instruction. These classes employ a co-teach model and small student-teacher ratio to match the learning styles of students who thrive in a hands-on, kinetic learning environment. Students are expected to contribute heavily to the directions of student learning and collaborate in small and large group situations, as well as work independently. In addition to math and science skills, students will further develop critical reading skills, written and verbal communication, and formal writing. Students will earn a credit of math and a credit of science for successful completion of the course.

Interested students are invited to interview. Participation in this class requires administrative approval.

Science Sequence

<u>College & Career Ready</u>	<u>Honors</u>	<u>Advanced Placement Courses</u>
Science 9 CCR	Science 9 Honors	AP Chemistry
Biology CCR	Biology Honors	AP Biology
Chemistry 1 CCR	Chemistry II	AP Physics C: Mechanics
Physics 1 CCR	Physics II Honors	
Anatomy and Physiology CCR	Chemistry II Honors	

Science Electives

Biomechanics in Movement and Sports

Diversity of Life

Earth Space Science

Issues in Environment Science I/II

Problem Solving in Science and Mathematics I/II

STUDENTS MUST SUCCESSFULLY COMPLETE SCIENCE 9, BIOLOGY AND ONE ADDITIONAL CORE COURSE AS A REQUIREMENT FOR GRADUATION.

THE SCIENCE DEPARTMENT STRONGLY SUGGESTS THAT:

Students who plan to pursue a career in science or in a science-related field take Chemistry I and Physics I.

Students who plan to or are required to take Physics in college are strongly encouraged to take Physics II or AP Physics.

Students who plan to or are required to take Chemistry in college are strongly encouraged to take Chemistry II or AP Chemistry.

Science Course Descriptions

Science 9 College and Career Ready

1 credit

Grade: 9

College & Career Ready Challenge

Description: This course will help students to understand the environment, ecology, the world around them. Topics studied in this course are; environmental science and ecological studies. This course will prepare our high school students to investigate and understand these topics as they are related to the Pennsylvania state science standards.

***Participation in the “Lake Wallenpaupack Watershed Educational Program” is a required component of the course.

Science 9 Honors

1 credit

Grade(s): 9

Honors Challenge

Prerequisite: Selection by the Middle School faculty

Description: This honors-weighted course is an accelerated and in-depth approach to the course work presented in Science 9 and is intended for the highly motivated student. This course will help students to understand the environment, ecology, and the world around them. Topics studied in this course are; environmental science and ecological studies. This course will prepare our high school students to investigate and understand these topics as they are related to the Pennsylvania State Science Standards.

***Participation in the “Lake Wallenpaupack Watershed Educational Program” is a required component of this course.

Biology College and Career Ready

1 credit

Grade(s): 9, 10, 11

College & Career Ready Challenge

Prerequisites: Science 9

Description: The topics taught in Biology are the scientific process, genetics, cell biology, and evolution. This is a hand-on biology course that is task oriented and will appeal to a wide variety of learning styles.

Biology Honors

1 credit

Grade(s): 9, 10, 11

Honors Challenge

Prerequisites: Science 9

Description: This course is taught with emphasis on biological concepts. An inquiry-based, hands-on approach is used when appropriate. Topics include the scientific process, genetics, cell biology, evolution, and anatomy and physiology. This course is intended for students who are planning to attend a four-year college.

Advanced Placement Biology

1.5 credits

Grade(s): 11, 12

Advanced Placement Challenge

Prerequisite: A grade of “83” in Biology, “83” in Chemistry I is required.

Description: Advanced Placement Biology is taught at the college level and is designed for the highly motivated student. This course will cover four “big ideas”. 1. The process of how evolution drives the diversity and unity of life. 2. How biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis. 3. How living organisms store, retrieve, transmit, and respond to information essential to life processes. 4. How biological systems interact, and these systems and their interactions possess complex properties.

Laboratory work is a key component of the course. Students will be required to take the Advanced Placement exam. The cost of the exam will be covered by the school district.

Introduction to Conservation and the Environment

0.5 credit

Grade(s): 9

Standard Challenge

Description: This introductory course is designed for students who have an interest in the natural environment and the science and mathematics that accompany its study. Students will participate in many and varied hands on and minds on activities that focus on how different professionals in this field go about their work. In doing so, students will develop and hone their problem-solving skills, their critical literacy skills, and their communication skills in creative ways. Finally, students will learn about the policies and laws that affect how humans interact with the natural world. Areas of study will include: Diversity, Systems Thinking, and Sustainability/Human/Environment Interactions.

Issues in Environmental Science I

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This course is designed for students attracted to careers in conservation and to develop a connection to the environment and an accompanying desire to protect and preserve it. The focus is on understanding how ecosystems function and the natural history of organisms. This course will explore resource protection by introducing students to complex, ongoing local resource management issues that involve many diverse stakeholders. Students will explore the background of the issues, the natural resources involved, the consequences, the possible solutions and the stakeholders' special interests using computer technology, field work and interviews.

Issues in Environmental Science II

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This course is designed for students attracted to careers in conservation and to develop a connection to the environment and an accompanying desire to protect and preserve it. The focus is on understanding how ecosystems function and the natural history of organisms. This course will explore resource protection by introducing students to complex, ongoing local resource management issues that involve many diverse stakeholders. Students will explore the background of the issues, the natural resources involved, the consequences, the possible solutions and the stakeholders' special interests using computer technology, field work and interviews.

Anatomy and Physiology

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisite: Biology

Description: Anatomy and Physiology is an advanced biology course designed for students with a special interest in structure and function of the human body. Disorders, maintenance, repair, and aging of body systems will be stressed. The integumentary, skeletal, muscular, nervous, special senses, endocrine, circulatory, immune, respiratory, digestive, urinary, and reproductive systems will be covered in this class. You will be required to learn details of human anatomy, as well as conceptualize processes of human physiology. Dissections is component of the class.

Physics I

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: Geometry

Completion or concurrent enrollment in Algebra II

Description: Physics I is an introduction to basic classical physics with laboratory experiences. The concepts of linear and non-linear motion, forces, work and energy, momentum, and rotational motion are presented.

Physics II

1 credit

Grade(s): 11, 12

Honors Challenge

Prerequisites: Physics I

Description: Physics II continues the study of physics with laboratory experiences. Physics II is a survey of fluid mechanics, thermodynamics, waves, sound, light, optics, electricity, magnetism, and modern atomic and subatomic physics.

Advanced Placement Physics C: Mechanics

1 credit

Grade(s): 11, 12

Advanced Placement Challenge

Prerequisites: Completion of Physics I with a minimum grade of "83".

Completion of AP Calculus with a minimum grade of "83", or concurrent Enrollment in AP Calculus.

Physics II is not required.

Description: Advanced Placement Physics is a calculus-based physics course that covers the required topics for the AP Physics C Mechanics exam. Physics II is not a prerequisite for this course. The curriculum parallels a first-level college calculus-based physics course. Topics mirror those in Physics I, with more emphasis on rotational dynamics and laboratory work. AP Physics is a rigorous course designed for the highly motivated science student. Students will be expected to prepare seriously for the required Advanced Placement exam. The cost of the exam will be covered by the school district.

Chemistry I

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: Science 9, Biology and Algebra I

Description: The focus of Chemistry I is the study of matter, its composition, structure, properties, and changes, with appropriate laboratory experiences. Atomic theory, periodic law, chemical bonding, chemical equations, and reactions, and acid/base theory are the components of this course.

Chemistry II

1 credit

Grade(s): 10, 11, 12

Honors Challenge

Prerequisite: Chemistry I

Description: Chemistry II continues the study of chemistry with laboratory experiences. The course begins with a brief review of the topics covered in Chemistry I and includes more detailed study in the areas of stoichiometry, gases and gas laws, nuclear chemistry, and organic chemistry. The course stresses the use of technology in lab work, and emphasizes the skills and knowledge needed for first-level college chemistry.

Food Chemistry

1 credit

Grade(s): 10, 11, 12

Standard Challenge

Description: This course will introduce students to chemistry through the contexts of food and other aspects of the culinary arts. Course topics may include study of the following: chemical reactions associated with food processing and storage, water, lipids, proteins, carbohydrates, enzymes, minerals, and additives such as color, flavor, preservatives, stabilizers, etc.

Advanced Placement Chemistry

1.5 credits

Grade(s): 11, 12

Advanced Placement Challenge

Prerequisites: A grade of "83" in Chemistry I, and the taking of Chemistry II prior or concurrently.

"83" in Algebra II is recommended, or department approval.

Description: This course will place emphasis on the states of matter, chemical reactions, descriptive chemistry, chemical calculations, and laboratory work. This course is a rigorous course taught at the college level and is designed for the highly motivated student. AP Chemistry covers the topics required for the Advanced Placement Chemistry exam and parallels a first-level course of college inorganic chemistry semester I and II. Students will be required to spend additional time learning material not learned in class and are expected to prepare seriously to take the Advanced Placement Chemistry Examination. Students will be required to take the Advanced Placement exam. The cost of the exam will be covered by the school district.

Biomechanics in Movement and Sports

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Successful completion of Biology and Geometry recommended

Description: How do dancers jump so high, possess flexibility that defies explanation, and appear not to fatigue despite hours of practice and performance? How do athletes turn so quickly, throw so hard, and endure beyond what seems possible? Biomechanics in Movement and Sports will help you answer these questions, and much more. Whether you're interested in the theater and fine arts, exercise science and sports medicine, or anything in between- if you are curious about human movement and performance and would like to know more about it, this course is for you.

Earth Space Science

1 credit

Grade(s): 10, 11, 12

Standard Challenge

Prerequisites: Science 9 and Biology CCR

Description: This course consists of an advanced study in various disciplines of the Earth and Space Sciences including meteorology, astronomy, oceanography, and geology.

Diversity of Life

1 credit

Grade(s): 11, 12

Standard Challenge

Prerequisites: Science 9 and Biology CCR

Description: This course will provide you with an enjoyable and informative hands-on overview of the biological kingdoms, including microorganisms, plants, and animals. Students will learn about life's diversity, form, function, and importance. Students will be required to care for an animal during the course. Projects are an integral part of this course.

Please Note: Students with allergies to animals and animal dander may be affected by the environment in this classroom and should consider this fact before signing up for this class. Students with nut and seed allergies need to be aware that they may be in the animal food. ***

Problem Solving in Science and Mathematics

2 credits (1 Math, 1 Science)

Grade(s): 11, 12

Standard Challenge

Admission by Administrative Recommendation only

Description: Problem Solving in Math and Science I and II are year-long courses where students apply high school level math concepts to scientific inquiry to explore, create, and build skills necessary for post-secondary success. Problem Solving I focuses on environmental sciences and Problem Solving II focuses on physical sciences. These classes are purposefully designed to provide students an authentic and student-centered experience in the science and math classroom, using project-based inquiry and guided discovery instruction. These classes employ a co-teach model and small student-teacher ratio to match the learning styles of students who thrive in a hands-on, kinetic learning environment. Students are expected to contribute heavily to the directions of student learning and collaborate in small and large group situations, as well as work independently. In addition to math and science skills, students will further develop critical reading skills, written and verbal communication, and formal writing. Students will earn a credit of math and a credit of science for successful completion of the course.

Interested students are invited to interview. Participation in this class requires administrative approval.

Social Studies Sequence

College & Career Ready

U.S. History II CCR

U.S. History III CCR

World Cultures CCR

Honors

U.S. History II Honors

U.S. History III Honors

World Cultures Honors

Advanced Placement

AP U.S. History

Social Studies Electives

Introduction to Psychology

Logical Arguments

American Pop Culture

Global Human Rights

Modern American Govt.

STUDENTS MUST TAKE U.S.II, U.S.III, WORLD CULTURES AND 1 ADDITIONAL CORE COURSE AS A REQUIREMENT FOR GRADUATION.

THE SOCIAL STUDIES DEPARTMENT HAS HONORS COURSES AVAILABLE IN U.S. HISTORY II, U.S. HISTORY III AND WORLD CULTURES. STUDENTS FOR THESE SECTIONS ARE SELECTED BY THE PREREQUISITE.

Social Studies Course Descriptions

U.S. History II Career and College Ready

1 credit

Grade(s): 9

College & Career Ready Challenge

Description: The US History II course covers the period from the 1820's – 1920's. Within this time, we are concerned with the development of federal ideals. This course focuses on how citizens interact and participate within their government, environment, and economy. The course will also discuss how the government responds to its citizenry, environment, and the world. US History II CCR prepares the student for college level history courses and requires outside reading and document analysis thereby developing higher order thinking skills.

U.S. History II Honors

1 credit

Grade(s): 9

Honors Challenge

Selected by Middle School faculty

Description: The US History II course covers the period from the 1820's – 1920's. Within this time, we are concerned with the development of federal ideals. This course focuses on how citizens interact and participate within their government, environment, and economy. The course will also discuss how the government responds to its citizenry, environment, and the world. US History II Honors requires substantial outside reading, extensive research for assigned papers and considerable document analysis thereby developing critical thinking skills.

U.S. History III College and Career Ready

1 credit

Grade(s): 10

College & Career Ready Challenge

Description: The United States History III course begins in 1929 and progresses through modern day, as the United States emerges as a world power. This course will focus on the role of American government in domestic and international conflict and diplomacy. Specifically, students will study the Great Depression, WWII, the Cold War, the Civil Rights movement, post-WWII conflicts, when America grew into a global superpower, and finally contemporary U.S. history. U.S. History III CCR prepares the student for college level history courses and requires substantial outside reading and document analysis thereby developing higher order thinking skills.

U.S. History III Honors

1 credit

Grade(s): 10

Honors Challenge

Prerequisite: U.S. History II CCR or Honors

Description: The United States History III course begins in 1929 and progresses through modern day, as the United States emerges as a world power. This course will focus on the role of American government in domestic and international conflict and diplomacy. Specifically, students will study the Great Depression, WWII, the Cold War, the Civil Rights movement, post-WWII conflicts, when America grew into a global superpower, and finally contemporary U.S. history. U.S. History III Honors requires substantial outside reading, extensive research for assigned papers and considerable document analysis thereby developing critical thinking skills.

World Cultures College and Career Ready

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: World Cultures CCR is a composite study of four cultures around the globe. Each culture includes geography, customs, social systems, religion, government, art, music, and literature of the region. Thinking skills including interpretation, analysis and evaluation are used in class to gain an understanding of other cultures as they relate to our own. By keeping tuned to current events in the area, we can gain insight into the ideas and attitudes which affect us. The Middle East, South Asia, East Asia, and Africa are areas of concentration in this course. World Cultures CCR will prepare students for college level social studies courses. This course requires outside reading and document analysis thereby developing critical thinking skills.

World Cultures Honors

1 credit

Grade(s): 11, 12

Honors Challenge

Prerequisite: U.S. History III Honors is highly recommended.

Description: World Cultures Honors is a composite study of four cultures around the globe. Each culture includes geography, customs, social systems, religion, government, art, music, and literature of the region. Thinking skills including interpretation, analysis and evaluation are used in class to gain an understanding of other cultures as they relate to our own. By keeping tuned to current events in the area, we can gain insight into the ideas and attitudes which affect us. The Middle East, South Asia, East Asia and Africa are areas of concentration for this course. The honors challenge is only for the self-motivated student with great intellectual curiosity. This course requires substantial outside reading and considerable document analysis thereby developing critical thinking skills.

Advanced Placement U.S. History

1.5 credits

Grade(s): 11, 12

Advanced Placement Challenge Prerequisites: A grade of "83" in U.S. History II, III Honors or a recommendation letter from current social studies teacher is highly recommended. Description: This course is inclusive of U.S. History I, II and III. Students will be required to spend additional time learning materials not covered in class. Students are expected to write numerous papers ranging from 2-15 pages which will critically analyze historical events and documents. Students will learn and employ historical technique to prepare many lessons covering a wide range of historical topics. Students interested in AP History are expected to have a strong knowledge base of the material covered in US I, II and III. The objective of AP History is to prepare students for the AP History test which is administered in May. All students are required to take the College Board Advanced Placement exam. (The cost of the exam will be covered by the school district.) To that end, the class will be scored using the College Board rubric.

AP History is designed only for the highly motivated student who wants to study the craft of history and is willing to do historical work beyond memorizing dates and events.

Introduction to Psychology

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This course is an overview of major psychological theories, approaches, and methods. The topics include development, gender and sexuality, learning, thinking, motivation, stress, personality, and personality disorders. Students will be presented the material with the intent of better understanding themselves and the society in which we live. The instruction is research and project based with many examples of each topic introduced with a “hands-on” approach.

American Pop Culture

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This course will examine the impact of pop culture in the United States that help make up our unique American culture. Students will analyze and predict how society effects pop culture and the way that pop culture impacts society. Each unit will include a brief overview of the significant historical developments of the various time periods. The course will cover the decades of the 1950’s through today. We will examine the popular cultural developments that coincided with the historical events. Mass media, music, literature, film, radio, TV, sports, fashion will be topics students investigate to understand a variety of different pop culture influences that have become part of the American identity.

Logical Arguments

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: In this class we will discuss the foundations of logical thinking. Logic should be the foundation of any argument or position you take in your day-to-day life. Logic is essential when writing code in most computer languages, proposing an idea to your boss, or when making a big decision in life. The class will start with the language and foundations of logic then move into proposing and solving questions using logic.

Modern American Government

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: This course will examine what influences the modern U.S. government. The curriculum will analyze the philosophical underpinnings of the U.S. government and the role courts have played in shaping our current legal landscape. The class will also focus on the history of the Civil Rights movement and evaluate its effects on society today. Lastly, the course will investigate political ideology, polling practices and the influences of the media on current politics, along with other political institutions which shape how the U.S. government operates.

Global Human Rights

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Description: Do humans have innate rights? If so, what do those rights entail? How are they being violated? What is being done to ensure respect for human rights? You will be able to answer these questions after examining the following topics: genocide, human trafficking, illegal immigrants, refugees, and torture.

Physical Education

Physical Education

0.5 credit

Grade(s): 9, 10, 11, 12

Description: Three Physical Education credits and 1 health credit are required for graduation. The three credits can be a combination of PE, Holistic and Personal Fitness. One of the three credits must be PE. Physical Education allows the students to explore units of instruction in team sports, net and striking sports and lifetime activities.

The Pennsylvania School Code requires all students to attend courses of instruction in Physical Education. A student who is unable to participate in the assigned program due to a specific physiological condition could take part in a modified program to meet their needs. In order to enable the student and school to fulfill the Pennsylvania School Code mandate, please see your physical education teacher for more appropriate documentation.

Health/Driver's Education

0.5 credit

Grade(s): 10

Description: This course will incorporate Driver's Education and a variety of Health topics. One quarter will be Driver's Education. This portion consists of driver theory and related driving topics. Students who successfully pass this portion, log 65 hours of driving and have a valid PA driver's permit may sign up for "Behind the Wheel" driver training with an instructor. The second part of the class will cover current Health topics such as: sexuality, drugs and alcohol, CPR/AED certification and stress management.

Holistic Fitness

0.5 credit

Grade(s): 10, 11 12

Description: This course can be used as a P.E. credit. This course is designed to introduce students, safely and accessibly, to the basic postures, breathing, techniques, and relaxation methods of yoga. Students begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of the day-to-day life. The aid of this course is to focus on attitudes and behaviors that will promote positive health and wellness for an individual throughout their lifetime.

Personal Fitness

0.5 credit

Grade(s): 10, 11 12

Description: This course will count as a Phys. Ed. credit needed to graduate. This course will help students assess and analyze their fitness levels. The students will then research, create and utilize personal fitness plans to increase their physical fitness. Students will use the FITT principle of training to update their fitness plans periodically. Students will analyze what affects their fitness levels (i.e. nutrition, environment, etc.) and create plans that help them reach their fitness goals. This course will have some classroom time and some fitness room time.

Special Education

General Creative Arts

0.5 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: This course is designed for students who are interested in developing their creative expression in the arts. Students will work on both visual and performing arts projects that will develop social interaction as well as therapeutic artistic skills.

Advanced Creative Arts

0.5 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: This course is designed for students who are interested in enhancing their creative expression in the arts. Students will work on visual art projects that will develop social interaction as well as therapeutic artistic skills, using a variety of mediums. Additionally, this course will explore basic skills in two-dimensional design, drawing, painting, sculpture, and crafts. Opportunity is provided for the student to develop their creativity as they learn artistic skills.

General Creative Communication

1 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: A broad introduction to the use of computers as tools for creativity, communications and organizing information. Students will be exposed to keyboarding and Microsoft Office software (Word, and PowerPoint), Internet access, and Internet safety on a basic level.

Advanced Creative Communication

1 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: A more in-depth introduction to the following: Use of Computing Devices, Navigate an Operating System, Use a Keyboard Effectively, Create Documents using Word Processing Software and Excel, Demonstrate Basic Email Functions, Perform Basic File Management Techniques, Use of the Internet, Exploring Social Media, and Manage Personal Data.

*The communications teacher will collaborate with special education teachers to help support the academic curriculum.

General Creative Music

1 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: This course is designed for students who are interested in creating and performing music in a socially interactive way.

Advanced Creative Music

1 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: This adaptive music course offers an exploratory music experience for students with unique needs. Students will investigate sound by both listening to and creating music. Students will play percussion instruments

and sing a variety of songs in different modes and meters. Students will use movement and dance to demonstrate the tempo and rhythm of songs in a variety of modes and meters. Through visual and aural demonstration of instruments, students will become aware of string, woodwind, brass, and percussion instruments. Students will have the opportunity to build and instrument. Students will explore and experience different musical styles such as pop, classical, jazz, opera, and world music.

Advanced Creative Travel

0.5 credit

Grade(s): 10, 11, 12

Standard Challenge

Description: This course will focus on exploring different countries culture and tourism. Students will learn about geography, climate, education, tourist destinations, music, currency, foreign languages, international holidays, and cuisine of various countries.

Creative Theatre

1 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: This course is designed for students who are interested in developing their creative expression in theatre arts. Students will work on performing arts projects that will develop social interactions and working in groups.

Adaptive Health & Wellness

0.5 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: Delivers age and developmentally appropriate information on topics pertaining to puberty, their bodies, sexuality, and healthy relationships. Students will be given the foundation to make responsible decisions about their bodies and to build and maintain healthy relationships.

Adaptive Physical Education

0.5 credit

Grade(s): 9, 10, 11, 12

Standard Challenge

Description: Adapted physical education is required of the student who is not able to participate safely or successfully in the unrestricted activities of the regular physical education program. Our adapted physical education program is a "modification" of our regular physical education program. Each student is made aware of his physical potentialities and limitations through screening procedures by the PE staff, school nurse and/or physician's recommendations. Through this understanding, the student attempts to increase his/her competency in a variety of skills and safety habits which are necessary to feel some measure of success in recreational sports and games.

Peer Helper

0.5 credit

Grade(s): 10, 11, 12

Standard Challenge

Description: The Peer Helping Course is designed for students interested in exploring "helping" occupations and in strengthening their communication skills. An activities approach will include individual and group presentations, "hands-on" training, and role-playing. Special emphasis will be placed on teamwork and group dynamics.

Elective Courses

A+ Certification – Computer Technician

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: This course is designed for students seeking career-oriented, entry-level hardware and software skills. Target students include those who want to prepare for careers in information and communication technology (ICT) and students who want to gain skills and working knowledge of how computers work, how to assemble computers, and how to troubleshoot hardware and software issues. Students who successfully complete this course will be able to design, build, troubleshoot, implement, and maintain computer systems in a professional environment. This course curriculum has been designed as such to prepare students for successful completion of the CompTIA A+ Certification exam. A student may opt to take the A+ Certification exam off-site and at the student's expense.

ACT/SAT Preparation Course

0.5credit

Grade(s): 10, 11

Elective credit

Prerequisites: Geometry

Description: SAT Preparation is a semester long elective course designed for the college-bound student who wishes to enhance his or her score on the SAT or the ACT test. Students will be expected to complete homework assignments, practice quizzes and sample tests. Special SAT software is also available. This course is designed to increase familiarity with the specific directions and question formats as well as to improve basic mathematics and English skills.

Accounting I

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: Accounting is the system of recording and summarizing business and financial transactions in journals and ledgers and then analyzing, verifying, and reporting the results as financial statements. Technology is integrated throughout the class teaching students to journalize accounting transactions, post to ledger accounts and prepare financial statement using both technology and traditional accounting methods. A student is given the opportunity to build the foundation for continued studies in the areas of Business Administration, Finance and Accounting. Accounting is recommended for students who are contemplating either two-or four-year programs in accounting or business- related fields.

Ad Design/Computer Graphics I

1 credit

Grade(s): 10, 11, 12

Standard Challenge

Prerequisites: Introduction to Visual Arts or departmental approval Description: Graphic Design is a class that teaches art and technology. Students will use design as a creative and exciting process of communication. Students will also explore various methods used to create and combine words, symbols, images and color to produce a visual representation of ideas and messages. Students will use the basic elements and principals of art and learn how to use the computer programs Adobe Photoshop and Adobe InDesign

Ad Design/Computer Graphics II

1 credit

Grade(s): 11, 12

Standard Challenge

Prerequisites: Graphic Design/Computer Graphics I Description: This course is a continuation of art and technology working together to communicate ideas. Students will learn intermediate techniques for designing and creating effective promotional pieces, publications and digital art. Students will use creative thinking to solve communication and design concepts for the real world. Students will improve their skills and learn intermediate techniques in Adobe Photoshop and InDesign. Students will be introduced to Adobe Illustrator.

Ad Design/Computer Graphics III

1 credit

Grade(s): 11, 12

Standard Challenge

Prerequisites: Graphic Design/Computer Graphics II Description: This course covers advanced study in design and production techniques and processes, including use of full color for publication design, advertising campaigns, promotional items and digital art. All projects are designed to provide practical experience in the design processes in communication, and creative problem solving. This course will provide opportunities for students to work with clients on actual projects in a professional environment. Advance design with Adobe Photoshop, Adobe InDesign and Adobe Illustrator software in the computer will be a primary focus in this class.

Advanced Theatre I

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Prerequisites: Intermediate Theatre

Description: These students can continue to develop performance and directing skills. Working together in small and large groups, the students will increase their knowledge and abilities as solo performers, ensemble members, directors, designers and audience members. Students will work on numerous projects from contemporary theatre and classical theatre (including Shakespeare). Projects will give students the opportunity to exercise creative and problem-solving skills as they increase their self-reliance and poise.

Advanced Theatre II

1 credit

Grade(s): 11, 12

Honors Challenge

Prerequisites: Advanced Theatre I

Description: This class is offered to juniors and seniors who have completed Advanced Theatre. This course will explore playwriting, theatre criticism/analysis, in-depth scene work, directing, and theatre in education. This class is specifically designed for students looking to study theatre in college.

Advanced Placement Arts I

1 credit

Grade(s): 11, 12

Advanced Placement Challenge

Prerequisites: Fine Arts I or department approval

Description: This course is designed for the serious art student wanting to advance in art or planning a career in the art field. Students will study a core foundation investigating the different breadth areas through various materials and styles. Students will learn techniques in planning and design, as well as techniques that will focus

their portfolio and hone their skills for whatever portfolio they choose during AP Studio. They will choose from three portfolio options: Drawing, Two-Dimensional Design or Three-Dimensional Design. Specific requirements are established by the AP board. Portfolio will be completed in level two. Students who sign up for this course must pick up summer work from Ms. Peet before the end of the school year.

Advanced Placement Arts II

1 credit

Grade(s): 12

Advanced Placement Challenge

Prerequisites: Advanced Placement I or department approval

Description: In this course students will design and create the concentration area of their chosen portfolio as well as finalize all quality works required. Emphasis will be placed on the development of a theme, critical analysis and presentation of artwork. All artwork for the portfolio requirements will be completed. Students will be required to take the Advanced Placement exam. The cost of the exam will be covered by the school district.

Advanced Placement Studio Art 2-D Design

1 credit

Grade(s): 12

Advanced Placement Challenge

Description: AP Art and Design skill categories delineate overarching understandings central to the study and practice of art and design. The 2D course consists of skills that encompass foundational to advanced learning over the span of the course with a focus on design such as use of color defined within the elements and principles of design. Students need to develop, practice, and apply these skills in a variety of contexts, culminating in a 2D portfolio that will be evaluated by the College Board.

Advanced Placement Studio Art 3-D Design

1 credit

Grade(s): 12

Advanced Placement Challenge

Description: AP Art and Design skill categories delineate overarching understandings central to the study and practice of art and design. The 3D course consists of skills that encompass foundational to advanced learning over the span of the course with a focus on creating 3D pieces such as ceramics and sculpture with a focus on height, weight and depth. Students need to develop, practice, and apply these skills in a variety of contexts, culminating in a 3d portfolio that will be evaluated.

Advanced Placement Studio Art: Drawing

1 credit

Grade(s): 12

Advanced Placement Challenge

Description: AP Art and Design skill categories delineate overarching understandings central to the study and practice of art and design. The drawing course consists of skills that encompass foundational to advanced learning over the span of the course with a focus on mark making such as drawing and painting. Students need to develop, practice, and apply these skills in a variety of contexts, culminating in a drawing portfolio that will be evaluated by the College Board.

Advanced Placement Art History

1 credit

Grade(s): 10, 11, 12

Advanced Placement Challenge

Prerequisite: Art History I

Description: This course is an introductory college-level course. The core of this curriculum supports students in becoming skilled in critical analysis of major forms of artistic expression including architecture, painting and

sculpture, as a reflection of its historical and sociocultural context. The functions and effects of works of art are also emphasized. In this course, students examine and critically analyze major forms of artistic expression from the past and the present, from a variety of cultures. The objective of AP History is to prepare students for the AP History test which is administered in May. Students are required to take the College Board Advanced Placement exam. The cost of the exam will be covered by the school district.

Advanced Placement Music Theory

1 credit

Grade(s): 12

Advanced Placement Challenge

Prerequisites: Music Theory I

Description: The ultimate goal of an AP music theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in score. The achievement of these goals may best be approached by initially addressing fundamental aural, analytical, and compositional skills using both listening and written exercises. Building on this foundation, the course should progress to include more creative tasks, such as the harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figured-bass notation. Students will be required to take the Advanced Placement exam. The cost of the exam will be covered by the school district. The student on his/her own will do any additional preparation for the test.

Advanced Principles of Instruction: Literacy Option

1 credit

Grade(s): 11, 12

Honors Challenge

Description: This course is designed to develop competencies related to employability skills; developing relationships between school and the home; intrapersonal skills and professionalism. During this course students must participate in and document a practicum. A formal observation of the student must be conducted by the instructor during the latter part of the practicum experience. The student must submit a completed portfolio to the instructor by the end of this course.

*Capstone Collaborative Clinical Experience

Possible Dual Enrollment w/Lackawanna *EDU 140 – Methods and Material for Education*

Advanced Principles of Instruction: Numeracy Option

1 credit

Grade(s): 11, 12

Honors Challenge

Description: This course is designed to develop competencies related to employability skills; developing relationships between school and the home; intrapersonal skills and professionalism. During this course students must participate in and document a practicum. A formal observation of the student must be conducted by the instructor during the latter part of the practicum experience. The student must submit a completed portfolio to the instructor by the end of this course.

*Capstone Collaborative Clinical Experience

Possible Dual Enrollment w/Lackawanna *EDU 140 – Methods and Material for Education*

Allied Health I & II & III

Grade(s): 11, 12

Prerequisites: Must have successfully completed Introduction to Medical Sciences and submitted an application to enter Allied Health Careers I. Application process may be required to pass from Level I to Level II and/or to pass from Level II to Level III. Entering this CTE program is a three-year commitment. Student can only drop the program after meeting with the principal and your school counselor.

Allied Health I

2 credits

Career & College Ready Challenge

Description: Allied Health I involve theory, classroom-laboratory skills, and health care career exploration. Students in level I also have the opportunity for a community experience component. Examples of course content include infection control, body structure and function, body mechanics, fluid and nutrition, hygiene, and vital signs.

Allied Health II & Allied Health III

Level II – 2 credits Career & College Ready Challenge – Must take Chemistry I CTE

Level III – 2 credits Career & College Ready Challenge – Must take Anatomy & Physiology CTE

Prerequisites: ENTRY TO ADVANCED LEVEL I, II, III REQUIRES COMPLETION OF THE PRIOR LEVEL

Description: In Allied Health II and III the students participate in the clinical component of the program. Four days per week, students are involved in real work experiences at a local hospital and an assisted living facility. Examples of Level II classroom content include Safety, Cancer, Immune System and Skin Disorders, Nervous System and Musculo-Skeletal Disorders, Cardiovascular, Respiratory and Lymphatic Disorders, Digestive and Endocrine Disorders, Urinary and Reproductive Disorders, Growth and Development and End of Life Care. Examples of Level III classroom content include Basic Emergency Care, assisting with the Physical Exam, Collecting and Testing Specimens, The Person having Surgery, and Heat and Cold Applications.

Art for Education

0.5 credit

Grade(s): 10, 11, 12

Description: Art for education is designed as an integrated course for the study of Art Education and the use of Art across multiple disciplines in Education. Students will explore the Elements and principals of art and design while experiencing various methods materials in both 2D and 3D. Opportunity is provided for the student to develop unit and lesson plans, focusing on historic and cultural backgrounds. The relationship of Art to other disciplines will be discussed where applicable. Students will develop 5 Career focused artifacts (Career and college readiness index).

Art for Sciences

0.5 credit

Grade(s): 10, 11, 12

Description: Art for Sciences is designed as an integrated course for the study of Visual representation for scientific application and the use of Art across multiple disciplines in the sciences. Students will explore the Elements and principals of Art and Design while experiencing various methods and materials in both 2D and 3D. opportunity is provided for the student to develop visual representation of scientific applications. The relationship of art to other disciplines will be discussed where applicable. Students will develop 5 career focused artifacts (Career and college readiness index).

Art for Business

0.5 credit

Grade(s): 10, 11, 12

Description: Art for Business is designed as an integrated course for the study of visual representation for business applications, and the use of Art across multiple areas in business disciplines. Students will explore the Elements and principles of art and design while experiencing various methods materials in both 2D and 3D. Opportunity is provided for the student to develop graphics used in standard business applications, focusing on Marketing, promotion, fashion, sports, and packaging. Students will develop 5 career focused artifacts (Career and college readiness index).

Art for Engineering

0.5 credit

Grade(s): 10, 11, 12

Description: Art for Engineering is designed as an integrated course for the study of Art and the use of Art across the multiple disciplines in the realm of engineering. Students will explore the Elements and principles of art and design while experiencing various methods materials in both 2D and 3D. Opportunity is provided for the student to develop and strengthen their visual aesthetic skill while applying what they learn in various project-based engineering applications. Students will develop 5 career focused artifacts (Career and college readiness index).

Art History

0.5 credit

Grade(s): 10, 11, 12

Description: This course is an introductory art history course. The course is a chronological overview of art and artistic expression including architecture, painting, and sculpture, as a reflection of its historical and sociocultural context. The functions and effects of works of art are also emphasized. Students will interpret and explore forms of artistic expression from the past and the present, from a variety of cultures. There will be a studio component to provide exploration of media and methods being studied.

Artistic Problem Solving

0.5 credit

Grade(s): 10, 11, 12

Elective credit

Description: I have a problem: I need a creative way to solve it. Problems come in many sizes and degrees of complexity. This course will explore ways to creatively generate ideas and solve different kinds of problems. The skills learned will assist you in not only other classes but in real life situations as well. This is an art-based class in which you will learn and apply a variety of problem-solving techniques to create a variety of art projects. No art experience required.

Automotive Technology I & II & III

Level I – 2 credits CCR

Level II – 2 credits CCR- Must also take English 11 CCR CTE Level III 2 credits CCR- Must also take Consumer Math CTE

Grade(s): 10, 11, 12

Entering this CTE program is a three-year commitment. You can only drop the program after meeting with the principal and your school counselor.

Prerequisites: ENTRY TO ADVANCED LEVEL I, II, III REQUIRES COMPLETION OF THE PRIOR LEVEL-Introduction to Automotive Technology and Building Construction and submitted application for Automotive Technology. Space limited.

Description: This course provides classroom and hands on lab instruction in service and maintenance in Automotive Technology. Students will perform task completion on various vehicle makes and models. There is also instruction in small air-cooled power equipment and a brief introduction to oxy-acetylene, arc and mig welding. Emphasis is placed on automotive engine repair, engine performance, automotive electrical systems, automotive brakes and automotive steering, and suspension. Students will be prepared for advance schooling, or they would be able to gain entry level employment upon graduation in the exciting transportation technology field.

Band/Choir

1 credit

College & Career Ready Challenge

Grade(s): 10, 11, 12

Prerequisites: Approval of instrumental and choral teachers Description: This elective allows selected students to participate in both concert choir and senior band. The music skills of these students must be well above average. Both the band and chorus instructor may request a demonstration of ability.

Basic Drawing

0.5 credit

Grade(s): 9, 10, 11, 12

Elective credit

Description: This course will introduce students to basic drawing, perspective, and sketching techniques using various media to depict a variety of subjects. This course is appropriate for non-artist that would like to get some basic drawing skill that will help them when wanting to sketch an idea or visually get their point across and communicate two- dimensionally. Digital drawing programs and apps will also be explored using an iPad

Basic First Aid

0.5 credit

Grade(s): 10, 11 12

Elective credit

Description: This course is an elective offered to those students who would like to become certified CPR and first aid responders through the American Health and Safety Institute. In this course students will cover primary assessment, musculoskeletal anatomy, sudden injury, sudden illness, environmental emergencies, splinting, and bleeding control.

Beginning Piano

0.5 credit

Grade(s): 9, 10

Elective credit

Description: Beginning piano will provide piano/keyboard instruction in a classroom setting for students with little previous training. This course will offer the non-music and/or the music student opportunities to obtain basic piano skills. Grading is based on class participation, individual achievement, and written evaluations.

Building Construction I & II & III

Level I – 2 credits

Level II – 2 credits- Must also take English 11 CCR CTE

Level III – 2 credits- Must also take Consumer Math CTE

Grade(s): 10, 11, 12

Prerequisites: ENTRY TO ADVANCED LEVEL I, II, III REQUIRES COMPLETION OF THE PRIOR LEVEL Introduction to Automotive Technology and Building Construction and submitted application for Building Construction. Space limited. Entering this CTE program is a three-year commitment. Student can only drop the program after meeting with the principal and your school counselor.

Description: The Building Construction course of study is an instructional program that prepares an individual for employment or continued education in the occupations of Carpentry, Electrical Wiring, Masonry, or Plumbing. This program is a hands-on introduction to building materials, components, methods, and sequences used in residential construction. The course reveals the fundamentals of safety, tools, carpentry, masonry residential wiring and residential plumbing. It is designed to give students basic, entry level skills in construction related trades along with an overview of career opportunities available. This course covers the vital skills necessary to enter the residential and light commercial construction trades.

Business Law

0.5 credit

Grade(s): 10, 11, 12

Description: This course develops an understanding of business and personal law, legal procedures and remedies, rights and duties of citizens, consumers, workers and business owners, and apply principles to legal situations. Topics of study include ethics, juvenile justice, courtroom procedure and civil, criminal consumer, contract, sales, credit, employment, housing and business law.

Business Principles & Management

1 credit

Grade(s): 10, 11, 12

Description: Business Principles & Management includes how businesses operate and are managed to be successful in our global economy. This course includes topics in the areas of business ownership, business management, human resource management, marketing, accounting, global business, ethics, and finance. This course is strongly recommended for students interested in pursuing careers in accounting, management, marketing, finance or entrepreneurship.

Ceramics & Sculpture I

0.5 credit

Grade(s): 10, 11, 12

Description: This course will introduce students to the design of three-dimensional sculpture using clay and a variety of other interesting materials. Additive, subtractive and manipulation techniques will be used to explore the sculptural form. Students will design using clay, paper, wire, cardboard, wood and mixed media. The serious sculptor or 3-dimensional designer should follow up with Ceramics II, Fine Arts II, AP I & II and or Independent where you can specialize further.

Ceramics & Sculpture II

0.5 credit

Grade(s): 11, 12

Description: This course is designed for the serious sculptor to advance their artistic techniques and knowledge in the field of Ceramics. Students will build on previous skills and will produce ceramic ware by exploring various techniques that may include hand building, wheel throwing and glazing. Emphasis will be placed on the development of a theme, critical analysis and production of high-quality artwork. The class is recommended for students who excel in Ceramics. Students who take this course should have a high level of motivation, diligence, commitment, and independence.

Child Care I & II & III

Level I – 2 credits Career & College Ready Challenge

Level II – 2 credits Career & College Ready Challenge – Must also take English 11 CCR

Level III – 2 credits Career & College Ready Challenge – Must also take Consumer Math

Grade(s): 10, 11, 12

Prerequisites: Must have successfully completed Introduction to Child Care and submit an application to enter Child Care I. Application process may be required to pass from Level I to Level II. Entering this CTE program is a three-year commitment. Student can only drop the program after meeting with the principal and your school counselor.

Description: The Child Care program is designed for any student who may be considering a professional career working in childcare or a child-related career such as: preschools, kindergarten programs, community daycare centers, before and after school daycare centers, private homes, educational consulting agencies, or early childhood classrooms. The program also begins to prepare the student to work towards the CDA-Ready Certification by developing a professional portfolio of resources, materials, and evidence of practical lab work. Each course consists of three parts: the theory of early childhood education, the planning of early childhood learning experiences, and the clinical experience of working with children through the hands-on World of Wonders (WOW) child development lab. Three days per week, students will be working with children ages 3-5 in the WOW program. Topics covered throughout the program include: professionalism, health and safety, understanding the learning environment, child development, classroom management and positive guidance, standards, curriculum and assessment, curriculum development, creating learning experiences, and family and community relationships.

Computer Programming

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: This course is an introductory course in object-oriented computer languages and general computer science. This course is intended to provide familiarity with general-purpose programming by introducing fundamental programming concepts and programming languages. The process of defining a problem, breaking it down into a series of smaller problems and finally writing the code to solve it is followed. This course is a great introduction to both fundamental programming concepts and programming languages in addition to providing a solid background in general computer science understanding. Logical thinking skills and correct programming techniques are emphasized.

Concert Choir

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: Concert Choir meets for 1 block every other day all year. The basic requirements for earning the credit for concert choir are:

- Daily class participation and memorization of music for public concerts
- Participation in the Spring and Winter Concerts
- All Concert Choir members who fulfill their curricular requirements are eligible for participation in Chamber Singers, Show Choir, PMEA and ACDA Choral Festivals and Choir trips
- Participation in additional concerts announced by the director at least three weeks prior to the commitment
- Written evaluations of performances and repertoire
- Vocal music testing at least twice during the school year

Contemporary Literature College and Career Ready

0.5 credit

Grade(s): 10,11, 12

College & Career Ready Challenge

Description: Students enrolled in Contemporary Literature will continue to increase and refine their communication, reading, and critical thinking skills. Students will plan, draft, and complete written compositions on a regular basis. Additionally, Contemporary Literature students will follow a rigorous reading schedule grounded in multiple genres from world literature including selected stories, dramas, novels, poetry, non-fiction, and persuasive writing.

Cooking for Independent Living

0.5 credit

Grade(s): 9, 10

Elective credit

Description: Cooking for Independent Living is a course designed to give students a basic understanding of how to prepare nutritious meals in a fast-paced society. Students will learn about nutrition, MyPlate food guidance system, meal planning, food safety, and consumerism. Food labs integrated throughout the course provide information on how to prepare food correctly, use proper sanitation, implement energy and time-saving cooking methods, as well as learning how to utilize freezing methods and preserving leftovers. Students will apply appropriate cooking techniques while preparing soups, pastas, casseroles, appetizers, meals in minutes, and

many more food items of their choice. Students who wish to further their study may enroll in Foods or apply to the Culinary Arts Career & Technical Program.

Culinary Arts I & II & III

Level I – 2 credits

Level II – 2 credits - Must also take English 11 CCR

Level III – 2 credits - Must also take CTE Consumer Math

Grade(s): 10, 11, 12

Prerequisites: ENTRY TO ADVANCED LEVEL I, II, III REQUIRES COMPLETION OF THE PRIOR LEVEL-Must have successfully completed Introduction to Culinary Arts and submit an application to enter Culinary Arts I. Application process may be required to pass from Level I to Level II. Entering this CTE program is a three- year commitment. Student can only drop the program after meeting with the principal and your school counselor.

Description: This course of study is recommended for the student who plan to pursue further study and employment related to the food service industry. Specialized learning experiences include laboratory work: knife cuts, butchery, heat applications, sauce making, breakfast cookery, vegetable cookery, salads, breads, and pastries. Students will write menus and execute the operation of a restaurant during the three course levels. Students will also be involved in managing catered events throughout the school year. The instruction can lead to entry level employment in the hospitality industry and serves to prepare students for postsecondary Culinary Arts or Hospitality programs." Students who have successfully completed Introduction to Culinary Arts, Cooking for Independent Living or Foods class will be given priority

Dance

0.5 credit

Grade(s): 9, 10, 11, 12

Elective credit

Description: This performance-based class will introduce students to 3 major styles of dance: Ballet, Jazz/Modern, and Broadway. Students will be taught proper technique, positions, and steps for each genre. Students will also research and critique famous dances and choreographers throughout history.

Education of Exceptional Children

1 credit

Grade(s): 11, 12

Description: Students will become familiar with a range of exceptionalities and learn about the associated educational supports available for students with specific needs. They will work with experts in the field and address topics like: cultural inclusion, family involvement, IEPs and 504s (modifications and adaptations). This includes 30 hours of professional field experience.

Engineering and Design

1 credit

College & Career Ready Challenge

Grade(s): 10, 11, 12

Prerequisites: Introduction to Technology and Engineering Description: Engineering and Design is an intense look into the design and creation of modern products and technologies. Students develop an understanding of the engineering design process and how it may be used in the developing and manufacturing of everyday products. Blueprint reading, sketching for design, Computer Aided Design, mathematical and geometric relationships, visual and functional analysis, teamwork and presentation skills, engineering careers, and trends in engineering are just some of the unit topics covered in this course. Additionally, students will be utilizing leading parametric modeling software to create 3-D computer models of mechanical products and to analyze their physical properties.

Engineering Technology I & II & III

Level I – 2 CCR credits

Level II – 2 Honors credits - Must also take Physics I

Level III – 2 Honors credits - Must also take Science Fiction & Techn Lit

Grade(s): 10, 11, 12

Prerequisites: ENTRY TO ADVANCED LEVEL I, II, III REQUIRES COMPLETION OF THE PRIOR LEVEL-Exploring Technology and Engineering, submitted application and CTE recommendation form from Exploring teacher. Space is limited. Entering this CTE program is a three-year commitment. Student can only drop the program after meeting with the principal and your school counselor.

Description: Engineering Technology is a course of study recommended for a student who plans to pursue a career in engineering, manufacturing, transportation, logistics, electronics, or automation. This program prepares individuals to apply knowledge, innovation and technical skills in the engineering and technology fields. Instruction includes safety, ethics, power, problem solving, teamwork, engineering graphics, automated systems, fundamentals of electronics and manufacturing all while adhering to the Science, Technology, Engineering, Art and Mathematics (STEAM) Initiative. Students will have exposure to and hands on experience with current technologies such as Computer Aided Design software, Computer Aided manufacturing software, Additive manufacturing machines (3D Printing), and CNC (Computer Numeric Control) machines. Students completing this program will have the opportunity to graduate with an industry accredited certification.

Entrepreneurship

0.5 credit

Grade(s): 9, 10, 11, 12

Description: Students will identify the fundamentals of business creation and discover the personal characteristics needed to be a successful entrepreneur. Research will be done to identify business opportunities on the local, domestic and global level. A major component of the course will be the development of a hypothetical business plan for the student's unique business venture.

Exercise Science & Sports Medicine I & II

Level I – 2 CCR credits

Level II – 2 Honors credits

Grade(s): 10, 11, 12

Prerequisites: ENTRY TO ADVANCED LEVEL I, II, III REQUIRES COMPLETION OF THE PRIOR LEVEL-Exploring Technology and Engineering, submitted application and CTE recommendation form from Exploring teacher. Space is limited. Entering this CTE program is a three-year commitment. Student can only drop the program after meeting with the principal and your school counselor.

Exercise Science and Sports Medicine I

2 credits

Grade(s): 11, 12

Career & College Ready Challenge

Prerequisites: Must submit an application.

Prerequisites: ENTRY TO ADVANCED LEVEL I, II, III REQUIRES COMPLETION OF THE PRIOR LEVEL Entering this CTE program is a 2-year commitment. Description: Exercise Science and Sports Medicine program is designed for those students interested in the therapy, medical or fitness fields such as Physical Therapy, Athletic Training, Occupational Therapy, Fitness Instructor and Physical Education. The program covers the legal and ethical issues in medicine, emergency care, infection control, injury prevention, treatment, and rehabilitation. This program will develop clinical skills as well as knowledge on many aspects of health. Upon completion of Level I, students will be certified in First Aid, CPR/AED through the American Health and Safety Institute, as well as Blood Borne Pathogens through the American Safety and Health Institute.

Exercise Science and Sports Medicine II

3 credits

Grade(s): 11, 12

Honors Challenge

Prerequisites: Must take Anatomy & Physiology

During level II students will spend the fall semester in clinical rotations at various local physical therapy clinics and Wayne Memorial Hospital. The spring semester will be back in the classroom studying exercise science and nutrition.

Fashion and Costumes Through the Ages I

0.5 credit

Grade(s): 9, 10, 11, 12

Description: This class will explore trends in fashion and theatrical costuming from the 18th through 21st centuries in Europe and North America. In this hands-on course, students will learn valuable skills such as hand sewing, machine sewing and basic pattern design. If you have an interest in fashion or sewing, this is the course for you.

Fashion and Costumes Through the Ages II

0.5 credit

Grade(s): 9, 10, 11, 12

Prerequisites: Passing grade in Fashion and Costumes Through the Ages Description: A continuation of Fashion and Costuming I, here students will further develop their knowledge of machine sewing and pattern reading. Students will also create one-of-a-kind designs and learn how to drape/pattern these designs for custom-made apparel. This course is intended for those students seriously interested in a career in fashion.

Fiber Art

0.5 credit

Grade(s): 9, 10, 11, 12

Description: This course introduces the students to a variety of crafting techniques in the medium of fiber. Students learn the basics of fiber techniques, such as, weaving, felting, batik, sewing, textile techniques, papermaking, and surface manipulation and embellishment to create both decorative and utilitarian pieces. Students will have the opportunity to combine other mediums with these pieces as desired to create their own original designs.

Fine Arts I

1 credit

Grade(s): 9,10,11,12

Prerequisites: Introduction to Visual Arts Description: Fine Arts I is a class designed for the serious art students wishing to sharpen his/her artistic skills and learn advanced techniques in painting, sculpture, drawing and printmaking techniques.

Fine Arts II

1 credit

Grade(s): 11,12

Prerequisites: Introduction to Visual Arts or departmental approval Description: This course will provide students with an extensive background in advanced techniques of drawing and painting using thematic units. Individual needs and creativity will be stressed as well as historical background study of the various major art trends and styles. The student will learn more advanced pottery and craft techniques and have the opportunity for individual work.

Foods

1 credit

Grade(s): 9, 10, 11, 12

Description: Foods is a course designed to give students an overview of how food impacts everyday life. Students learn about the study of nutrition, the applications of the MyPlate food guidance system, meal planning, eating styles, consumerism, as well as food-service related career options. Hands-on cooking experience is gained through food labs which are integrated throughout the course. Students will learn basic cooking techniques and preparation methods while incorporating the principles of safe food-handling and proper sanitation. Students will also gain a multicultural perspective of food as they study the culture and cuisine of foreign countries; meals from those countries prepared. Foods is recommended for any student interested in learning how to prepare food for themselves or a family. Students interested in furthering their study of food may use the successful completion of this course as entry into the Culinary Arts Career & Technical program.

French I

1 credit

College & Career Ready Challenge

Grade(s):8, 9, 10, 11, 12

Description: The objective of the French I course is to develop basic mastery in the four skills of listening, speaking, reading, and writing as well as francophone cultures. Recommended for all 9-12 grade students with average or better grades in English.

French II

1 credit

Grade(s): 9, 10, 11, 12

College & Career Ready Challenge

Prerequisite: A grade of "78" or better is recommended in French I

Description: The second level studies in French attempt to complete the student's mastery of basic language skills, which would enable the student to compete successfully in collegiate study.

French III

1 credit

Grade(s): 10, 11, 12

Honors Challenge

Prerequisite: A grade of "83" or better is required in French II

Description: In this honors level course, it is expected that the students develop a more spontaneous use of the language. Advanced grammatical structures are the focus of this course. Beginning literature is also studied. Students are expected to begin communicating exclusively in the target language.

Advanced Placement French

1 credit

Grade(s): 11, 12

Advanced Placement Challenge

Prerequisite: A grade of "83" or better is recommended in French III

Description: The advanced placement course in the French Language emphasizes the use of language for active communication and helps students develop the ability to understand French in various contexts and a French vocabulary sufficiently ample for reading newspapers and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary. Students will also develop the ability to express themselves coherently, resourcefully and with reasonable fluency and accuracy in both written and spoken French. Students are expected to communicate exclusively in the target language. Students will be required to take the Advanced Placement exam in French language. The cost of the exam will be covered by the school district.

Freshman Band

1 credit

Grade(s): 9

College & Career Ready Challenge

Description: Freshman Band meets every other day for one block. Rehearsals emphasize technique and quality of play through wind band literature.

Curricular requirements:

- Attendance at selected rehearsals and performances, including summer band camp
- Grading is based on 25 percent playing exams, 25 percent written work and 50 percent attendance/participation

All band members who fulfill their curricular requirements are eligible for participation in jazz ensemble, PMEA band festivals, collegiate honors bands and band trips.

*****Summer Band Camp is a requirement for all band students. Students who do not fulfill this requirement will receive a "0" for the course and be removed from band.

Freshman Band/Choir

1 credit

Grade(s): 9

College & Career Ready Challenge

Description: This elective allows selected students to participate in both freshman choir and freshman band. The music skills of these students must be well above average. Both the band and chorus instructor may request a demonstration of ability.

Freshman Choir

1 credit

Grade(s): 9

College & Career Ready Challenge

Description: Freshman Choir meets for one block every other day all year. The basic requirements for earning the credit for this class are as follows:

- Daily class participation
- Written evaluations of performances and repertoire
- Participation in the Spring and Winter Concerts
- Participation in additional concerts announced by the director at least three weeks prior to the commitment
- Vocal music testing at least twice during the school year

Freshman Seminar

0.5 credit

Grade(s): 9

Description: This course serves to introduce our 9th grade students to academic life in high school. The focus will be on helping students to become more academically literate by exposing them to challenging academic texts using specific strategies in a technology rich environment. Strategies used will include but are not limited to: wide reading of text with a focus on nonfiction, use of metacognitive strategies in a collaborative environment, and use of language building strategies to expand vocabulary. Students will also explore high school courses and various career opportunities

German I

1 credit

Grade(s): 8, 9, 10, 11, 12

College & Career Ready Challenge

Description: German I is an introduction to the basics of the German language. Some culture of the German-speaking people is integrated with the basic material. It is recommended for all 9-12 grade students with average or better grades in English.

German II

1 credit

Grade(s): 9, 10, 11, 12

College & Career Ready Challenge

Prerequisite: A grade of "78" or better is recommended in German I

Description: The second level is a continuation into the study of German. There is practice in the four skills: reading, listening, writing, and speaking.

German III

1 credit

Grade(s): 10, 11, 12

Honors Challenge

Prerequisite: A grade of "83" or better recommended in German II

Description: German III is an introduction to a second level textbook that will expand and refine communicative skills. Further emphasis will be on reading and comprehension.

German IV

1 credit

Grade(s): 10, 11, 12

Honors Challenge

Prerequisite: A grade of "83" or better is required recommended in German III

Description: The focus of study is placed on reading various selections of authentic German reading materials, starting with basic and progressing to more difficult. Students will communicate in the target language.

Gifted Education Independent Study

0.5 credit

Grade(s): 9, 10, 11, 12

Honors Challenge

Description: This course is available to students in the gifted education program and is designed to supplement the program. Students will still be able to participate in the gifted program if they do not choose to schedule this course. Under the guidance of the gifted education teacher, students will design an independent study program of their interest that matches standards in the Pennsylvania State Academics Standards. The students and teacher will design projects, goals and assessments. There are a few required units in this course.

Graphic Design Technology

1 credit

Grade(s): 10, 11, 12

Description: This course will provide instruction and training in various Graphic Design employment areas, reflecting local and national labor market needs. Course promotes job competencies that students should master in order to develop the knowledge, skills, and attitudes necessary to secure personally satisfying and socially useful employment. Topics will include Graphic Design, Typography, Web Page Design, Portfolio Design and more. Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver, Adobe Flash will be used. Adobe Certification Possible.

Home Maintenance & Repair

1 credit

Grade(s): 11, 12

Description: Home Maintenance and Repair is a hands-on intensive program intended for students interested in the building trades. The student should want to obtain a working knowledge of home construction principles and theories while developing a skill level through manipulating materials and tools. The course is designed to include carpentry, wiring, and plumbing. Typical projects include rough framing, finish carpentry, simple and complex wiring circuits, and basic plumbing installations and repair. If you plan to own a home, you should make it a priority to take this course.

Human Growth and Development

Grade(s): 10, 11, 12

1 credit

Prerequisites: Introduction to Education

CCR

Description: This course prepares students to understand the nature of human development from conception through adolescence. Emphasis is placed on theories of physical, cognitive, and psycho-social development, the effect of heredity and the environment, the role of caregivers and the family, health and safety concerns, and contemporary issues.

Illustration

0.5 credit

Grade(s): 10, 11, 12

Description: Students will be engaged in the process of developing ideas, sketching and working with visual references in order to communicate a concept through a visual image, such as creating a short children's book. Students will be encouraged to develop a personal style; understand and apply the principles of creative problem solving; and be challenged to explore a variety of techniques.

Independent Fine Arts

1 credit

Grade(s): 11,12

Prerequisites: Fine Arts I or department approval Description: This course is designed for the art student to advance their artistic techniques and knowledge. The student will work on an independent program tailored to his/her specific needs in development of specific skills and portfolio presentation. All students are required to prepare a portfolio of all their work for a final exam grade.

Intermediate Piano

0.5 credit

Grade(s): 10, 11, 12

Prerequisites: Beginning Piano Description: This course is designed for the student who wishes to further their piano keyboard skills after the completion of Beginning Piano. This course will reinforce the concepts of keyboard playing, sight-reading, theory and technique. Each student will be encouraged to proceed at his/her own pace. Grading is based on class participation, individual achievement and written evaluations.

Intermediate Theatre

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: Introduction to Theatre

Description: In this course, students become active participants in the art of theatre. Through scene and process drama, poise and self-confidence are developed. Through practical experience students will gain understanding and appreciation of what is involved in creating characters. Students will also take part in an intensive directing project.

Internship

1 credit

Grade(s): 12

Description: During this learning experience students will participate in seminars led by professionals within their field. It is a great opportunity for students to experience work-based learning and hands-on authentic learning. The aspects of this internship may include, but at not limited to, direct instruction about an important topic or concept by a Woodloch professional, application of the concept to a real-world problem, self-reflection and action plan, and a final group project. All members of the internship will also have to work a minimum of 250 hours in the social staff department to receive the 1 credit.

Introduction to Automotive Technology and Building Construction

0.5 credit

Grade(s): 9

Description: This course provides an introduction to the Automotive Technology and Building Trades programs. Students will learn basic automotive skills such as: replacing windshield wipers, drive belts, various lights, checking fuses, changing a spare tire and other skills which every automobile driver should know. They will also be exposed to small air-cooled engines and various hand tools. In the Building trades they will explore basic skills using hand tools, electrical by wiring a light and receptacle, and carpentry by building a wooden project. Skills learned in this course will help the student with basic knowledge in the future for their vehicles and homes.

Intro to Aviation

0.5 credit

Grade(s): 9, 10

Description: This introductory course in Aviation & Aeronautical Science designed to provide the student with a broad-based aviation orientation in flight-related areas appreciate to aviation-specific industry careers. Subjects include historical developments in aviation and the airline industry; theory of flight; airport operations; aircraft systems and performance; elements of air navigation; basic meteorology theory; air traffic principles; flight physiology; and aviation regulations and safety. Aviation business concepts will be discussed and practiced. Students may travel off-campus to regional airports & aviation facilities when necessary.

Intro to Business

0.5 credit

Grade(s): 9, 10

Description: This introductory course in the area of business, computers and information technology gives a broad overview of the areas of study in these fields. Students will participate in “hands-on” learning experiences in the career clusters of Business, Management & Administration, Information Technology and Technology fields. Students will connect the skills they need for their future, thereby, placing them on a pathway to success.

Intro to Child Care

0.5 credit

Grade(s): 9

Description: This course is designed for students who enjoy working with children and are considering a career in an early childhood education or a child-related field. Students will explore a range of topics in order to introduce them to the field of childcare. Topics include, learning through play, physical, intellectual, social, and emotional development of children. Students will create hands-on developmentally appropriate activities and learning experiences and prepare accompanying materials to be used with the children during the World of Wonders (WOW) program as well as participate in the WOW program, a hands-on development lab, which runs three days per week. Students may apply for enrollment into the Child Care Career & Technical Program after successful completion of this course.

Intro to Computer & Information Technology

0.5 credit

Grade(s): 9

Description: This introductory course will highlight the skills necessary to manage the hardware and software components of a computer system. Students will learn the foundations of computer programming, networking, and components of graphic design. This course will provide students with basic knowledge to continue into the Computer and Information Technology Pathway.

Intro to Conservation and the Environment

0.5 credit

Grade(s): 9

Description: This introductory course is designed for students who have an interest in the natural environment and the science and mathematics that accompany its study. Students will participate in many and varied hands on and minds on activities that focus on how different professionals in this field go about their work. In doing so, students will develop and hone their problem-solving skills, their critical literacy skills, and their communication skills in creative ways. Finally, students will learn about the policies and laws that affect how humans interact with the natural world. Areas of study will include: Diversity, Systems Thinking, and Sustainability/Human/Environment Interactions.

Intro to Culinary Arts

0.5 credit

Grade(s): 9

Description: Introduction to menu planning, recipe standardization, weights and measures, portion control, food safety and sanitation. This course also involves cooking procedures such as baking, roasting, some sauce making and experience with hot smoking meats and cheeses. Also included, is a look at nutrition through MyPlate.gov. Students will also aid in the running of the restaurant and catered events. 9th and 10th graders who want to explore cooking as a profession or merely learn cooking techniques for their own enjoyment will benefit from this class.

Intro to Education

0.5 credit

Grade(s): 9, 10

Description: This course offers students with an opportunity to explore career pathways in education (e.g. primary, secondary, special education). Students will explore learning theories and instructional techniques as well as investigate several current topics like educational technology, creating effective learning environments, and student safety and security. They will exercise professional standards of behavior and participate in field observations across the district.

Intro to Engineering Technology

0.5 credit

College & Career Ready Challenge

Grade(s): 9

Description: This course will give students opportunities to obtain skills that will help them become future designers and engineers in various fields. Activities and topics include exercises in sketching, mechanical drawing, 3-dimensional representation, 3D printing, fundamentals of design, manufacturing processes and career exploration. Students will complete the course by participating in a technical design brief where they will produce a creative solution to a design problem and construct a working model. After completing this course, a variety of advanced courses may be elected.

Intro to Journalism

0.5 credit

College & Career Ready Challenge

Grade(s): 9, 10, 11, 12

Description: This course includes an overview of the field of journalism and mass communication. Students learn to be consumers of media, to understand news gathering and production and will explore the role media in the communications industry in society. This course includes instruction in basic news writing, reporting, editing, discussion of legal and ethical issues.

Intro to Medical Sciences

0.5 credit

College & Career Ready Challenge

Grade(s): 9, 10

Description: This course is recommended for students to enter the two-year CTE Exercise Science and Sports Medicine program. Students considering a career in health care are also encouraged to take this course. Content includes ethical/legal responsibilities of the health care professional and infection control practices. Body systems, medical terminology and health care career exploration are also major course components. "Hands-on" activities include first aid, measuring vital signs and role-play scenarios.

Intro to Protective Services

0.5credit

College & Career Ready Challenge

Grade(s): 9, 10

Description: When tragedy strikes, all first responders play an important role in protecting the public and helping to save lives. This course will focus on the roles and responsibilities of firefighters, emergency medical services providers and law enforcement officials during emergency situations. The basics of all three disciplines will be the primary focus of this course along with exploring college and career opportunities. This course involves in-site learning opportunities, including visiting 911 Centers, local protective services organizations and training centers. Students taking this course should have an interest in learning about Protective Services. Students who take this course may continue on to a three- year Career and Technical Education (CTE) program starting at Wallenpaupack Area High School during the 2021-2022 school year. (Homeland Security, Law Enforcement, Firefighting and Related Protective Services).

Intro to Theatre

0.5 credit

Grade(s): 9, 10, 11,12

Description: This performance-based, project-oriented course offers students the opportunity to explore all aspects of the performing arts. This introductory course is designed to familiarize students with acting, improvisation and children's theatre-just to name a few. Students will experience theatre arts instruction designed to stimulate problem solving, creative thinking and communication skills. This course is created for all students who wish to become involved in theatre arts curriculum.

Intro to Visual Arts

1 credit

Grade(s): 9,10,11,12

Description: Visual Arts is designed as a preparatory course for the study of both fine and graphic arts. It provides a strong background in the basics of two-dimensional design, drawing, painting, sculpture and some crafts. Opportunity is provided for the student to develop his/her creativity as they learn artistic skills. Historic and cultural background and the relationship of art to other disciplines will be discussed where applicable. This course is a requirement for the student who wishes to continue in either the Fine Arts or Graphic Arts program.

Junior Seminar

0.5 credit

Grade(s): 11

Description: This course is designed to provide students an opportunity to work alongside faculty and career counselors to develop individual opportunities to study areas of potential post-secondary education and career interests outside of the school context. Units of study may include Career Building and Exploration, Collaboration and Community Building and Developing Soft Skills. Students will produce and present a culminating project that outlines a plan describing post-secondary education and career interests and goals, how to meet those goals, as well as a plan for developing and following through on external experiences related to those specific individual career goals.

Leadership in Schools and Community

1 credit

Grade(s): 11,12

Possible dual enrollment with *Lackawanna SSC-115 – Leadership in Schools and Community*

Description: The purpose of this course is to strengthen student character and leadership assets by immersing them in opportunities to reflect on their values, attributes, strengths, and weaknesses. They will also investigate school and community related issues and explore topics related to diversity, multiculturalism, and empathy.

Marketing

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: Marketing is for students who are interested in exploring how products are developed, produced, advertised, promoted, and distributed. An emphasis will be placed on marketing in the areas of sports and entertainment, tourism and hospitality, and food service. Other topics will include communication, interpersonal, leadership and technology skills as well as career development strategies.

Music Appreciation

0.5 credit

Grade(s): 9, 10, 11, 12

Description: A student will be given a comprehensive background in musical styles, instruments, genres, history, notation, singing and listening. The student will be assessed through class participation, assignments and projects and periodic testing.

Music Theory

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: This course is recommended for the student who plans to study music. Students will be required to sing tonal patterns using solfege and do both rhythmic and melodic dictation. They will be required to read treble and bass clef as well as analyze music using roman numeral analysis and figured bass. They will receive comprehensive background in scales, keys, meter, rhythm, intervals, notation, melody, harmony, chord structure and transposition.

Musical Theatre I

0.5 credit

Grade(s): 9, 10, 11, 12

Description: Designed for singers who want to act and actors who want to sing, the Musical Theatre course will include areas of study in scene and song performance, direction and movement/choreography. A performance-based class; students will have the opportunity to experience group and solo presentations of significant plays of American Musical Theatre.

Musical Theatre II

0.5 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: Musical Theatre

Description: This is a continuation of Musical Theatre I. Students who have taken Musical Theatre I may sign up for this course. This course will go further in depth into Musical Theatre performing. Students will be required to study musical theatre history as well as prepare and perform musical theatre songs in group and individual settings. This class is for those students seriously interested in performance and music.

Networking Essentials

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: This course builds on student's existing user-level knowledge and experience with personal computer operating systems and networks to present fundamental skills and concepts that they will use on the job in any type of networking career. Students will identify and describe all the major networking technologies, systems, skills, and tools in use in modern networks, and learn information and skills that will be helpful as they prepare for the CompTIA Network+ certification examination. A student may opt to take the Certification exam off-site and at the student's expense.

Photography I

1 credit

Grade(s): 10, 11, 12

Prerequisites: Introduction to Visual Arts

Description: This course will introduce students to the basic principles and applications of digital photography as a medium, a tool for visual problem solving, and an important part of today's digital needs. Topics covered include capturing images manually and programmed with a digital SLR; compositional and lighting techniques; and history, aesthetics, and career information. This course will also familiarize the students with Adobe Photoshop and its relationship with digital photography. Topics covered include digital darkroom techniques; image correction and manipulation; layers, filters, and selections; and storage, scanning and printing of images. Students are financially responsible for any school provided camera loss or damage from abuse.

Photography II

1 credit

Grade(s): 11, 12

Prerequisites: Photography I

Description: All facets of black and white photography will be explored: shooting (portrait, studio, advertising, sports, candid and still life), developing and various printing techniques. A research paper and portfolio are required. Basic knowledge of a 35mm camera is helpful. Each student can use his/her own 35mm camera.

Arrangements will be made for students who don't own their own camera. Students are financially responsible for camera loss or damage from abuse.

Photoshop Basics

0.5 credit

Grade(s): 9, 10,11,12

Description: This introduction to Adobe Photoshop begins with an overview of the Photoshop digital editing environment and continues with the Photoshop suite of editing tools, tips and techniques. Students will develop fundamental skills including working with photographs, starting with a new document, various selection techniques, layers, introductory blend modes, and adjustment layers.

Principles of Instruction: Literacy & Numeracy

1 credit

Grade(s): 11, 12

Honors Challenge

Prerequisites: Introduction to Education/ Human Growth and Development

Description: This course is designed to develop competencies related to supporting the learning activities of students that involve literacy, numeracy, and learning theory. During this course students must participate in and document 30 hours of practicum.

Protective Services I

3 credits

Grade(s): 10, 11, 12

College and Career Ready Challenge

Description: The Wallenpaupack Area School Districts Protective Services Program has partnered with the Pike County Public Safety Training Center to prepare our students to apply technical knowledge and skills required to perform entry-level duties in law enforcement, firefighting, emergency medical services, and other safety services. This program will focus on law enforcement for 10th grade students, emergency medical services (EMS) for 11th grade students, and firefighting for 12th grade students. Students can gain numerous national certifications in this program, most notably Emergency Medical Technician (EMT) and Firefighter I certifications. Additional national certifications include Traffic Incident Management (TIMS) and Incident Command Systems (ICS 100/200/700/800), as well as an introduction to the various other careers associated with Protective Services (911 Dispatcher/Emergency Management/Probation/Sherriff/etc.) The goal of the Protective Services program is to provide students with the knowledge and training needed to become professionals in the numerous fields of public safety and are thereby able to serve their community whether it be professionally and/or as a volunteer.

Protective Services II

3 credits

Grade(s): 11, 12

College and Career Ready Challenge

Description: Protective Services II prepares students to apply technical knowledge and skills required to perform entry-level duties in Emergency Medical Services (EMS) and other safety services. This program stresses the techniques, methods, and procedures peculiar to the areas of emergency and disaster situations. Physical development and self-confidence skills are emphasized due to the nature of the specific occupation(s). Students receive training in social and psychological skills, map reading, and equipment operations. Protective Services II will include the following topics: universal precautions, medical and anatomical terms, appropriate care for patients based on their age, pharmacology in EMS, scene safety and immediate life threats, recognize and manage life threats for a medical or traumatic emergency, and provide patient care for cardiac arrest victims. This course is a combination of both classroom and “Hands on” instruction. Our partnership with the Pike County Training Center allows our students to perform these skills in a training environment that mirrors real world situations (ex. Vehicle Crashes, Collapses/etc.) Students will have the opportunity to test for their Pennsylvania EMS-B certification.

Residential Architecture

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: In this course, students will be introduced to the world of architecture, typical home construction, and architectural computer aided design techniques. Students are given the task to creatively design a functional, yet aesthetic home meeting class criteria and guidelines. They are asked to produce a floor plan, elevation plan, scaled model, and various presentations such as a virtual walkthrough. Topics of study include the history of architecture, interior home layout, structural concerns, site considerations, cost factors, architectural styles, human factors, architectural computer aided design techniques, and model making.

Robotics

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Description: In this course, students will be introduced to the world of robotics and automation. Students will work to assemble, program, and operate robots to test their effectiveness in competing assigned tasks. Topics of study will include history of robots, the role of robotics in the modern world, ethical considerations in robotics, automation, programming assembly, troubleshooting, equipment safety, design, and prototype testing. Additionally, students will work towards the design, construction, programming, and testing of their own robots.

Senior Band

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: Previous band experience Description: Senior Band meets every other day for one block. Rehearsals emphasize technique and quality of play through wind band literature.

Curricular requirements:

- Attendance at selected rehearsals and performances, including summer band camp
- Grading is based on 25 percent playing exams, 25 percent written work, and 50 percent attendance/participation

All band members who fulfill their curricular requirements are eligible for participation in jazz ensemble, PMEA band festivals, collegiate honors bands, and band trips.

*****Summer Band Camp is a requirement for all band students. Students who do not fulfill this requirement will receive a "0" for the course and be removed from band.

Senior Seminar

0.5 credit

Grade(s): 12

Description: This course is designed to provide hands and minds on experiences in financial literacy for all students. Areas of study in Senior Seminar include Financing Post-secondary Education, Income, Employment, and Taxation, Budgeting and Banking, Credit Cards vs Debit Cards, Insurance, Making Large Purchases, Financing Housing, and Investing for the Future. In addition to the Financial Literacy aspect of Senior Seminar, each senior will also present a culminating project that reflects progress and any changes in the plan they have developed along with faculty and career counselors in the Junior Seminar. This plan includes a reflection on their High School career, a summary of intentionally planned career exploration experiences, and an outline of post-high school career/education plans.

Small Engine Technology

1 credit

Grade(s): 11, 12

Description: This course is designed for students who are interested in the operation, construction, overhaul, and diagnosis of small air-cooled gas engines. Emphasis will be placed on: safety, tools, theory of 2 and 4 stroke engines, trouble shooting, overhaul, and related equipment. Students may use their own small engines to perform the class responsibilities.

Sophomore Seminar

0.5 credit

Grade(s): 10

Description: This course is designed to engage students in an extensive problem-solving experience. Whether it be service-oriented, entrepreneurial, or scientific, the problem to solve is chosen by the student. This course includes technological applications, career development, and an Internet Safety and Security discussion. The work produced by students will be uploaded to the student's Career Portfolio, which will serve as a repository that the student may use with future employers/post-secondary education providers to showcase their High School accomplishments and career preparation activities.

Spanish I

1 credit

College & Career Ready Challenge

Grade(s): 8, 9, 10, 11, 12

Description: Spanish I is designed to develop a basic knowledge of the Spanish language and cultures through work in the four language skills of listening, speaking, reading, and writing. Recommended for all 9-12 grade students with average or better grades in English.

Spanish II

1 credit

Grade(s): 9, 10, 11, 12

College & Career Ready Challenge

Prerequisite: A grade of "78" or better is recommended in Spanish I

Description: Spanish II is a continuation of the first level course. It is designed for those students who have successfully completed one level of Spanish studies. The student's knowledge of the language and culture will be enhanced through work in the four skill areas of listening, speaking, reading, and writing.

Spanish III

1 credit

Grade(s): 10, 11, 12

Honors Challenge

Prerequisite: A grade of "83" or better is required in Spanish II

Description: This honors level course is designed for those students who have completed Spanish II. Spanish III is a continuation of the second level work with the aim of achieving fundamental competence in the four language skills, enabling the student to compete successfully in collegiate study. Students are expected to communicate in the target language.

Spanish IV

1 credit

Grade(s): 10, 11, 12

Honors Challenge

Prerequisite: A grade of "83" or better is recommended in Spanish III

Description: Spanish IV includes advanced work in the four language skills as well as emphasis on oral expression. Students are expected to communicate exclusively in the target language as much as possible.

Advanced Placement Spanish

1 credit

Grade(s): 11, 12

Advanced Placement Challenge

Prerequisite: A grade of "83" or better is recommended in Spanish IV

Description: This advanced placement course in the Spanish language emphasizes conversation based on authentic reading materials and current events. There is also a large emphasis on culture. Students will enhance their knowledge of Spanish in the four skill areas of reading, writing, listening, and speaking. Students are expected to communicate exclusively in the target language. Students will be required to take the Advanced Placement exam in Spanish language and culture. The cost of the exam will be covered by the school district.

Story Theatre

0.5 credit

Grade(s): 10, 11, 12

Prerequisites: Introduction to Theatre

Description: This performance class offers students the opportunity to select, rehearse, and perform in dramatized children's literature. The literature will come from the curriculum from our Primary and Intermediate schools. Students will prepare a show and take the performance on tour, during class time, to those schools. Students will take an active role in performing, producing, and booking the tour.

Student Facilitators (Helping Professional Course)

0.5 credit

Grade(s): 10, 11, 12

Description: Students must show a positive attitude toward the school and community. Student disciplinary referrals will be part of the prerequisite review and must be minimal for acceptance and continuation into the program. Student Facilitators is designed for students interested in helping and mentoring others. An activities approach will include individual and group presentations, lectures by experts in the field, and "hands-on" training and role-playing. The course requires students to work with elementary, middle, and high school students.

Student Facilitators for Special Projects Seminar– PERFORMING ARTS

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Prerequisites: Student Facilitators

Description: This 2nd semester course is designed for students who are interested in developing interpersonal skills working directly with other students. Group and individual projects in the performing arts will be used as a focus for assisting others in the development of social and artistic skills. This course is recommended for students considering careers in teaching, counseling, or other related fields. Students will serve as "student teachers" for the class and will be required to work on lesson plans, grading & journals.

Student Facilitators for Special Projects Seminar– PHYSICAL EDUCATION

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Prerequisites: Student Facilitators

Description: This course is designed for students who are interested in developing interpersonal skills working directly with other students. Activities in physical education will be used as a focus for assisting others in the development of social and physical skills. This course is recommended for students considering careers in teaching, counseling, physical therapy, occupational therapy, or other related fields. Students will serve as "student teachers" for the class and will be required to work on lesson plans, grading and journals.

Student Facilitators for Special Projects Seminar– VISUAL ARTS

1 credit

Grade(s): 11, 12

College & Career Ready Challenge

Prerequisites: Student Facilitators

Description: This course is designed for students who are interested in developing interpersonal skills working directly with other students. Group and individual projects in the visual arts will be used as a focus for assisting others in the development of social and artistic skills. This course is recommended for students considering careers in teaching, counseling, or other related fields. Students will serve as “student teachers” for the class and will be required to work on lesson plans, grading and journals.

Stunts and Action on Stage

0.5 credit

Grade(s): 9, 10, 11, 12

Description: In this hands-on course, students will explore and learn physical theatre, tumbling, and stunts. Through scene work, students will develop necessary acting skills in order to create realistic fight scenes. Utilizing these strategies students will gain self-discipline, body control/strength, and improvisational skills.

Technical Theatre

1 credit

Grade(s): 9,10,11,12

Description: Have you ever wanted to be involved in theatre but the thought of standing on stage singing and dancing made you faint? With a hands-on approach you will learn the different opportunities there are to be involved in theatre but never set foot onstage. We will cover operating the sound and light boards, building model sets, and other opportunities in technical theatre.

Video Production I

1 credit

Grade(s): 9, 10, 11

Description: This course is designed to allow for the full exploration of careers and opportunities in the field of video production. This course is divided into six related areas of study: audio production, video production (pre-production, production, post-production), news, media ethics, large scale remotes, and television advertising. Students will learn to write scripts for radio and television, design television lighting diagrams, studio set blocking, operation of video cameras and computerized digital video editing. Students will also learn the complete operation procedures of studio television production and portable remote television production. Students are required to maintain production notes and handouts to reinforce studio applications and video demonstrations.

Video Production II

1 credit

Grade(s): 10, 11, 12

College & Career Ready Challenge

Prerequisites: Video Production I

Description: This is an advanced production course designed to give students hands-on experience in pre-production, production, and post-production. Students will learn advanced camera technique, editing principles and applications. This course will allow students to apply skills learned in video production I and develop individual production ideas and content. Areas of script writing, camera technique, lighting, and editing will be explored in detail providing an experience that resembles a working video production company. Students will be responsible for creating an individual studio live- on-tape production using multiple video cameras, lighting, and audio equipment. Some assignments may require students to sign-out portable video cameras for specific production purposes. Performance is based on tests and evaluation of video projects with criteria assessed on a rubric scale format.

Video Production III

1 credit

Grade(s): 11, 12

College & Career Challenge

Prerequisites: Video Production II

Description: This course will further explore the areas of pre-production, production, and postproduction by applying advanced instruction in camera, lighting, and editing while working on individual video assignments and client-based productions. Students will explore areas of creating videos in an electronic field production format with emphasis on the student's creative ability to use the principles of video production within the studio environment. Assessment will be on tests, individual video productions, and the completeness at each level. Students will produce "script to screen" quality productions containing areas that resemble client-based procedures, and production facility guidelines. Several remote field productions will be scheduled to further develop skills as found in independent productions facilities. Specific deadlines and criteria will be adhered as part of the assessment process

Virtual Business Practice – Part A

0.5 credit

Grade(s): 11, 12

Description: The Virtual Business Practice firm (VBP) is a "simulated" business that mirrors the real world. A VBP is a company established, researched, operated, and evaluated by students with the assistance of one or more teachers/facilitators and with the help of an actual local business. Students simulate purchasing, selling, financing, and managing goods and/or services. The local VBP is a part of a closed network of participating U.S. and foreign schools, coordinated by Virtual Enterprises International. High school and college membership have grown to more than 4,000 VBP's in the United States, Europe, Canada, Australia, and Asia.

Virtual Business Practice – Part B

0.5 credit

Grade(s): 11, 12

Prerequisites: VBP – Part A Description: This course is a continuation of Virtual Business Practice – Part A. Students will continue to learn about business by performing the functions of business in a dynamic learning environment. Students will enhance their skills in the main business areas of marketing/sales, purchasing, finance and human resources, develop inter-personal skills, and deepen their understanding of what it takes for a business to be successful in our 21st century global economy.

Visual Communications

0.5 credit

Grade(s): 9, 10, 11, 12

Description: For students interested in business, technology, and art. This course will teach techniques and skills in self- promotion, digital entrepreneurship, advertising/marketing, desktop publishing and communication, web design/development, app/mobile development, 2D design and packaging, digital imaging, digital illustration, typographic design, package design and provide student with a digital portfolio.

Web Design and Development

0.5 credit

Grade(s): 9, 10, 11, 12

Description: This course provides an introduction to web technologies. An overview of web page design and the World Wide Web is provided as students are introduced to web page authoring, web design and content development. Elements of graphic design, scripting, and web 2.0 technology are explored. Software used in this class includes the Adobe Suite. Research, organization, and presentation skills are essential components of this course. Ethical and related legal issues of web-based actions are also discussed during this course

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