

NEW OXFORD HIGH SCHOOL



2018-2019 SCHOOL YEAR COURSE SELECTION GUIDE

Course Selection Guides will only be distributed to incoming 9th graders (2018–2019). Please retain your copy. Course Selection Guides are available online at <http://www.conewago.k12.pa.us/NOHS-GUIDANCE.html>. Choose “downloads,” and then click on 2018-2019 “Course Selection Guide.”

Dear Parents and Students:

The Course Selection Guide will provide you with information necessary for course selection for the 2018/2019 school year. It also serves as the description of the academic program at New Oxford High School (NOHS).

Students at NOHS are fortunate to have an excellent faculty and educational program available to them. I urge you to use this guide to take advantage of these educational opportunities.

The administration, counseling staff, and faculty are available to assist you with information and suggestions regarding course selections. Please contact us if you have any questions.

Sincerely,

*Mr. Kevin R. Thomas
Principal*

TABLE OF CONTENTS

Adams County Tech Prep Program	Page 5, 47
Agriculture	Page 40
Art	Page 30
Business	Page 36
Course Selection Form	Page 51
Family and Consumer Science (Home Economics).	Page 42
Foreign Language	Page 15
Grading Scale	Page 5
Health/Physical Education/Driver Education.	Page 10
Keystone Exams	Page 4
Language Arts	Page 12
Mathematics	Page 26
Music	Page 32
NCAA Information for College Bound Student Athletes	Page 9
Other Opportunities	Page 47
Schedule Changes	Page 8
Scheduling Information	Page 3
Science.	Page 22
Senior Scheduling Information	Page 50
Social Studies	Page 17
Technology Education.	Page 37

NEW OXFORD HIGH SCHOOL SCHEDULING INFORMATION

- All students in grades 9, 10, and 11 must schedule eight subjects each year. Students must schedule to meet graduation requirements listed on page 7.
- **Certain core courses, as well as general electives, will require a practical number of registrants before being offered.** In choosing electives, students are asked to choose alternate electives in order of their preference. If more students than can be accommodated choose an elective, seniors will be given preference, then juniors, etc.
- **Some electives require a fee to be paid to help offset the costs of materials used to create student projects (indicated on the course selection by a "\$").**
- Each course name is followed by one of the following: L1, L2, L3, or L4. These indicate the weight and level of each subject as follows:

Level 1 – (Weight 1.00) (*Regular*)

Post-secondary plans: These courses are designed for students planning to continue their education at a trade or technical school or to enter the job market after high school. Level one courses may also be used to explore areas of interest or to develop skills needed for survival in the adult world. Level one courses are not designed to prepare students for college.

Expectations: The classes consist of teacher directed projects, activities, and assignments focused on the mastery of basic skills. Instruction is designed to match the ability level of the students in the class. Students will be expected to complete all assignments both in and out of class. Class participation is an important aspect of the grade as is proof that the basic skills have been mastered.

Level 2 – (Weight 1.10) (*Academic*)

Post-secondary plans: These courses are designed to prepare students for either the world of work or for some form of education beyond high school, including trade and technical schools, and two and four year colleges.

Expectations: Emphasis is on the mastery of the content with more responsibility resting with the student. Activities, both in and out of class, will be less teacher directed and require more out of class time by students. Class participation and completion of all assignments are essential. Students will be expected to work independently on assignments and devote time outside class to reading, research, and projects.

Level 3 – (Weight 1.20) (*Honors*)

Post-secondary plans: These courses are designed to prepare students for entry into four-year colleges or universities and are classified as honors classes.

Expectations: Work is challenging both in the amount required and the quality demanded. The use and application of knowledge will demonstrate mastery of skills in creative and unique manners. Much emphasis is placed on student responsibility with numerous independent assignments. Class participation and completion of all assignments are essential. Significant number of out of class assignments will be part of course requirements. Research papers, projects, summer reading, or similar assignments are required of all level three classes.

Level 4 – (Weight 1.30) (*Dual Enrollment/AP*)

Post-secondary plans: These rigorous courses are designed to prepare students for entry into highly competitive four-year colleges or universities. Students may earn college credits at the conclusion of these courses pending successful AP exam score or course grade. (CHS courses require a "C" or higher to obtain college credits).

Expectations: Work is challenging both in the amount required and the quality demanded. The use and application of knowledge will demonstrate mastery of skills in creative and unique manners. Much emphasis is placed on student responsibility with numerous independent assignments. Class participation and completion of all assignments are essential. Significant number of out of class assignments will be part of course requirements. Research papers, projects, summer reading, or similar assignments are required of most level four classes. Students choosing to take more than one of these level courses should expect to find it difficult to balance competing demands.

Subjects are weighted according to difficulty. Weighting does not affect the honor roll or credits.

The weight is a reward to those students who take the more difficult subjects. The weighting increases the Grade Point Average (GPA.). This weighted average is referred to as the Quality Point Average (QPA). It improves class standing. For example, a student who takes a Level 1 (1.00) subject will have his GPA increased by 0 percent, a Level 2 (1.10) by 10 percent, a Level 3 (1.20) by 20 percent and a Level 4 (1.30) by 30 percent. Thus, a student who earns a Level 1 (1.00) grade of "B" earns a QPA of 3.00, a Level 2 (1.10) grade of "B" earns a QPA of 3.30, a Level 3 (1.20) grade of "B" earns a QPA of 3.60, and a Level 4 (1.30) grade of "B" earns a QPA of 3.90.

Rankings will only be shared based on 10 percent groupings or deciles. The groupings will be determined based on the class size. If a numerical rank is needed for a specific scholarship, the student's school counselor will release it directly to the college or scholarship committee.

Advanced Placement courses offered are: Calculus, Statistics, World History, US Government and Politics, Microeconomics/Macroeconomics, Physics I, and Biology. Advanced Placement examinations are offered during the first two weeks of May. These exams are required for the students taking these courses. Students not enrolled in an AP course may also take the examination. The entire cost of the exam is the responsibility of the student and/or the parent(s)/guardian(s). Students scoring high enough on these exams may be awarded credit by the college they choose to attend.

NOTE: PVAAS projects and PSSA results will be used to place students entering into school programs and coursework. *Students who do not achieve "proficient" levels in math and/or reading on standardized assessments may be required to take additional math and/or reading remediation.

Pennsylvania Department of Education (PDE) Keystone Exams

The Keystone Exams are end-of-course assessments designed to assess proficiency in the subject areas of Algebra I, Biology, and Literature. The Keystone Exams are one component of Pennsylvania's new system of high school graduation requirements. Keystone Exams will help school districts guide students toward meeting state standards, standards aligned with expectations for success in college and the workplace. In order to receive a diploma, students must also meet local and district credit and attendance requirements, along with any additional district or state requirements. (The mandates from the State Department of Education regarding the Keystone Exams are addressed by the year of graduation under each graduating class's Graduation and Promotion Requirements.)

ADAMS COUNTY TECH PREP

The Adams County Tech Prep Program offers five 2-year programs for students beginning their junior year.

All the ACTP Programs provide an academic and technical foundation that is essential for students who have an interest in pursuing a career in these fields. The technical courses begin in the junior year and connect theory with practice in addition to lab/shop experiences. Second level seniors continue with classroom and lab instruction in addition to shadowing opportunities at local sites in the community. Although Algebra 2 and Chemistry meet the requirements for the math and science components of this program, students are encouraged to take the highest level sequence of which they are capable. Students accepted into the program will be in courses with students from other Adams County schools. The courses for all the Tech Prep programs are held in the ACTP building on the Gettysburg Area High School (GAHS) campus.

Level 1 courses run from 7:30 to 9:40 a.m. daily

Level 2 courses run from 12:00 to 2:35 p.m. daily

Any sophomore level student wishing to be considered for one of these programs should obtain an application from the guidance office. The completed applications must be returned to the guidance office no later than January 29, 2018. A maximum of four to six students are permitted from each school district for the Allied Health program, Culinary Arts, Diesel Mechanics, Law Enforcement/Police Science, and Networking/Telecommunications. Selection for admission into the programs

will be based on the student's intended further career plans, grade point average, class rank, and evaluations from English, Math, and Science teachers.

Successful completion of the Tech Prep two year program can qualify students for articulated college credits. There are also opportunities for "College-in-the-High School" credit through HACC in selected programs. An exam through NOCTI (National Occupational Competency Testing Institute) is taken by all seniors finishing the programs as part of the acquisition of these credits.

Please see the Course Selection Guide for additional descriptions of each course.

GRADING SCALE

The grading scale for school year 2018 – 2019 has been changed. Students will no longer have the ability to earn an "A+" letter grade.

Letter Grade	Numerical Equivalent	Percent Equivalent
A	4.0	95-100
A-	3.6	92-94
B+	3.4	89-91
B	3.0	86-88
B -	2.6	83-85
C+	2.4	80-82
C	2.0	77-79
C-	1.6	74-76
D+	1.4	71-73
D	1.0	68-70
D-	.6	65-67
F	0	0-64
INC – Incomplete	EX - Excused	

CLASS OF 2022 GRADUATION AND PROMOTION REQUIREMENTS

Certain minimum requirements for graduation have been established by the school in conjunction with requirements mandated by the State Department of Education. These requirements must be met before a high school diploma can be awarded. All students are required to earn a minimum of 28 credits (specified) in grades 9 through 12.

* All students must take a core English, Social Studies, Mathematics, and Science classes in grades 9, 10, 11, and 12.

* All students must complete their own graduation portfolio.

* For the graduating class of 2017, students must demonstrate successful completion of secondary-level course work in Algebra I, Biology, and Literature.

AREA	CREDITS	NOTES
<i>Language Arts</i>	4 credits	A total of 4 credits must be passed in Language Arts. In addition to passing the 4 required language arts credits, students are required to take the Keystone Literature Exam. Students who have not demonstrated proficiency in reading and writing will be remediated. Remediation may include supplemental course work.
<i>Social Studies</i>	4 credits	A total of 4 credits must be passed in Social Studies. Students are required to pass American History in 9 th grade, World Cultures in 10 th grade, Civics and Government in 11 th grade, and Global Economics in 12 th grade. If students take AP World History, and/or AP Micro/Macroeconomics, only 1 credit counts towards a Social Studies credit, the other credit counts towards an Arts and Humanities credit.
<i>Mathematics</i>	4 credits	A total of 4 credits must be passed in math. Ninth graders may only take more than one math course with the approval and signature of their 9 th grade math teacher. Tenth through twelfth graders may take more than one math course if they choose or if needed. In addition to the 4 required mathematics credits, students are required to take the Keystone Algebra I Exam. Students who have not demonstrated proficiency on the Keystone Algebra I Exam will be remediated. Remediation may include supplemental course work.
<i>Science</i>	4 credits	A total of 4 credits must be passed in science. Students must register for one science their 9 th grade year. Ninth graders may not take more than one science class. Tenth through twelfth graders may double up on science if they choose or if needed. All students must take General Science in 9 th grade and Biology 1 in 10 th grade as well as take the Biology Keystone exam. Students who have not demonstrated proficiency on the Keystone Biology Exam will be remediated. Remediation may include supplemental course work.
<i>Health, PE, & Dr. Ed.</i>	3 credits	Students must earn a total of 3 credits in grades 9 through 12.
<i>Computer Technology</i>	1 credit	Technology is defined as any course that requires a student to use and apply computer hardware and software (Approved courses are Beginning Microsoft Office, Advanced Microsoft Office, Intro. to Business Software HACC, Drafting, Computer Programming I, Photography I, Accounting, and Graphics.)
<i>Humanities, Practical Arts, or Fine Arts</i>	2 credits	Humanities are defined as any Foreign Language, Language Arts electives, or Social Studies elective. Practical Arts are Family and Consumer Science, Agriculture, or Science courses. Personal Finance, Accounting, and Intro to Business are also Practical Arts courses. Fine Arts are any music or art classes.
<i>Electives</i>	6 credits	Students must earn a total of 6 credits in grades 9 through 12.
Keystone Exams		As required by the state of Pennsylvania, students must participate in the Keystone Exams in Biology, Literature, and Algebra I.
Total	28 credits	Any additional district or state requirements.

If a student plans to attend college or any school beyond high school, it is his or her responsibility to investigate admission requirements and make certain he or she has scheduled the required subjects.

TRANSFER CREDITS AND GRADES

We will accept the credits and grades from any public, private, or charter high schools with a valid transcript. Generally, home-schooled students will be accepted as ninth graders unless they submit a valid transcript.

ALTERNATIVE CIRCUMSTANCES

All are contingent upon pre-approval from the principal.

ONLINE

Currently we will accept credits that have been pre-approved by the principal.

CREDIT RECOVERY CLASSROOM

The credit recovery class is designed so students with a credit deficit have the opportunity to complete course work on-line. An application and administrative approval are required.

DISTANCE EDUCATION

Some classes are offered through distance learning as high school classes and will be counted for credit and calculated into a student's GPA (if the course has been pre-approved by the principal) when this information is reported to NOHS by the sending school.

COLLEGE IN THE HIGH SCHOOL

Some college level classes are taught by NOHS teachers through special arrangements with local colleges. A student may simultaneously earn college and high school credit. The transfer of these credits upon graduation is at the discretion of the receiving college. These classes will count towards graduation credits and grades are calculated into the student's GPA. **It is the student's responsibility to obtain college transcripts from the granting institution and have them sent to the institution he or she will be attending.**

OFF-CAMPUS COLLEGE CLASSES

In cases where a junior or senior has met a majority of the high school graduation credits, he or she may choose to enroll in college classes at a local college during the senior year **with pre-approval of the principal.**

Tuition (when applicable), scheduling, and completing requirements for any extra class in the above categories are the responsibility of the student and the parent. All situations will be reviewed on a case-by-case basis and approved by the principal. Extra-ordinary circumstances will be addressed by the principal and the superintendent.

STUDENT SCHEDULE CHANGES

The deadline for all changes is provided when schedules are distributed. Students' second semester schedules may be changed by the administration due to first semester performance. All changes are subject to administrative approval and course availability.

Students who feel there is an error in their schedules should bring this to the attention of the Guidance Office **prior** to the end of schedule changes. If it is determined that an error does exist, necessary changes will be made after consultation with the teachers involved. These changes will not appear on the student's permanent record.

After the sixth student day, changes will not be made unless there is a unique reason that is determined by the principal to be in the best interest of the student after consultation with the parent(s) or guardian(s), the school counselor, and the teacher(s) involved. Arrangements for making up back work must be approved by the receiving teacher. The change will not appear on the student's permanent record.

Parent(s) must approve schedule changes. If a student drops a course after the first marking period, the subject dropped will be recorded on the student's permanent record with a WP (Withdrew Passing) or WF (Withdrew Failing) based on the student's grade at the time of withdrawal. **A "WP" OR "WF" WILL NOT AFFECT CLASS RANK. A "WF" WILL KEEP A STUDENT OFF THE HONOR ROLL FOR THE MARKING PERIOD IN WHICH IT WAS RECEIVED; A "WP" WILL NOT.** No students may drop a course in the last 30 school days of the semester.

Teachers and/or school counselors are available for conferences to suggest, advice, and discuss course selections. For conferences, contact the Guidance Office by calling 624-2157, ext. 2012.

IMPORTANT NEWS FOR POTENTIAL COLLEGE ATHLETES

NCAA Information for the College Bound Student Athlete

Many college programs are regulated by the National Collegiate Athletic Association (NCAA) that has established rules on eligibility, recruiting, and financial aid. The NCAA has three membership divisions - Division I, Division II, and Division III. Institutions are members of one or another division according to the size and scope of their athletic programs and whether they provide athletic scholarships. **If you are planning to enroll in college, and you wish to participate in Division I or Division II athletics, you must be certified by the NCAA Eligibility Center. The most recent information along with information on the clearinghouse process can be found at:**

<https://web3.ncaa.org/hportal/exec/homeAction>

To play sports at an NCAA Division I or II Institution, the student must:

1. Complete a certain number of high school core courses.
2. Earn a certain minimum grade point average in these core courses.
3. Earn minimum score on SAT or ACT.
4. Graduate from high school.

For more information, see the NCAA's Guide for College-Bound Student-Athlete, in the Publications sections of the NCAA website.

New Oxford High School Course Selections

2018 - 2019

Foundations Health & PE L1

Course #: 0100 **Credits:** 1.00

Grade: 9

Dept: HP

Pre-Requisite:

For the 2017-2018 school year and beyond, students will have the opportunity to choose between Competitive and Recreational Physical Education. Every student must take and pass one of the PE options. Students will choose between Foundations PE or Competitive PE. The requirements for getting into Competitive PE include: a Pacer score of 35 for girls and 50 for boys in Middle School PE, two sport athlete at the middle school level, and/or teacher recommendation. The teacher recommendation trumps all other requirements. Foundations PE will have the same emphasis as traditional high school PE classes.

Course Details: PE Foundations will have the same emphasis as traditional high school PE classes. These include daily fitness opportunities and recreational game play.

Competitive Health & PE L1

Course #: 0101 **Credits:** 1.00

Grade: 9

Dept: HP

Pre-Requisite: Pacer score of 35 for girls and 50 for boys in middle school PE, 2 sport athlete at the high / middle school level, and/or teacher recommendation.

Summary: This class includes daily fitness opportunities and competitive gameplay. Competitive PE will emphasize competition with special focus on offensive and defensive strategies within games/sports thus creating more of a challenge for students. Students will also begin to create individual workouts that promote a healthful lifestyle. Students will need to indicate which PE component is the best fit and make sure to meet all requirements/prerequisites needed to sign up for Competitive PE.

Foundations Driver's Ed. & PE L1

Course #: 0200 **Credits:** 1.00

Grade: 10

Dept: HP

Pre-Requisite:

Course Detail: PE Foundations will have the same emphasis as traditional high school PE classes. These include daily fitness opportunities and recreational game play. Driver's Education class will consist of classroom theory in which the main focus is driver safety. Students will also learn how to obtain a Driver's Permit/License.

Competitive Driver's Ed. & PE L1

Course #: 0201 **Credits:** 1.00

Grade: 10

Dept: HP

Pre-Requisite: Pacer score of 40 for girls and 55 for boys in 9th grade PE, 2 sport athlete at the high school level, and/or teacher recommendation.

Course Detail: This class includes daily fitness opportunities and competitive gameplay. Competitive PE will emphasize competition with special focus on offensive and defensive strategies within games/sports thus creating more of a challenge for students. Students will also begin to create individual workouts that promote a healthful lifestyle. Students will need to indicate which PE component is the best fit and make sure to meet all requirements/prerequisites needed to sign up for Competitive PE. Driver's Education class will consist of classroom theory which focuses on driver safety. Students will also learn how to obtain a Driver's Permit/License.

Fitness & Wellness L1

Course #: 0300 **Credits:** 1.00 **Grades:** 11, 12

Dept: HP

Pre-Requisite:

Course Details: Fitness and Wellness will have a health and fitness aspect. During the health portion of the class, students will cover the following topics: nutrition, environmental health, violence, aging, current issues in health, consumer health, and they can be certified in CPR, AED, and first aid. Students will utilize the weight training equipment, play organized games, and take part in fitness evaluations.

Pre-Requisite: A grade of 90% or better in both 9th grade Health and PE class and 10th grade Dr. Ed. and PE class. Department Chair approval based on completion of application.

Course Details: The Wellness Major Class is intended for the students that want to pursue a higher education and/or career in the Fitness and Wellness field. Students will cover the required PA State Standards, and, in addition, specific sports medicine items, teamwork, leadership, sportsmanship, coaching/officiating, Olympic sports, and current topics. Wellness studies will include: causes of death, 1st aid and CPR, Nutrition, the aging body, and environmental issues. Fitness will be a focus. Designing fitness programs for others, promoting Fitness, creating games, researching fitness, and technology in fitness will be part of the curriculum. This class will be very student centered and have out of class assignments to be completed. Four service hours will need to be completed within the field of Fitness and Wellness. Tentatively a small fee (\$30 max) will be required for a field trip experience (based on district approval). Be Healthy - Live Long!

Athletic Training 9 & 11L1

Course #: 0400 Credits: 1.00 Grades: 9, 11

Dept: HP

Pre-Requisite: Interested students must meet with the head athletic trainer or Mrs. Hess prior to signing up for this course.

Course Detail: This course will be of value for students considering a career in athletic training, physical therapy, or a health related field. This program affords the student a working knowledge of sports medicine. Some of the areas covered are care and prevention of injuries, anatomy, taping and wrapping techniques, CPR, and first aid. This course will be in conjunction with physical education and addresses the Pennsylvania Health and Physical Education state standards. This course includes all the duties and responsibilities of a student trainer/aide and requires the student to attend practices and contests after the regular school day. These duties are outlined and reviewed with each applicant to the program. Students must complete an application in order to sign up for this course. Applications will be accepted based on the following criteria: academic record, ability to fulfill requirements, work habits, post graduate intentions, and sincere interests in helping others. In-coming freshmen must apply in eighth grade and complete an evaluation period after school with the student athletic training program.

Athletic Training 10 – 12 L1

Course #: 0401 Credits: 1.00 Grades: 10, 11, 12

Dept: HP

Pre-Requisite: Interested students must meet with the head athletic trainer or Mrs. Hess prior to signing up for this course.

Course Detail: This course has two structures:

1. This course is structured so that after successfully completing one full year, as a student trainer/aide, the student is eligible to enroll the following year. The curriculum will continue to be geared toward sports medicine; however, more advanced learning will be expected and evaluated. Prerequisites include but are not limited to: good attendance during the first year (during school and during assigned athletics), and a passing grade of "B" or better during the first year of athletic training.
2. This course can be completed as an elective for students, in grade 10-12 who have a desire to learn about sports medicine and be involved in the student athletic trainer/aide program. The experience level and proficiency of the student trainer/aide will dictate the level of learning and responsibility. This course includes all the duties and responsibilities of a student trainer/aide and requires the student to attend practices and contests after the regular school day. These duties are outlined and reviewed with each applicant to the program. **Students must complete an application in order to be considered for this elective credit.** Applications will be accepted based on the following criteria: academic record, ability to fulfill requirements, work habits, post graduate intentions, and sincere interests in helping others.

English 9 L1**Course #:** 0911 **Credits:** 1.00 **Grades:** 9**Dept:** LA**Pre-Requisite:** Students may be enrolled based on standardized test data and PSSA proficiency.

Course Details: The ninth grade level one course is designed for those students who plan to enter the work force or a technical school upon graduation. Through this course, students will learn applied communications skills: writing, reading, speaking, and listening. Students will be taught how to produce well-written, clear and concise essays and a carefully conducted research essay. In the area of reading, students will learn and apply reading strategies to comprehend and analyze short stories, novels, nonfiction articles, poems, and plays. Students will also focus on using proper grammar and developing vocabulary based on a study of prefixes, suffixes, and root words.

English 9 L2**Course #:** 0921 **Credits:** 1.00 **Grades:** 9**Dept:** LA**Pre-Requisite:** Students may be enrolled based on standardized test data and PSSA proficiency.

Course Details: This level two course is the first of four courses designed to prepare the college-bound student. Students are expected to do reading on their own, to write long compositions, and, in general, to assume responsibility for their own education. This course will also teach applied communication skills: writing, reading, speaking, and listening skills. Students will read various novels, short stories, nonfiction articles, poems, and plays. In addition, each student will research and develop a research paper and write narrative and persuasive essays. Students will also focus on using proper grammar and vocabulary development based on a study of prefixes, suffixes, and root words. The language arts department teachers recommend that students earn a grade of 74% or better in 8th grade language arts to be successful in this course.

English 9 L3**Course #:** 0931 **Credits:** 1.00 **Grades:** 9**Dept:** LA**Pre-Requisite:** Students may be enrolled based on standardized test data and PSSA proficiency. An 8th grade teacher recommendation and/or a grade of 90% or better in 8th grade language arts.

Course Details: The level three course is designed for college-bound students who demonstrate talent and motivation in English. In addition to required summer reading, students will read and analyze literature in the various genres of novel, drama, short story, poetry, and nonfiction, using writing assignments focused on developing critical thinking/analytical skills, based on the literature read for class. A research project will be completed during the course. Oral communication includes both informal classroom discussions and formal presentations. While there is some instruction on using proper grammar and vocabulary development, it is assumed that these students have advanced grammatical skills and a well-developed vocabulary. **Students and parents/guardians will agree to the terms of the summer reading assignments when signing the course selection sheet.**

World Lit 10 L1**Course #:** 1001 **Credits:** 1.00 **Grades:** 10**Dept:** LA**Pre-Requisite:** Students may be enrolled based on standardized test data. Students must have a passing grade in 9th grade Language Arts.

Course Details: The tenth grade level one course is designed for those students who plan to enter the workforce or a technical/trade school upon graduation. Students in this course will continue the study of language arts skills: writing, reading, speaking, and listening. Reading selections and writings are organized by genre, which students will examine more critically and relate to their own lives. Vocabulary development is emphasized throughout the course and stresses the use of word parts.

NOTE: This course will culminate with the state mandated Keystone Exams.

World Lit 10 L2**Course #:** 1002 **Credits:** 1.00 **Grades:** 10**Dept:** LA**Pre-Requisite:** Students may be enrolled based on standardized test data. Students must have a passing grade in 9th grade Language Arts.

Course Details: This level two course is designed to prepare the college-bound student. Students will read from a body of world literature that provides them with a rich and well-rounded reading experience. Reading selections and writings are organized according to genre, which students will examine more critically and relate to their own lives. Vocabulary study stresses the use

of word parts. **NOTE:** This course will culminate with the state mandated Keystone Exams. The language arts department teachers recommend that students earn a grade of 74% or better in English 9-2 in order to be successful in this course.

World Lit 10 L3

Course #: 1003 **Credits:** 1.00 **Grades:** 10 **Dept:** LA

Pre-Requisite: Students may be enrolled based on standardized test data. A 9th grade teacher recommendation and/or a grade of 90% or better in 9th grade language arts.

Course Details: The level three course is designed for the college-bound, honors students who have met the pre-requisites in language arts. There is a required summer reading component consisting of three novels. Students will read from a body of world literature that provides them with a rich and well-rounded reading experience. Reading selections are organized according to genre themes which students will examine more critically and relate to their own lives. Vocabulary study stresses the use of word parts. **NOTE:** This course will culminate with the state mandated Keystone Exams. **Students and parents/guardians will agree to the terms of the summer reading assignments when signing the course selection sheet**

American Lit 11 L1

Course #: 1101 **Credits:** 1.00 **Grades:** 11 **Dept:** LA

Pre-Requisite: Students may be enrolled based on standardized test data and Keystone proficiency.

Course Details: This level one course is designed for those students who plan to enter the work force or a technical/trade school after graduation. Reading selections and writings are organized according to genre, which students will examine more critically. Vocabulary development is emphasized throughout the year. Students will develop and enhance writing skills through various expository and persuasive prompts. The language arts department teachers recommend that students earn a grade of 65% or better in World Lit 10 to be successful in this course. **NOTE:** This course is not available to Advanced and Proficient students based on standardized tests.

American Lit 11 L2

Course #: 1102 **Credits:** 1.00 **Grades:** 11 **Dept:** LA

Pre-Requisite: Students may be enrolled based on standardized test data and Keystone proficiency.

Course Details: This level two course is designed to prepare the college-bound student. Students will explore American literature through various genres. Students will learn to respond to different elements of literature as they read American novels and other major works literary throughout the course. Students will develop and enhance writing skills through various literary analyses. Vocabulary study stresses preparation for the SAT. The language arts department teachers recommend that students earn a grade of 74% or better in World Lit 10-2 in order to be successful in this course.

American Lit 11 L3

Course #: 1103 **Credits:** 1.00 **Grades:** 11 **Dept:** LA

Pre-Requisite: Students may be enrolled based on standardized test data. A 10th grade teacher recommendation and/or a grade of 90% or better in World Lit 10.

Course Details: In this level three course, college-bound honors students who have met the pre-requisites in language arts will explore various genres of American Literature. Students will learn to respond to different elements of literature. Students will continue to develop research skills. In addition to completing the summer reading, students will also read other American novels and major literary works throughout the course. Students will develop and enhance writing skills through various literary analyses. Vocabulary study stresses preparation for the SAT. **Students and parents/guardians will agree to the terms of the summer reading assignments when signing the course selection sheet.**

English 12 L1

Course #: 1201 **Credits:** 1.00 **Grades:** 12 **Dept:** LA

Pre-Requisite: Students may be enrolled based on standardized test data and Keystone proficiency.

Course Details: This level one course is designed for those students who are going into the work force or technical/trade school training upon graduation from high school. This course refines applied communication skills. Using composition as a basis, students review and address their own individual weaknesses. Composition involves sentence and paragraph development through practical application in letters, business forms, essays, and weekly senior memory book chapters. Literature study includes elements of the short stories, novel, poems, plays, and nonfiction selections. The course is designed to develop an

awareness of the relevance of the literature to the students' lives. The language arts department teachers recommend that students earn a grade of 65% or better in American Lit 11 in order to be successful in this course. **NOTE:** This course is not available to Advanced and Proficient students based on standardized tests.

English 12 L2

Course #: 1202

Credits: 1.00

Grades: 12

Dept: LA

Pre-Requisite: Students may be enrolled based on standardized test data and Keystone proficiency.

Course Details: In this level two college preparatory course, students are encouraged to read critically and to apply literary terminology to their oral and written analysis of classic and modern literature. This course offers a survey of world literature, including pieces from novels, plays, short stories, poetry, and nonfiction. Students practice expository and critical writing in the context of essays and a position research paper. Vocabulary study emphasizes use of words in context. Application of all language arts concepts is expected in this course. The language arts department teachers recommend that students earn a grade of 74% or better in American Lit 11-2 in order to be successful in this course.

CHS English L4

Course #: 1203

Credits: 1.00

Grades: 12

Dept: LA

Pre-Requisite: Students may be enrolled based on standardized test data. An 11th grade teacher recommendation and/or a grade of 90% or better in American Lit 11. Prior to the start of class, all students must take the HACC placement test and score at the Eng 101 level OR score 480 in Critical Reading on the SAT test.

Course Details: CHS English is two combined courses – CHS 101 and CHS 102. CHS 101 emphasizes the composition of organized, clear, coherent, and well-supported essays, which features standard English conventions, effective style, and the appropriate use of research strategies and sources. Students develop the critical reading and thinking skills necessary to produce effective college-level writing that communicates to a particular audience, fulfills a specified purpose, and conforms to a given genre. Using a seminar or discussion-based approach, this course encourages independent, creative, and critical inquiry and prepares students for the practical application of information by emphasizing effective research strategies and technologies congruent with the field of study.

CHS English 102 builds on English 101, connecting thinking, reading, and writing. Research, interpretation, and argumentation are emphasized. Using a seminar or discussion-based approach, this course encourages independent, creative, and critical inquiry and prepares students for the practical application of information by emphasizing effective research strategies and technologies congruent with the field of study. Failure to complete summer reading will result in zero grades for those assignments. **Students and parents/guardians will agree to the terms of the summer reading assignments when signing the course selection sheet.**

NOTE: Some college level classes are taught by NOHS teachers through special arrangements with local colleges. This course is offered for college credit from Harrisburg Area Community College. A student may simultaneously earn college and high school credit. Students qualified to earn credits are responsible for the reduced tuition costs. The transfer of these credits upon graduation is at the discretion of the receiving college. These classes will count towards graduation credits and grades are calculated into the student's GPA. It is the student's responsibility to obtain college transcripts from the granting institution and have them sent to the institution he or she will be attending. This course requires students to be scheduled for a normal period and period 3 during the same semester.

Speech L2

Course #: 1219

Credits: 1.00

Grades: 11, 12

Dept: LA

Pre-Requisite: Successful completion of previous year's level two or three English class and/or a teacher recommendation.

Course Details: This level two speech course is designed for students with average and above average language arts skills who are interested in developing oral communication skills. In this course, students will practice speeches that inform, demonstrate, and persuade. Students will apply the research process, investigate and analyze current events, develop media and consumer awareness, and learn skills in story-telling, oral interpretation, impromptu, and extemporaneous speech. Self and peer evaluation will also be an important component in improving students' oral communication skills. This elective cannot be taken in place of English 11 or 12.

Journalism I L2**Course #:** 1221 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** LA**Pre-Requisite:** Successful completion of previous year's level two or three English class and/or a teacher recommendation.

Course Details: Journalism I is a level two course designed for students with above average language arts skills who are interested in developing their writing skills with an emphasis on journalistic style and application of multimedia concepts. Students will explore the history of American journalism and legal concepts associated with journalism. The course refines journalistic skills in writing news, features, reviews, and sports articles. Students will write various kinds of articles and essays and study censorship, interviewing techniques, and pertinent grammar rules. Students may write for The Silhouette. This elective cannot be taken in place of English 10, 11, or 12.

Journalism II L2**Course #:** 1223 **Credits:** 1.00 **Grades:** 11, 12 **Dept:** LA**Pre-Requisite:** Successful completion of Journalism I class, with an 80% or better, and/or teacher recommendation.

Course Details: Journalism II is a level two course in which students will refine fundamental concepts taught in Journalism I, as well as learn new concepts of media. Students will study career options and practice those within the confines of the school newspaper. In this capacity, students will be responsible for editorial decisions that will include assigning and placing articles and editing. New concepts to be mastered will include layout of newspapers, advertising, photojournalism, and column and editorial writing. Proofreading and deadlines will be stressed to assure quality products. This elective cannot be taken in place of English 11 or 12.

Shakespeare L2**Course #:** 1225 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** LA**Pre-Requisite:** Successful completion of previous year's level two or three English class and/or a teacher recommendation.

Course Details: This level two course will focus on William Shakespeare's major dramatic works, which are divided into tragedy, comedy, history, and romance. Students will read, discuss, and analyze each play for its universal and far reaching themes, as well as the ways each work illustrates Shakespeare's view of humanity. Students also will study film and stage adaptations of Shakespeare's work to consider the ways that stage settings and script alterations impact his message. Works for study may include Hamlet, Othello, King Lear, Henry V, Richard III, and The Tempest. This elective cannot be taken in place of English 10, 11, or 12.

French I L2**Course #:** 1802 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: Ninth grade students enrolling in a level 1 English are required to wait until their sophomore year to take a foreign language course, unless they have been granted permission from the Foreign Language Department Head to enroll in 9th grade.

Course Details: French I will introduce students to the language spoken by millions of people all over the world. Students will learn to imitate, repeat, speak, and understand new sounds, words, and expressions. After students begin to be able to communicate orally in French, they will learn to read and write what they have first learned to understand and say. Through videos, CD's, and reading selections, students will learn about the history, geography, and customs of French speaking people. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

French II L2**Course #:** 1803 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:** Completion of French I with a "C" average or higher and/or permission of department chair.

Course Details: Now that students have learned to speak and understand basic conversational French, students will want to improve their skills by practicing and using them in natural, everyday situations. In class, students will have the opportunity to express their ideas, feelings, and opinions in both spoken and written French. Internet, videos, slides, and reading selections continue to provide up-to-date information about the customs and lives of the millions of French speaking people. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

French III L3**Course #:** 1813 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** AH**Pre-Requisite:** Completion of French II with a "C" average or higher and/or permission of department chair.

Course Details: If students want to communicate, they must learn to speak fluently and express ideas in French. Learning another language takes time, and students need practice in using the language. A large number of activities are included to encourage students to communicate on the topics provided. Students will continue to learn about other cultures, other people, each other, and themselves. This will give them the chance to compare their own lives with those of French speaking people. Art, videos, and supplementary short stories are included, as well as a unit in French Cuisine. There are also opportunities for French immersion field trips to put into practice what has been learned in the classroom. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

French IV L3**Course #:** 1823 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** AH**Pre-Requisite:** Completion of French III with a "C" average or higher and/or permission of department chair.

Course Details: French IV combines language and culture for students who have already learned the basic skills. There will be further additions to vocabulary, readings, and conversations concerning practical topics of everyday life, a comprehensive review of grammar (when and if it is needed), and original compositions and discussions. Current French magazines, videos, and numerous literary selections are available so that students can not only develop an appreciation of France's cultural past, but also acquire an insight into the interests and reactions of French speaking teenagers today. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

Spanish I L2**Course #:** 1902 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: Ninth grade students enrolling in a level 1 English are required to wait until their sophomore year to take a foreign language course, unless they have been granted permission from the Foreign Language Department Head to enroll in 9th grade.

Course Details: Spanish I will introduce students to the language spoken by many people in the United States, Mexico, Spain, Central, and South America. Students will learn to speak and understand new sounds, words, and expressions. Students will be required not only to communicate orally in Spanish, but to read and write as well. Through a variety of media, students will learn about the history, geography, and customs of Spanish-speaking people. *DAILY PARTICIPATION IS ESSENTIAL AND EXPECTED AT ALL LEVELS* in order to enhance communication skills. The student should be prepared to make the time commitment necessary to achieve minimum competency in oral, written, and reading skills. These skills also include cultural knowledge. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

Spanish II L2**Course #:** 1903 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:** Completion of Spanish I with a "C" average or higher and/or permission of department chair.

Course Details: Spanish II will help students develop their language skills through activities that focus on meaningful, personal communications. This year, students will continue their study of Spanish by learning new concepts while broadening communication skills through practice and usage in realistic situations and interactions. Students will learn to convey messages and express ideas in both the present and past tense in authentic, natural, everyday settings. They will continue to learn about Hispanic cultures through videos and classroom discussions. As students become increasingly aware of the similarities and differences among cultures, they will learn to appreciate and enjoy the diversity and uniqueness of the Hispanic world. *PARTICIPATION IS ESSENTIAL* to continue the development of skills at this level. Students will encounter more complex and diverse grammatical and cultural concepts. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

Spanish III L3**Course #:** 1913 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** AH**Pre-Requisite:** Completion of Spanish II with a "C" average or higher and/or permission of department chair.

Course Details: This class is conducted almost exclusively in the target language. In Spanish III, the unraveling of the foreign language "mystery" continues. This year, students will continue to practice their communication skills through more detailed

conversation and composition. They will expand their structural knowledge of Spanish to allow them to express opinions and feelings in new ways. Through readings of authentic texts, students will continue to learn about other cultures, about other people, about each other, and about themselves. By reading, listening, writing, and speaking, students will increase their ability to communicate in Spanish and to understand the Hispanic world. Students will continue to develop and enhance communication skills as they master and apply those skills learned at the previous levels. Emphasis will be on obtaining oral and written fluency with the vocabulary and grammar. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

CHS/Spanish IV L4

Course #: 1923 **Credits:** 1.00 **Grades:** 11, 12 **Dept:** AH

Pre-Requisite: Completion of Spanish III with a "C" average or above, and/or approval of the Foreign Language Department.

Course Details: Spanish IV is designed for advanced students with a strong background in the study of Spanish. This course emphasizes reading comprehension, vocabulary acquisition, and conversational ability. Major grammatical points are reviewed through the use of texts and supplementary materials. Authentic texts are read and discussed to enhance the students' appreciation of the cultures of Spanish-speaking countries. Students will continue to develop and enhance skills as they master and apply those skills learned at the previous levels. Emphasis will be on obtaining fluency with the vocabulary and grammar. Please note there will be several assignments to complete prior to the first day of class. *STUDENTS ARE RESPONSIBLE FOR PLANNING TIME FOR ADDITIONAL STUDIES OUTSIDE THE CLASSROOM.*

NOTE: Some college level classes are taught by NOHS teachers through special arrangements with local colleges. This course is offered for college credit from Harrisburg Area Community College. A student may simultaneously earn college and high school credit. Students qualified to earn credits are responsible for the reduced tuition costs. The transfer of these credits upon graduation is at the discretion of the receiving college. These classes will count towards graduation credits and grades are calculated into the student's GPA. It is the student's responsibility to obtain college transcripts from the granting institution and have them sent to the institution he or she will be attending. This course requires students to be scheduled for a normal period and period 3 during the same semester. **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.**

20th Century Am Cultures L1

Course #: 2111 **Credits:** 1.00 **Grades:** 9 **Dept:** SS

Pre-Requisite:

Course Details: Twentieth Century American Culture is a chronological study of the social, economic, political, and geographic forces affecting the development of the American society beginning at the end of the 19th century, through the 20th century, and into the 21st century. The course is the sequel to American Cultures I [taught in the 8th grade], which traced development up to the end of the 19th century. Twentieth Century American Culture begins with the evolution of big business and the organization of labor. Topics such as urbanization, minority experiences, the growth of federal power, advancement of science and technology, changes in ideals and values as reflected through the arts, American domestic and foreign policy, American military campaigns, and the rise of the United States as a world leader are discussed. Students selecting Level 1 will be expected to complete independent projects and class presentations.

NOTE: This course is not available to Advanced and Proficient students based on standardized tests.

20th Century Am Cultures L2

Course #: 2112 **Credits:** 1.00 **Grades:** 9 **Dept:** SS

Pre-Requisite:

Course Details: Twentieth Century American Culture is a chronological study of the social, economic, political, and geographic forces affecting the development of the American society beginning at the end of the 19th century, through the 20th century, and into the 21st century. The course is the sequel to American Cultures I [taught in the 8th grade], which traced development up to the end of the 19th century. Twentieth Century American Culture begins with the evolution of big business and the organization of labor. Topics such as urbanization, minority experiences, the growth of federal power, advancement of science and technology, changes in ideals and values as reflected through the arts, American domestic and foreign policy, American military campaigns, and the rise of the United States as a world leader are discussed. Students selecting Level 2 will be expected to complete extensive independent study, class presentations, and selected readings beyond the text.

20th Century Am Cultures L3**Course #: 2113 Credits: 1.00 Grades: 9 Dept: SS****Pre-Requisite:** 8th grade teacher recommendation; a grade of 91% or better in 8th grade social studies; demonstration of advanced skills in composition and reading based on standardized test scores

Course Details: Students may be enrolled based on standardized test data and PSSA proficiency. Twentieth Century American Culture is a chronological study of the social, economic, political, and geographic forces affecting the development of the American society beginning at the end of the 19th century, through the 20th century, and into the 21st century. The course is the sequel to American Cultures I [taught in the 8th grade], which traced development up to the end of the 19th century. Twentieth Century American Culture begins with the evolution of big business and the organization of labor. Topics such as urbanization, minority experiences, the growth of federal power, advancement of science and technology, changes in ideals and values as reflected through the arts, American domestic and foreign policy, American military campaigns, and the rise of the United States as a world leader are discussed. Students selecting Level 3 will be expected to complete extensive independent study, class presentations, selected readings beyond the text, additional primary source readings, and research assignments.

World Cultures L1**Course #: 2251 Credits: 1.00 Grades: 10 Dept: SS****Pre-Requisite:**

Course Details: This course focuses on studying how different world cultures throughout history have been impacted by geography, religion, imperialism, racism, conflict, revolution and the gains and losses of liberty and rights. The course explores Africa, the Middle East, the Americas, South and East Asia, and Europe. Students selecting level 1 will be assessed through class presentations, written tests, essays, various projects, and critiques of readings. **NOTE:** This course is not available to Advanced and Proficient students based on standardized tests.

World Cultures L2**Course #: 2252 Credits: 1.00 Grades: 10 Dept: SS****Pre-Requisite:**

Course Details: This course focuses on studying how different world cultures throughout history have been impacted by geography, religion, imperialism, racism, conflict, revolution and the gains and losses of liberty and rights. The course explores Africa, the Middle East, the Americas, South and East Asia, and Europe. Students selecting level 2 will be assessed using the same methods as level 1 plus the use of short critical responses.

World Cultures L3**Course #: 2253 Credits: 1.00 Grades: 10 Dept: SS****Pre-Requisite:** 9th grade teacher recommendation; a grade of 91% or better in 9th grade social studies course; demonstration of advanced skills in composition and reading based on standardized test scores.

Course Details: This course focuses on studying how different world cultures throughout history have been impacted by geography, religion, imperialism, racism, conflict, revolution and the gains and losses of liberty and rights. The course explores Africa, the Middle East, the Americas, South and East Asia, and Europe. Students selecting level 3 will be required to work more independently towards the goal of critically analyzing historical and current events through the use of projects, presentations, written tests, essays, and discussions of primary and secondary sources.

AP World History L4**Course #: 2254 Credits: 2.00 Grades: 10 Dept: SS****Pre-Requisite:** Successful completion of 9th grade level 3 (H) English with a 91% or higher and 20th Century Am Cultures L3 with a 91% or higher and/or teacher recommendation.

AP Requirement: It is required that students who register for this course also register and take the World History AP Exam. The AP Exam is in May. The AP testing fee is the responsibility of the student. Testing fees normally are around \$90. Students will be required to complete all assigned summer work.

Course Description: This 2 credit course will focus on developing students' understanding of world history from approximately 8000 B.C.E. to the present. This is a college-level course in which students will investigate the content of world history for significant events, individuals, developments, and processes in 6 historical periods. The course provides students with 5 themes to explore in order to make connections between historical developments in different times and places throughout Africa, the

Americas, Asia, Europe, and Oceania. The five themes include interaction between humans and environment; development and interaction of cultures; state building, expansion and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

NOTE: This course will be a year-long course (full period each semester). One credit will count towards 10th grade Social Studies, the other credit will be an Arts and Humanities. **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.**

American Gov't/Civics L1
Pre-Requisite:

Course #: 2285 Credits: 1.00 Grades: 11 Dept: SS

Course Details: American Government and Civics introduces the concepts of government and illustrates how large of a role government plays in our lives. Topics include: foundations of government, the history and the framework of the US Constitution, the three branches of government, the Bill of Rights, government decision making, political behavior and voting, state and local government, and the law and the individual. Through these topics, students will gain information from both secondary and primary sources. Students will also investigate current events within our government and evaluate real life applications. Students will simulate and model governmental procedures in this course. Differentiations between levels will consist of pace and extension activities.

American Gov't/Civics L2
Pre-Requisite:

Course #: 2286 Credits: 1.00 Grades: 11 Dept: SS

Course Details: American Government and Civics introduces the concepts of government and illustrates how large of a role government plays in our lives. Topics include: foundations of government, the history and the framework of the US Constitution, the three branches of government, the Bill of Rights, government decision making, political behavior and voting, state and local government, and the law and the individual. Through these topics, students will gain information from both secondary and primary sources. Students will also investigate current events within our government and evaluate real life applications. Students will simulate and model governmental procedures in this course. Differentiations between levels will consist of pace and extension activities.

American Gov't/Civics L3
Pre-Requisite: 10th grade teacher recommendation; a grade of 91% or better in 10th grade social studies course; demonstration of advanced skills in composition and reading based on standardized test scores.

Course #: 2287 Credits: 1.00 Grades: 11 Dept: SS

Course Details: American Government and Civics introduces the concepts of government and illustrates how large of a role government plays in our lives. Topics include: foundations of government, the history and the framework of the US Constitution, the three branches of government, the Bill of Rights, government decision making, political behavior and voting, state and local government, and the law and the individual. Through these topics, students will gain information from both secondary and primary sources. Students will also investigate current events within our government and evaluate real life applications. Students will simulate and model governmental procedures in this course. Differentiations between levels will consist of pace and extension activities.

AP US Government & Politics L4

Course #: 2288 Credits: 1.00 Grades: 11 Dept: SS

Pre-Requisite: Successful completion of 10th grade level 3 (H) English with a 91% or higher; World Cultures L3 with a 91%; Successful completion of AP World History with a 91% or higher and/or teacher recommendation

AP Requirement: It is required that students who register for this course also register and take the Government AP Exam. The AP Exam is in May. The AP testing fee is the responsibility of the student. Testing fees normally are around \$90. Students will be required to complete all assigned summer work.

Course Details: The course will provide students an analysis of United States government and politics. It will focus on general concepts and specific examples to apply and interpret United States government. Additionally, students will need to be familiar with specific institutions, groups, beliefs, ideas, rights, and liberties that make up the United States government. Students must also become aware of theoretical perspectives, behaviors, and outcomes. Completion of college level reading, text, analysis,

evaluation, and independent work will be a must. **NOTE:** This course will be offered as a full year course during the mini period (period 4 or 5). **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.**

Global Econ L1
Pre-Requisite:

Course # 2291 Credits: 1.00 Grades: 12 Dept: SS

Course Details: Informed and responsible consumers, sellers, savers, workers, and employers don't just happen: they are educated to be who they are. Global Economics employs a different way of thinking about our day-to-day lives and the world around us. This course will use current events such as job outlook, use of tax dollars, and foreign affairs to analyze the state of the global economy as a whole. Students will explore decision making on three levels: personal, national, and global with the objective of evaluating how economic decisions made at each level impact the individual student. Students will come to view economics as a tool for making decisions involved in producing, distributing, and consuming goods and services throughout their lives.

Global Econ L2
Pre-Requisite:

Course #: 2292 Credits: 1.00 Grades: 12 Dept: SS

Course Details: Informed and responsible consumers, sellers, savers, workers, and employers don't just happen: they are educated to be who they are. Global Economics employs a different way of thinking about our day-to-day lives and the world around us. This course will use current events such as job outlook, use of tax dollars, and foreign affairs to analyze the state of the global economy as a whole. Students will explore decision making on three levels: personal, national, and global with the objective of evaluating how economic decisions made at each level impact the individual student. Students will come to view economics as a tool for making decisions involved in producing, distributing, and consuming goods and services throughout their lives.

Global Econ L3
Pre-Requisite:

Course #: 2293 Credits: 1.00 Grades: 12 Dept: SS

11th grade teacher recommendation; a grade of 91% or better in 11th grade social studies course; demonstration of advanced skills in composition and reading based on standardized test scores.

Course Details: Informed and responsible consumers, sellers, savers, workers, and employers don't just happen: they are educated to be who they are. Global Economics employs a different way of thinking about our day-to-day lives and the world around us. This course will use current events such as job outlook, use of tax dollars, and foreign affairs to analyze the state of the global economy as a whole. Students will explore decision making on three levels: personal, national, and global with the objective of evaluating how economic decisions made at each level impact the individual student. Students will come to view economics as a tool for making decisions involved in producing, distributing, and consuming goods and services throughout their lives.

AP Micro/Macroeconomics L4

Course #: 2294 Credits: 2.00 Grades: 12 Dept: SS

Pre-Requisite: Successful completion of 11th grade level 3 (H) English with a 91% or higher; American Gov't/Civics L3 with a 91%; Successful completion of AP Government with a 91% or higher; and/or teacher recommendation.

AP Requirement: It is required that students who register for this course also register and take BOTH the Micro Economics AP Exam AND the Macro Economics AP Exam. The AP Exam is in May. The AP testing fee is the responsibility of the student. Testing fees normally are around \$90. Students will be required to complete all assigned summer work.

Course Description: These are two separate courses that will be scheduled in a year-long block as a two credit course. The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity

with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. **NOTE:** This course will be a year-long course (full period each semester). One credit will count towards 12th grade Social Studies, the other credit will be an Arts and Humanities. **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.**

CHS History Seminar L4

Course #: 2303

Credits: 1.00

Grades: 11, 12

Dept: SS

Pre-Requisite: Successful completion of previous social studies requirements with a 92% or better in honors level social studies coursework.

Course Details: History Seminar is offered for college preparatory students or anyone with interest and aptitude in history who wishes to enhance their knowledge of Recent American History - 1945 to present. Content for the course will be determined by the teacher with input from the students. Topic areas include: Cold War and Post War America, Korea, Civil Rights Movement and minorities in America, Vietnam and home front conflict, American culture of the 1960's, role of women in American culture, Desert Storm, Post-Cold War America, War on Terror. Students meeting HACC requirements may elect to take the course for College in the High School Credits.

NOTE: This course is a one credit elective that WILL NOT replace the required courses in the social studies sequence - 20th Century American Cultures, World Cultures, American Government/Civics, and Global Economics. This does qualify as an arts and humanities elective.

Some college level classes are taught by NOHS teachers through special arrangements with local colleges. This course is offered for college credit from Harrisburg Area Community College. A student may simultaneously earn college and high school credit. Students qualified to earn credits are responsible for the reduced tuition costs. The transfer of these credits upon graduation is at the discretion of the receiving college. These classes will count towards graduation credits and grades are calculated into the student's GPA. It is the student's responsibility to obtain college transcripts from the granting institution and have them sent to the institution he or she will be attending.

Intro to Psychology L2

Course #: 2402

Credits: 1.00

Grades: 11, 12

Dept: SS

Pre-Requisite:

Course Details: This social studies elective is an introduction into the scientific study of human behavior and mental processes. This course will be helpful for those seeking a career in the service industry, childcare, counseling, teaching, law enforcement, as well as being a beneficial basis for a career in the field of Psychology. Skills gained in this class will allow students to gain insights as to why people behave, feel, and think the way they do. Topics covered in this course include: developmental processes (child and adolescent), identity, research methods, thought processes, brain anatomy, social interaction, behavior, psychological testing, personality characteristics, altered states of consciousness, and as many other topics as time allows.

NOTE: This course is a one credit elective that WILL NOT replace the required courses in the social studies sequence - 20th Century American Cultures, World Cultures, and American Government/Civics, and Global Economics. This does qualify as an arts and humanities elective. Sections may be added as a full year course during the mini period (period 4 or 5) for those students taking AP courses scheduled for the mini period (period 4 or 5).

Intro to Sociology L2

Course #: 2601

Credits: 1.00

Grades: 11, 12

Dept: SS

Pre-Requisite:

Course Details: This social studies elective is an introduction into the social sciences encompassing the scientific study of human social interactions and organizations. Sociological topics include culture, society, adolescence, minority status and the increasing multi-cultural awareness within society, subcultures, values, as well as a variety of human relationships. A special emphasis of this course is adolescence and adulthood, so that students might plan more effectively for their future life experiences. Students are expected to research various social issues in order to discuss alternatives to the many problems of society. Course requirements involve role-playing, simulation situations, case studies and current articles, and a major multi-genre research project during the second half of the course.

and physiology, animal behavior, and animal comparative anatomy and physiology. Students will be required to complete lab investigations, dissections, and a variety of long term projects. Each student will be required to complete a portfolio as an end-of-course cumulative assignment. The portfolio will include an independent lab research project/lab write-up/presentation, ethical issue research project/ presentation, career research project, scientific journal article summaries/critiques, a written report, dissection journals, and a personal relevance project. This course is designed for those that seek to further their education and pursue careers in one of the many fields of biological sciences. One science credit will be given for successfully passing this course.

Wildlife & Natural Resources L2

Course #: 3399

Credits: 1.00

Grades: 11, 12

Dept: SC

Pre-Requisite:

Course Details: This course presents to the student the very broad and complex subject of wildlife, fisheries, and natural resource management in a manner that is interesting and understandable. Students will describe the biological and ecological niche, general characteristics, and distribution of Pennsylvania's Fish and Wildlife. Everyone enrolled in this class is expected to do research for successful completion of this course. Identification of Pennsylvania's diverse species is a big part of this class. A science credit will be earned after passing this course.

Biology I - L1

Course #: 3401

Credits: 1.00

Grades: 10

Dept: SC

Pre-Requisite:

Course Details: This Level 1 class will cover the content required for the state Keystone Exam in biology. The course will build upon and apply the concepts learned in 9th grade general science. The modules on the state Keystone Exam include basic biological principles, the chemical basis for life, bioenergetics, homeostasis and transport, cell growth and reproduction, genetics, the theory of evolution, and ecology. The Keystone Exam will be given at the end of this course.

Biology I - L2

Course #: 3402

Credits: 1.00

Grades: 10

Dept: SC

Pre-Requisite:

Course Details: This Level 2 class will cover the content required for the state Keystone Exam in biology. The course will build upon and apply the concepts learned in 9th grade general science. The modules on the state Keystone Exam include basic biological principles, the chemical basis for life, bioenergetics, homeostasis and transport, cell growth and reproduction, genetics, the theory of evolution, and ecology. The Keystone Exam will be given at the end of this course.

Advanced Biology HACC L4

Course #: 3403

Credits: 1.00

Grades: 11, 12

Dept: SC

Pre-Requisite: Successful completion of both biology and chemistry prior to taking the course. Prior to the start of class, all students must take the HACC placement test and score at the Eng 101 level OR score 480 in Critical Reading on the SAT test.

Course Details: Advanced Biology is a college (Level 4) course designed to introduce students to the major disciplines of the biological sciences. This course offers a unique opportunity in that any student taking the course can earn credits from the high school and Harrisburg Area Community College. The course covers a wide range of subjects in biology from ecology, biochemistry, cell biology, the cell cycle, and the origin of life. Students will be conducting frequent laboratory investigations and will be required to perform independent scientific study.

NOTE: Some college level classes are taught by NOHS teachers through special arrangements with local colleges. A student may simultaneously earn college and high school credit. Students qualified to earn credits are responsible for the reduced tuition costs. The transfer of these credits upon graduation is at the discretion of the receiving college. These classes will count towards graduation credits and grades are calculated into the student's GPA. It is the student's responsibility to obtain college transcripts from the granting institution and have them sent to the institution he or she will be attending.

Human Anatomy/Physiology I L3**Course #:** 3423**Credits:** 1.00**Grades:** 11, 12**Dept:** SC**Pre-Requisite:** Successful completion of biology and chemistry (or be taking it concurrently) before taking the course.

Course Details: Human anatomy and physiology is a course (Level 3) for those students who are interested in further education or a career in the health services. The course covers a wide range of topics that include basic biology and the structure and functions of human body systems. Throughout this course, students will be introduced to the basic biology needed for the study of the body and will learn about the structures and functions of the skeletal, muscular, digestive, and nervous systems. The course involves a great deal of laboratory investigation that will examine how these human systems function.

Human Anatomy/Physiology II L3**Course #:** 3424**Credits:** 1.00**Grades:** 11, 12**Dept:** SC**Pre-Requisite:** Successful completion of biology and chemistry. It is also suggested that any students taking the course have completed Human Anatomy and Physiology I.

Course Details: Human Anatomy and Physiology II (Level 3) is a continuation of the studies begun in Human Anatomy and Physiology I. The course will offer a brief review of the subject material learned in Human Anatomy and Physiology I course and then continue on covering the respiratory, excretory, reproductive, endocrine, and circulatory systems. The course involves a great deal of laboratory investigation that will examine how these human systems function. Each student completing this course will be able to provide an analysis of overall individual health from experimental health related data. An oral presentation of this nature will be required.

Chemistry I L2**Course #:** 3502**Credits:** 1.00**Grades:** 10, 11, 12**Dept:** SC**Pre-Requisite:**

Course Details: If students will be attending a four-year college, or just enjoy experimenting, science and math, they may want to elect Level 2 chemistry. The course is designed to engage students by having them do hands-on labs and activities that give meaning to the concepts being taught. During the year, students will study various units that include concepts, such as the scientific method, the SI unit system, specific heat, spectroscopy, basic chemical nomenclature, basic chemical reactions, and the history of the atom, among other topics. Basic algebra and calculator skills will be helpful. Students will need a scientific calculator for the course.

Chemistry I L3**Course #:** 3503**Credits:** 1.00**Grades:** 10, 11, 12**Dept:** SC**Pre-Requisite:** Successful completion of Algebra I, Geometry, and at least concurrent with Algebra II.

Course Details: Chemistry I is designed for students who will enroll in a science-related curriculum in a four-year college. Most of these science majors (chemistry, physics, nursing, engineering, pre-med) will require two semesters of introductory chemistry during the freshman year of college. Chemistry I, Level 3, offers students an introduction to matter and changes; atomic structure; periodic law and the periodic table; chemical bonding; chemical nomenclature; chemical equations and mass relationships; gas laws; and solutions. Experiments are performed to reinforce the concepts being taught in class. Students will learn laboratory techniques and safe handling of materials. A strong foundation in algebra is important because calculation and problem-solving constitutes a large segment of the course content. If students anticipate attending college and studying any of the sciences, Chemistry I is recommended.

Chemistry II (H)**Course #:** 3513**Credits:** 1.00**Grades:** 11, 12**Dept:** SC**Pre-Requisite:** Successful completion of Chemistry I L3 or Chemistry I L2 (with approval).

Course Details: Chemistry II is a continuation of Chemistry I. It begins with a review of Chemistry I, then adds new units including: acids and bases, thermochemistry, reaction kinetics, equilibrium, advanced stoichiometry, oxidation and reduction, organic compounds, and nuclear chemistry. Experiments are included to reinforce and deepen students understanding of the concepts covered in class. Opportunities to research chemistry topics of interest are provided. Careers in chemistry-related fields will be emphasized. Students who will be studying chemistry or biology in college will find it beneficial to elect Chemistry II.

blocks to grow, to reproduce, and to maintain dynamic homeostasis. **Big Idea 3: Genetics and Information Transfer:** Living systems store, retrieve, transmit, and respond to information essential to life processes. **Big Idea 4: Interactions** Biological systems interact, and these systems and their interactions possess complex properties. **Lab Notebooks and College Credit:** Colleges may require students to present their laboratory materials from AP science courses before granting college credit for laboratory, so students are encouraged to retain their laboratory notebooks, reports, and other materials.

CC Algebra 1 9 L2 Course #: 4221 Credits: 1.00 Grades: 9 Dept: MA
Pre-Requisite:

Course Details: This course covers the basic content and skills of a traditional Algebra 1 as well as the eligible content on the Keystone Algebra 1 Exam. The course focuses on development of the following topics: Numbers and Operations, Linear Functions, Graphing, Writing and Solving Equations, Systems of Equations, Quadratic Functions, Linear Inequalities and Data Analysis. Emphasis is placed on understanding and communicating these concepts in a variety of ways, including written expression, algebraic expressions and graphical expressions. **NOTE:** The course is meant to prepare students for the culminating event, the Pennsylvania Keystone Algebra 1 Exam, which will be taken in the last 2 weeks of the semester.

CC Algebra 1 10-12 L2 Course #: 4223 Credits: 1.00 Grades: 10, 11, 12 Dept: MA
Pre-Requisite:

Course Details: This course covers the basic content and skills of a traditional Algebra 1 as well as the eligible content on the Keystone Algebra 1 Exam. The course focuses on development of the following topics: Numbers and Operations, Linear Functions, Graphing, Writing and Solving Equations, Systems of Equations, Quadratic Functions, Linear Inequalities and Data Analysis. Emphasis is placed on understanding and communicating these concepts in a variety of ways, including written expression, algebraic expressions and graphical expressions. **NOTE:** The course is meant to prepare students for the culminating event, the Pennsylvania Keystone Algebra 1 Exam, which will be taken in the last 2 weeks of the semester.

CC Geometry L2 Course #: 4311 Credits: 1.00 Grades: 9, 10, 11, 12 Dept: MA
Pre-Requisite: Successful completion of CC Algebra 1.

Course Details: This course covers the basic content and skills of a traditional Geometry course. Focus is on the development of the following topics: Problem Solving, Translations, Ratios, Geometric Properties, Trigonometry, Spatial Visualization and Conjecture/Proofs. The pace of the course is faster and more rigorous. Additionally, extended thinking activities will be prominent throughout.

CC Geometry L3 Course #: 4315 Credits: 1.00 Grades: 9, 10, 11, 12 Dept: MA
Pre-Requisite: Completion of CC Algebra 1 with a grade of 90-100%, and/or teacher recommendation.

Pre-Course Work: This course will require a pre-course assignment to be completed prior to the start of the course as directed by the course instructor. The math department believes the pre-course assignment is vital to student success in the faster paced and increased rigor of the level 3 and level 4 courses.

Course Details: This course covers the basic content and skills of a traditional Geometry course. Focus is on the development of the following topics: Problem Solving, Translations, Ratios, Geometric Properties, Trigonometry, Spatial Visualization and Conjecture/Proofs. The pace of the course is faster and more rigorous. Additionally, extended thinking activities will be prominent throughout. **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.**

CC Algebra II L2 Course #: 4334 Credits: 1.00 Grades: 10, 11, 12 Dept: MA
Pre-Requisite: Successful completion of CC Geometry L2 or L3.

Course Details: This course covers the basic content and skills of a traditional Algebra 2 course. The course focuses on the development of the following concepts: Problem Solving, Functions and Inequalities, Inverse Functions, Logarithms, Polynomials and Series. Emphasis is placed on understanding and communicating these concepts in a variety of ways, including written

expression, algebraic expressions and graphical expressions. The pace of the course is faster and more rigorous. Additionally, extended thinking activities will be prominent throughout.

CC Algebra II L3

Course #: 4335 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** MA

Pre-Requisite: Successful completion of CC Geometry L3 (or CC Geometry L2 with a 90-100%) and/or teacher recommendation.

Pre-Course Work: This course will require a pre-course assignment to be completed prior to the start of the course as directed by the course instructor. The math department believes the pre-course assignment is vital to student success in the faster paced and increased rigor of the level 3 and level 4 courses.

Course Details: This course covers the basic content and skills of a traditional Algebra 2 course. The course focuses on the development of the following concepts: Problem Solving, Functions and Inequalities, Inverse Functions, Logarithms, Polynomials and Series. Emphasis is placed on understanding and communicating these concepts in a variety of ways, including written expression, algebraic expressions and graphical expressions. The pace of the course is faster and more rigorous. Additionally, extended thinking activities will be prominent throughout. **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.**

Pre-Calculus L2

Course #: 4416 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** MA

Pre-Requisite: Successful completion of CC Algebra 2 L2 or L3

Course Details: This course covers both Trigonometry and Pre-calculus concepts. Focus is on the following topics: Trigonometric Functions, including graphing and applications, Limits, Rates of Change, Area Under the Curve, Vectors, and Polar and Parametric Equations. **NOTE:** Students will need access to a TI-83 Graphing Calculator for out of class assignments.

Pre-Calculus L3

Course #: 4417 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** MA

Pre-Requisite: Successful completion of CC Algebra 2 L3 (or CC Algebra 2 L2 with a 90-100%) and/or teacher recommendation.

Pre-Course Work: This course will require a pre-course assignment to be completed prior to the start of the course as directed by the course instructor. The math department believes the pre-course assignment is vital to student success in the faster paced and increased rigor of the level 3 and level 4 courses.

Course Details: This course covers both Trigonometry and Pre-calculus concepts. Focus is on the following topics: Trigonometric Functions, including graphing and applications, Limits, Rates of Change, Area Under the Curve, Vectors, and Polar and Parametric Equations. The pace of the course is faster and more rigorous. Additionally, extended thinking activities will be prominent throughout. **NOTE:** Students will need access to a TI-83 Graphing Calculator for out of class assignments. **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.**

CHS Algebra HACC L4

Course #: 4523 **Credits:** 1.00 **Grades:** 11, 12 **Dept:** MA

Pre-Requisite: Successful completion of Pre-Calculus L2 or L3.

Special Note: Students are also required to pass the HACC entrance exam for math. This placement test is offered two times per year at NOHS for free. Prior to the start of class, all students must take the HACC placement test and score at the Math 103 level OR score 590 in Math on the SAT test.

Pre-Course Work: This course will require a pre-course assignment to be completed prior to the start of the course as directed by the course instructor. The math department believes the pre-course assignment is vital to student success in the faster paced and increased rigor of the level 3 and level 4 courses.

Course Details: This course is designed to be an entry-level college course for students whose plans include college after graduation. Many academic programs at the college level include College Algebra as a requirement for graduation. This course is considered an extension of Algebra II, not a review. This course will cover the following mathematical topics: fundamental algebraic operations, exponents and radicals, systems of equations, higher degree equations, logarithms, matrices, and inequalities. This course is taught through the use of graphing calculators, so students are required to have a TI-83 or TI-84 graphing calculator available to them both at school and at home.

AP Statistics L4**Course #:**4703**Credits:** 1.00**Grades:** 11, 12**Dept:** MA**Pre-Requisite:** Successful completion (90% - 100%) of Pre-Calculus L3 and/or teacher recommendation.**Pre-Course Work:** This course will require a pre-course assignment to be completed prior to the start of the course as directed by the course instructor. The math department believes the pre-course assignment is vital to student success in the faster paced and increased rigor of the level 3 and level 4 courses.**AP Requirement:** It is required that all students who register for this course also register and take the Statistics AP Exam. The AP Exam is in May. The AP testing fee is the responsibility of the student. Testing fees normally are around \$90.**Course Description:** This is designed to be a college level course for academically talented students whose plans include college after graduation. In colleges and universities, the number of students who take a statistics course is almost as large as the number of students who take a calculus course. Many academic programs at the college level include statistics as a requirement. Students should consider their educational goals and interests when determining if this course is appropriate for them. The course consists of four broad topics: 1) Exploring data - observing patterns and departures from patterns, 2) Planning a study - deciding what and how to measure, 3) Probability - as it relates to distributions of data, and 4) Inferential reasoning - confirming appropriate models. The use of technology (graphing calculators and statistical applets) will be an important component of the course.**NOTE:** Students will need access to a TI-83 graphing calculator for out of class assignments. This course will be offered as a full year course during the mini period (period 4 or 5). **Students and parents/guardians will agree to the terms of the summer assignments when signing the course selection sheet.****Comp. Programming I L2****Course #:** 4901**Credits:** 1.00**Grades:** 9-12**Dept:** MA**Pre-Requisite:** Successful completion of CC Algebra (or taken concurrently).**Course Details:** This course introduces students to the concepts of computer programming through the use of computer animation. It is designed for students who have had no programming experience but who wish to give computer programming a try. Students will then learn to use a 3-D animation editor to create initial scenes for their animations. Students move onto using this editor to write simple programs that use sequential and simultaneous animations. The use of functions to access the properties of three-dimensional objects is explored, followed by the use of world-level and class-level methods to implement animation scenarios. The course will conclude with the use of event-handlers to create interactive animations, If-else structures, Boolean functions for animation control, and loops to expand upon the computer animation skills.**Comp. Programming II L2****Course #:** 4902**Credits:** 1.00**Grades:** 10, 11, 12**Dept:** MA**Pre-Requisite:** Successful completion of Computer Programming I or with approval from Mr. Miller.**Course Details:** This course expands on the concepts learned in Computer Programming I and is intended for students who wish to explore the details behind computer programming. Students will learn the fundamentals of computer programming using the Java programming language. Concepts explored will deal with elementary programming concepts, selection structures, loops, methods, and intro to graphics. The course will conclude with a unit on 3D Graphics using Open GL. **NOTE:** This course can count as a math course per House Bill 833.**Comp. Programming III L2****Course #:** 4903**Credits:** 1.00**Grades:** 11, 12**Dept:** MA**Pre-Requisite:** Successful completion of Computer Programming II.**Course Details:** This course expands on the concepts learned in Computer Programming II and is intended for students who wish to explore the details behind computer programming. Students will continue to learn the fundamentals of computer programming using the Java programming language. Concepts explored will deal with single- and multi-dimensional arrays, data processing, text I/O, objects and classes, and event-driven programming. The course will conclude with an object-oriented approach to game design using graphics and event driven programming. **NOTE:** This course can count as a math course per House Bill 833.

Art Appreciation L1**Course #:** 5100 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:****Course Details:** \$20 studio fee

NOTE: This course can be taken as a Level 1 or 2 course. Students taking this class as a Level 2 course will have additional requirements which will include research papers or projects and presentations. This course is designed for students to become visually aware of the world they live in and to be able to work in creative ways to meet everyday challenges. The focus in this course is to provide each student with a better understanding of the elements of art and introduce a wide range of styles, materials, and techniques in art. They will also have hands-on learning opportunities and produce their own art. This course is designed for beginning art students who have an interest in art but may not be interested in pursuing higher level art courses.

Art I L1**Course #:** 5101 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:** Successful completion of 8th grade art or permission in writing from the Art Appreciation teacher.**Course Details:** \$30 studio fee

This is an introductory art course for students who have an interest in art and want to expand their artistic skills. It is strongly suggested that any student planning an art-related career take Art 1 in ninth grade, and take at least one art course every other year. In today's world, there are many ways to put artistic talent to work. It can be the basis of many rewarding careers, or be an enjoyable life-long hobby. In Art I, students will complete lessons in drawing, painting, design, and ceramics. Some lessons will incorporate artists or styles of art. Drawing and design skills are necessary to be successful in Art I. Students in Art I should expect sketchbook assignments that will be completed for homework.

Art II L2**Course #:** 5102 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** AH**Pre-Requisite:** A "C" or better in Art I or permission, in writing, from the Art II teacher.**Course Details:** \$30 studio fee

Art II builds and expands upon the concepts taught in Art I. Students will find this course to be more challenging and to be at a higher level of difficulty than the Art I course. The art student's creativity, thinking skills, and problem solving abilities will be developed to a higher degree. Art criticism and reflection will be combined with most lessons, the emphasis will be on making different kinds of art. Students will learn more advanced ways to use familiar media and will also be introduced to new media and processes. Students in Art II should expect sketchbook assignments that will be completed for homework.

Art III L3**Course #:** 5103 **Credits:** 1.00 **Grades:** 11, 12 **Dept:** AH**Pre-Requisite:** A "C" or better in Art II or permission, in writing, from the Art III teacher.**Course Details:** \$30 studio fee

Art III brings together the ideas, information, and skills taught in Art I and II. Students in this course are constantly expected to use information they learned in Art I and Art II as they work with artistic problems in class. There is an increased emphasis on independent and original thinking. Some advanced media and techniques are presented in this course, as well as some traditional art lessons. Students should expect Art III to be challenging and, at times, to be difficult, but they should also expect this course to be very rewarding. Success depends upon the effort put into projects and sketchbook assignments. Some Art history and written assignments are part of Art III lessons, but the greatest emphasis by far is on making art in a studio environment. Students will begin to build works of art suitable for their portfolio.

Art IV L3**Course #:** 5104 **Credits:** 1.00 **Grades:** 11, 12 **Dept:** AH**Pre-Requisite:** A "C" or better in Art III or permission, in writing, from the Art IV teacher.**Course Details:** \$30 studio fee

Art IV builds upon and brings together information students have learned in Art I, II, and III. A more personal and artistic expression of the students' ideas is encouraged and expected. New media and processes are presented, and students are asked to demonstrate an advanced ability to handle some familiar media. The emphasis is on individual creativity, skill development, and finding new and different solutions to artistic problems. This is a course for students who are serious about art. Art IV

students who plan to study art after high school will find themselves well prepared to do so. Some art history and written assignments will be included in Art IV. Students should expect that the majority of their class time will be spent making art in a studio environment. There will be sketchbook assignments.

Art Portfolio L3

Course #: 5105 **Credits:** 1.00 **Grades:** 12 **Dept:** AH

Pre-Requisite: A "C" or better in Art 3, or 3-D Art II or have permission in writing, from the teacher. Only seniors are eligible for this course.

Course Details: \$30 studio fee

The Art Portfolio course begins with an advanced drawing project for 2-D students and advanced sculpture project for 3-D students that is required of all students and is highly recommended for an art student's portfolio. After this assignment is finished, Art Portfolio becomes an independent study class. Students will plan and finish projects they design on their own. This is an opportunity to build a strong portfolio of art work, to try some advanced projects, or to study something new. Students will choose their subjects and media with the help and advice of the teacher. For the student who plans to pursue studies after high school in art, art education, ceramics, sculptures, architectural and interior design, or any other design and art-related field, this course provides an opportunity to build a portfolio that can help ensure acceptance to college and university art programs. This course also provides students with the time and guidance needed to expand their experiences and develop art skills at a higher level. It may be necessary for students to provide some of their own materials for certain independent projects. There will be sketchbook assignments that will be completed as homework assignments.

3-D Art I L2

Course #: 5141 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: A "C" or better in Art I.

Course Details: \$30 studio fee

This course will introduce students to the materials and methods used to produce various types of three-dimensional arts. A brief history of each type of art will be included in instruction. Projects will be planned and presented by the teacher. Instruction may include, but will not be limited to: pottery, clay, sculpture, mosaics, fiber arts, collage, assemblage, and fabric decoration. Students in this course will be expected to not only produce art, but also to be able to explain and otherwise show that they understand the various methods and processes used in their projects. There will be sketchbook assignments that will be completed as homework assignments.

3-D Art II L3

Course #: 5145 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** AH

Pre-Requisite: A "C" or better in 3-D Art I or permission from the instructor.

Course Details: \$30 studio fee

Students will have a chance to begin perfecting old techniques and to learn new techniques. A brief history and careers related to each art or craft form will be included in instruction. Students will follow a planned course of study. Instruction will include new techniques such as potter's wheel, weaving, recycled art, and sculpture, while also expanding on clay, mosaics, fiber arts, decoupage, and assemblage. Students will not only be expected to produce, but they must be able to explain and demonstrate knowledge of the processes. There will be sketchbook assignments that will be completed as homework assignments.

3-D Art Portfolio L3

Course #: 5146 **Credits:** 1.00 **Grades:** 12 **Dept:** AH

Pre-Requisite: A "C" or better in 3-D Art II or permission, in writing, from the instructor. Only seniors are eligible for this course.

Course Details: \$30 studio fee

The 3-D Portfolio course begins with an advanced sculpture project that is required of all students and is highly recommended for an art student's portfolio. After this assignment is finished, 3-D Portfolio becomes an independent study class. Students will plan and finish projects they design on their own. This is an opportunity to build a strong portfolio of art work, to try some advanced projects, or to study something new. Students will choose their subjects and media with the help and advice of the teacher. For the student who plans to pursue studies in art, art education, ceramics, sculpture, or any other art-related field, this course provides an opportunity to build a portfolio that can help ensure acceptance to college and university art programs.

This course also provides you with the time and guidance needed to expand your experiences and develop art skills at a higher level. It may be necessary for students to provide some of their own materials for certain independent projects.

Women's Chorus L1

Course #: 5301

Credits: 1.00

Grades: 9, 10, 11, 12

Dept: AH

Pre-Requisite:

Course Details: Women's Chorus is a choral group for females that requires no audition to join. Membership in the group is open to any female in grades 9 through 12. Students will perform in 3 concerts each year: the Christmas Concert, a mid-year concert, and a Spring Concert. Women's Chorus is a year-long course which meets during Period 2 in the fall and Period 3 in the spring. Students who schedule Women's Chorus (Course #5301) will be automatically enrolled in the corresponding course during the opposite semester. Students wishing to split ensemble time between Women's Chorus and Orchestra or Percussion should select the course number for Orchestra/Women's Chorus or Percussion/Women's Chorus as listed later in this guide.

Concert Choir L2

Course #: 5312

Credits: 1.00

Grades: 9, 10, 11, 12

Dept: AH

Pre-Requisite: Permission of the instructor and/or audition for membership.

Course Details: Concert Choir is a mixed voice choral group that performs music of diverse styles, cultures, languages, and time periods. Men wishing to schedule Concert Choir may do so without auditioning. Women who wish to schedule Concert Choir must have been a member in a previous year, successfully audition for the director, or have written permission from the director. Students in Concert Choir may audition for membership in other vocal ensembles including County Chorus, District Chorus, and other festival choirs. Students will be required to participate in 3 concerts each year: the Christmas Concert, a mid-year concert, and the Spring Concert. Concert Choir is a year-long course which meets during Period 3 in the fall and Period 2 in the spring. Students who schedule Concert Choir (Course #5312) will be automatically enrolled in the corresponding course during the opposite semester. Students wishing to split ensemble time between Concert Choir and Concert Band should select the Concert Band/Concert Choir course listed later in this guide.

Orchestra L2

Course #: 5402

Credits: 1.00

Grades: 9, 10, 11, 12

Dept: AH

Pre-Requisite: Permission of the instructor.

Course Details: Orchestra is an instrumental ensemble that performs music of various styles and from various periods of music history. Membership in the group is granted through permission of the instructor. Members who are in good standing with the Orchestra may audition for membership in other ensembles, including County Orchestra and District Orchestra. Students will be required to attend small group lessons each marking period. Students will be required to take playing exams throughout the school year that will be used to determine grades and seating. The Orchestra performs in three concerts each year: the Christmas Concert, Strings Concert, and Spring Concert. Orchestra is a year-long course which meets during Period 2 in the fall and Period 3 in the spring. Students who schedule Orchestra (Course #5402) will be automatically enrolled in the corresponding course during the opposite semester. Students wishing to split ensemble time between Orchestra and Women's Chorus or Orchestra should select the Percussion/Orchestra or Orchestra/Women's Chorus as listed later in this guide.

Concert Band L2

Course #: 5410

Credits: 1.00

Grades: 9, 10, 11, 12

Dept: AH

Pre-Requisite: Permission of the instructor.

Course Details: The Concert Band performs annually at three concerts: the Christmas Concert, the Winter Band Festival, and the Spring Concert. Students in Concert Band also have the opportunity to perform in Marching Band, Jazz Band, and small ensembles. Sign-up/audition information is provided throughout the year for membership in these ensembles. Students who choose to participate in Marching Band perform at football games, competitions, and parades. The Jazz Band and small ensembles may perform at the Spring Concert and various community events. Members of the Concert Band may audition for membership in other instrumental ensembles including County Band, District Band and various Honor Bands. Students in Concert Band are required to attend small group lessons each marking period as part of their grade. Students will also be required to take playing exams throughout the school year to determine marking period grades and seating. Concert Band meets during Period 3 of the first semester and during Period 2 of the second semester. Students who schedule Concert Band (Course #5410) will be automatically enrolled in the corresponding course during the opposite semester. Students wishing to

split ensemble time between Concert Choir and Concert Band should select the Concert Band/Concert Choir course listed later in this guide.

Concert Band/Concert Choir L2 **Course #:** 5420 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: Permission of the instructors.

Course Details: Students wishing to participate in both Concert Band and Concert Choir should schedule the course Concert Band/Concert Choir (Course #5420). This course number indicates that the student will split their ensemble time between the two groups. Concert Band/Concert Choir meets during Period 3 of the first semester and during Period 2 of the second semester. Students who schedule Concert Band/Concert Choir (Course #5420) will be automatically enrolled in the corresponding course during the opposite semester.

Percussion/Orchestra L2 **Course #:** 5430 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: Permission of the instructors.

Course Details: Students wishing to participate in both Percussion and Orchestra should schedule the course Percussion/Orchestra (course 5430). This course number indicates that the student will split their ensemble time between the two groups. Percussion/Orchestra meets during Period 2 of the first semester and during Period 3 of the second semester. Students who schedule Percussion/Orchestra (course 5430) will be automatically enrolled in the corresponding course during the opposite semester.

Percussion/Women's Chorus L2 **Course #:** 5433 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: Permission of the instructors.

Course Details: Course Details: Students wishing to participate in both Percussion and Women's Chorus should schedule the course Percussion/Women's Chorus (Course #5433). This course number indicates that the student will split their ensemble time between the two groups. Percussion/Women's Chorus meets during Period 2 of the first semester and during Period 3 of the second semester. Students who schedule Percussion/Women's Chorus (Course #5433) will be automatically enrolled in the corresponding course during the opposite semester.

Percussion L2 **Course #:** 5440 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: Permission of the instructor.

Course Details: Students in Percussion also have the opportunity to perform in Marching Band, Jazz Band and small ensembles. Sign-up/audition information is provided throughout the year for membership in these ensembles. Percussion students combine with Concert Band students to perform annually at three concerts: the Christmas Concert, the Winter Band Festival, and the Spring Concert. Students who choose to participate in Marching Band perform at football games, competitions, and parades. The Jazz Band and small ensembles may perform at the Spring Concert and various community events. Members of Percussion may audition for membership in other instrumental ensembles including County Band, District Band and various Honor Bands. Students in Percussion are required to attend small group lessons each marking period as part of their grade. Students will also be required to take playing exams throughout the school year to determine marking period grades and seating. Percussion meets during Period 2 of the first semester and during Period 3 of the second semester. Students who schedule Percussion (Course #5440) will be automatically enrolled in the corresponding course during the opposite semester.

Orchestra/Women's Chorus L2 **Course #** 5460 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH

Pre-Requisite: Permission of the instructors.

Course Details: Students wishing to participate in both Orchestra and Women's Chorus should schedule the course Orchestra/Women's Chorus (Course #5460). This course number indicates that the student will split their ensemble time between the two groups. Orchestra/Women's Chorus meets during Period 2 of the first semester and during Period 3 of the second semester. Students who schedule Orchestra/Women's Chorus (Course #5460) will be automatically enrolled in the corresponding course during the opposite semester.

Music Theory L2**Course #:** 5502 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:** 2 years of music ensemble participation at the secondary level (7th through 11th grade) or permission of the instructor.**Course Details:** Music Theory is an elective course designed for those students who read music, have a musical background as vocalists or instrumentalists, and would like to learn more about the theoretical background of musical composition. Students will study musical notation (duration symbols, pitch symbols, and rhythmic symbols), musical structure (scales, intervals, triads, analyzing chords, melody harmonization, form, and transposition), and musical composition (solos, duets, and quartets with and without accompaniment).**Musical Theatre L2****Course #:** 5503 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:****Course Details:** This course will explore two different aspects of the Broadway Musical: the history of the Broadway Musical, and the study of the production of Broadway musicals. The study of the history of musical theater will include units on Minstrel Shows, Music Halls, Musical Reviews, Operettas, Extravaganzas, Vaudeville, Burlesque, Book Musicals, Concept Musicals, Rock Musicals, Mega Musicals, Jukebox Musicals, Spoof Musicals, and Revivals. To become acquainted with each type, students will view videos, listen to recordings, read scripts, and watch live performances.

The study of the production of musical theater will include units on Acting, Singing, Directing, Producing, Writing, Scenic Design, Costume Design, Publicity, and the Financing of musicals. Students will have the opportunity to perform dialogue and songs from shows, to write and direct musical scenes, to generate publicity materials and show budgets, and to design and produce sets and costumes.

Piano Class L2**Course #:** 5504 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:****Course Details:** A lab fee of \$20 will be charged for this course.

Class piano is designed for beginners or those with very limited piano background, who wish to learn the concepts and fundamentals needed to play the piano. Students will work individually and in a group setting, moving at their own pace. They will use both acoustic and digital pianos. Students will learn to read and perform written music, accompanying songs using a variety of chords and accompaniment patterns, and improvise and compose their own piano pieces and songs. Students will learn to play piano pieces written in a wide variety of musical styles, including popular, folk, and classical music. It is the ultimate goal of this course that each student develops the confidence and skills to practice and perform independently, so that once the course is over, he or she can continue to play for his or her own personal pleasure.

Guitar Class L2**Course #:** 5506 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisites:****Course Description:** Guitar class is designed as a continued introduction to the instrument, beginning where 8th grade general music left off. Students will work toward competency on guitar using chord diagrams, tablature, standard notation to perform melodic, and harmonic passages. Students will learn scales to solo or improvise over chord progressions and will prepare solo and ensemble pieces to perform. All members of the class will be required to perform alone and in groups on their instruments.**Voice Class L2****Course #:** 5507 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisites:****Course Description:** Students who schedule Voice Class will develop their solo singing techniques in a variety of styles including bel canto, Broadway, jazz, and popular. Students will prepare and perform regularly for classmates and offer constructive comments to help one another grow as both performers and discerning audiences. Great singers of various styles will be listened to and discussed. Students will study diction, vocal technique, and vocal anatomy in the preparation of their music. The culminating project for the course will be a performance. Students taking Voice Class are required to perform solo vocal music of varying styles, languages, and time periods.

of specific areas. Students will assist in district printing jobs, padding, folding, perforating, drilling, and other bindery operations. Student will look at cost, quality control, volume production, and maintenance.

Wood Tech I L1

Course #: 7201 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** EL

Pre-Requisite:

Course Details: A lab fee will be charged based on materials used. The introductory wood course is designed to familiarize students with a variety of woodworking processes, tools, materials, and machines. Students are instructed step-by-step on how to create a project of their own choice that must be approved by the instructor. The project must have at least one door, or drawer, to satisfy project criteria; and must be completed by the specified display time (either Winterfest or May Day). The award winning projects in the Winterfest competition will be invited to join the display for recognition at May Day. The completed project is one third of the final grade. **NOTE:** A \$30.00 deposit will be collected at the beginning of the semester and deducted from the final project cost. Average project cost ranges from \$50.00 - \$80.00. Students who create an unsafe environment or who cannot pass required safety tests for this class will be removed from the class.

Wood Tech II L2

Course #: 7202 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** EL

Pre-Requisite: Successful completion of Woodworking Technology I with a "C" or better.

Course Details: A lab fee will be charged based on materials used. This is an intermediate level course designed for students with some previous experience in working with wood materials. Basic tools, machines, and processes will be reviewed. The students will be instructed in the safe and proper use of additional machinery and then apply this new information/skill to building chosen projects that comply with criteria of this course. Projects will include drawers, doors, etc., in design and be approved by the instructor. Many of the topics covered in this course give you entry-level skills for a job. **NOTE:** A \$30.00 deposit will be collected at the beginning of the semester and deducted from the final project cost. Average project cost ranges from \$80.00 - \$125.00. Students who create an unsafe environment or who cannot pass required safety tests in this class will be removed from the class.

Wood Tech III L2

Course #: 7203 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** EL

Pre-Requisite: Successful completion of Woodworking Technology II with a "C" or better.

Course Details: A lab fee will be charged based on materials used. Woodwork Technology III is designed as a vocational course. Project design, operator safety, and high tolerances with excellent craftsmanship are stressed. Computer operated equipment is explained and incorporated in instructor approved projects. The course will develop many skills needed and used in the vocational world, and is excellent background experience and training for pursuing a vocation in woodworking. **NOTE:** A \$30.00 deposit will be collected at the beginning of the semester and deducted from the final project cost. Average project cost ranges from \$75.00 - \$200.00. Students who create an unsafe environment or who cannot pass required safety tests for this class will be removed from the class.

Wood Tech IV L2

Course #: 7204 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** EL

Pre-Requisite: Successful completion of Woodworking Technology III with a "C" or better.

Course Details: A lab fee will be charged based on materials used.

This is an in-depth study and application of all tools, machines, and processes used by the woodworking industry that are available in NOHS shops. Safety and product design are stressed and demonstrated through the construction of chosen projects. Though this course is not listed as vocational, the skills that students will attain can be directly applied to a job in most wood-related industries. A project must be completed that complies with the advanced criteria of this course. The design must include features approved by the instructor. Students who create an unsafe environment or who cannot pass required safety tests in this class will be removed from the class. **NOTE:** A \$30.00 deposit will be collected at the beginning of the semester and deducted from the final project cost. Average project cost ranges from \$75.00 - \$200.00. Students must pay for materials used to construct their projects. **NOTE:** This course can be taken as either a Level 2 or Level 3.

Ag Construction II L2**Course #:** 7484 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** EL**Pre-Requisite:** Successful completion of Introduction to Mechanics is recommended.

Course Details: A lab fee of \$50 will be charged for this course. Students will study electrical wiring, masonry and concrete, plumbing, and general house repair. In-depth, hands-on instruction will be followed in this course. Students will spend at least 60% of the semester in a shop setting. Students will acquire skills necessary to achieve an entry-level position within these fields of construction. A general display will be constructed for May Day.

Sewing Techniques I L1**Course #:** 8411 **Credits:** 1.00 **Grades:** 9, 10, 11, 12 **Dept:** AH**Pre-Requisite:**

Course Details: Lab fee: Students are expected to purchase their own patterns, fabrics, and notions from local fabric stores on their own time and with their own transportation. \$5 supply fee, due at the beginning of the semester. Students will start the year off learning about the colors that look best on them, as well as elements and principles of design. Measurement taking, determining size, fabric selection, pattern selection, basic alterations, and basic sewing techniques are all included in this course. Several mini projects will be included to introduce other techniques. Students can make: pajama pants, shorts, shirts, dresses, vests, pillows, stuffed animals, and bags. Students will learn basic sewing techniques to sew simple garments while learning how to use a sewing machine. Students will also learn how to read instruction guides to help them construct their garment. Students electing this course will be required to do samples of various sewing techniques and construct at least four garment projects selected according to the individual ability of the student. **Students must supply their own fabric and notions.**

Sewing Techniques II L1**Course #:** 8412 **Credits:** 1.00 **Grades:** 10, 11, 12 **Dept:** AH**Pre-Requisite:** Successful completion of Sewing Techniques I

Course Details: Lab fee: Students are expected to purchase their own patterns, fabrics, and notions from local fabric stores on their own time and with their own transportation. \$5 supply fee, due at the beginning of the semester. Students in Sewing Techniques II will learn and apply more advanced sewing techniques. Advanced sewing machine techniques will be utilized and more difficult patterns will be selected to increase sewing skills. More advanced alterations will be discussed. Projects should include at least one patterned fabric to learn how to match patterns. **Students must supply their own fabric and notions.**

Sewing Techniques III L1**Course #:** 8413 **Credits:** 1.00 **Grades:** 11, 12 **Dept:** AH**Pre-Requisite:** Successful completion of Sewing Techniques I and II L1.

Course Details: Lab fee: Students are expected to purchase their own patterns, fabrics, and notions from local fabric stores on their own time and with their own transportation. \$5 supply fee, due at the beginning of the semester. Continued application of sewing techniques will be expected at this level, as well as more independent work. Students will be required to make a lined garment in Level 3 and try their hand at designing a project. Interest in quilting could also be broadened with additional projects. Projects may include a prom gown. **Students must supply their own fabric and notions.**

Sewing Techniques IV L1**Course #:** 8414 **Credits:** 1.00 **Grades:** 11, 12 **Dept:** AH**Pre-Requisite:** Successful completion of Sewing Techniques I, II, and III.

Course Details: Lab fee: Students are expected to purchase their own patterns, fabrics, and notions from local fabric stores on their own time and with their own transportation. \$5 supply fee, due at the beginning of the semester. Continued application of sewing techniques are expected at this level, as well as more independent work. Interests in creating your own designs, altering patterns, or quilting are encouraged. **Students must supply their own fabric and notions.**

Housing/Interior Design L2**Course #:** 8642**Credits:** 1.00**Grades:** 10, 11, 12**Dept:** AH**Pre-Requisite:**

Course Details: This course is designed to help students make wise decisions about planning a home and selecting materials, furniture, and treatments for the home. Students will learn to recognize the types and styles of housing available. Students will also study floor plans, the use of elements and principles of design in decorating a home, furniture styles, materials, and construction. Each student will choose a house plan, draw it to scale on a computer program and select all the furnishings and accessories to decorate it. This large project is incorporated into each unit of the course. Completion of the project is a requirement for passing this class. **NOTE:** This course can be taken as either a Level 1 or Level 2. Students taking this class as a Level 2 course will have the following additional requirements: 1) Essay questions on each test throughout the year; 2) A three-page typed research paper on an aspect of housing each marking period; 3) The final project will include wall elevations for three major rooms.

Family Development L1**Course #:** 8651**Credits:** 1.00**Grades:** 10, 11, 12**Dept:** AH**Pre-Requisite:**

Course Details: The goal of this class is to provide students with information and skills they need to function well within their current family structure, while preparing them to develop their own strong families. Students will begin by looking at their personalities and exploring their character. Ways to make a family life positive will be another focus. Students will examine relationship issues including dating, love, commitment, marriage, and sexuality. The importance of readiness and preparation for parenthood will be discussed. Guidance, discipline, and parental responsibility in the development of children will be covered. Students will participate in a parenting simulation by caring for "Baby Think It Over." To complete the study on family living, students will explore the rewards and challenges of the middle and later years of life.

Independent Living L1**Course #:** 8661**Credits:** 1.00**Grades:** 9, 10, 11, 12**Dept:** AH**Pre-Requisite:**

Course Details: \$15 lab fee

This course is strongly encouraged for juniors and seniors. Are students ready to be on their own and face life's experiences? Be prepared! Brief units on budgeting money, saving, personal banking, credit, consumerism, renting an apartment, decorating the apartment, clothing repair, and laundry will be included. Students will also learn how to prepare their own meals, do some easy baking, and some basic cooking skills. Brief units on nutrition, soups, casseroles, sandwiches, eggs, and food shopping will be covered. Food labs will be a part of this section of the course.

Student Teacher Aide L1**Course #:** 8671**Credits:** 1.00**Grades:** 12**Dept:** AH**Pre-Requisite:**

Course Details: Students questioning whether or not they would like to work with children as a career or vocation should take this class. Here is an opportunity to explore that possibility firsthand and earn credits. Students in this program will be given the opportunity to work as teacher aides in a kindergarten classroom, or grades 1 - 6. Examples of some of the activities included will be reading stories to children, working with small groups of children, and other tasks as directed by the classroom teacher. The average time involved will be 1-2 hours a day each school day for the duration of the semester. Students will be expected to provide their own transportation. A program of this type provides the opportunity for a high school senior to broaden his/her understanding of children and their developmental needs, as well as bringing him/her face to face with the real classroom situation and its day-to-day activities. **NOTE:** This course can be taken as a Level 1 or Level 2 class. Acceptance into this program will be based on the following criteria: attendance record in grades 9 through 11, discipline record, and maintaining a cumulative "B" average.

* This course may be taken for two (2) credits with teacher approval and scheduling availability.

Student Teacher Aide L2
Pre-Requisite:

Course #: 8672 Credits: 1.00

Grades: 12

Dept: AH

Course Details: Students questioning whether or not they would like to work with children as a career or vocation should take this class. Here is an opportunity to explore that possibility firsthand and earn credits. Students in this program will be given the opportunity to work as teacher aides in a kindergarten classroom, or grades 1 - 6. Examples of some of the activities included will be reading stories to children, working with small groups of children, and other tasks as directed by the classroom teacher. The average time involved will be 1-2 hours a day each school day for the duration of the semester. Students will be expected to provide their own transportation. A program of this type provides the opportunity for a high school senior to broaden his/her understanding of children and their developmental needs, as well as bringing him/her face to face with the real classroom situation and its day-to-day activities. **NOTE:** This course can be taken as a Level 1 or Level 2 class. Students taking this class as a Level 2 course will have the following additional requirements each marking period: 1) Read three children's books to your class and prepare and teach an activity to go with one of the books; 2) Prepare and teach a mini lesson; 3) Complete an activity involving a bulletin board, behavior modification, or other similar activity. Acceptance into this program will be based on the following criteria: attendance record in grades 9 through 11, discipline record, and maintaining a cumulative "B" average. * This course may be taken for two (2) credits with teacher approval and scheduling availability.

OTHER OPPORTUNITIES

Intro to Manufacturing L1
Pre-Requisite:

Course #: 7803 Credits: 1.00

Grades: 12

Dept: EL

Course Details: Students will gain a fundamental knowledge of traditional manufacturing systems-business planning, forecasting, master scheduling, master resource planning to just in time manufacturing. In addition, students will become familiar with challenges facing American and local businesses today. Part I will include five weeks of classroom discussion and exercises. (The Evolution of Manufacturing and Manufacturing Economics). Part II will be nine weeks of workplace observations at participating firms. Part III will be three weeks of follow-up classroom discussion and exercises focusing on the soft skills (attendance, punctuality, communication, teamwork, resume writing, and interview skills). **NOTE:** There is a fee for this course.

PRE-APPRENTICESHIP OPPORTUNITIES

Students who are seeking out career tech options may benefit from local pre-apprenticeship opportunities. Students in 9th, 10th, and 11th grades should meet with their school counselor early in their high school to formulate a plan to accomplish this goal.

DIVERSIFIED OCCUPATIONS

Students who currently hold a job outside of school and are interested in earning elective credits, should see their school counselor to formulate a plan to accomplish this goal.

TECH PREP PROGRAMS

Law Enforcement 1 L1

Course #: 2602

Credits: 4.00

Grades: 11

Dept: EL

Pre-Requisite: Junior status

Course Details: (PDE CIP 43.0107 Criminal Justice/Police) Level I

APPLICATIONS ARE DUE JANUARY 29, 2018.

ACTP students entering this two year program will be introduced to a general introduction into the criminal justice system, the history, function, and role of law enforcement, courts, and corrections in American society. Students study the Constitutional rights and major court cases dealing with criminal law, examine many of the major trends and issues in law enforcement, such as use of force, especially deadly force, police patrol procedures, criminal investigation techniques, and officer safety issues. Many hands-on activities are used to have the students develop awareness in officer safety, defensive tactics, police report writing, criminal and accident investigation, the use of the PA Crimes Code and Vehicle Code. Students develop skills needed to perform effectively in police and sheriff departments, correctional facilities, and private security agencies and they receive a foundation for continued study in Criminal Justice or Police Administration at the collegiate level.

Students can participate in the College in the High School program through HACC and obtain college credits as listed below. At this level students can receive 3 credits for CJ101 Introduction to Criminal Justice if those students have met the HACC admission requirements.

Law Enforcement 2 L2

Course #: 2603

Credits: 4.00

Grades: 12

Dept: EL

Pre-Requisite: Successful completion of Level I

Course Details: (PDE CIP 43.0107 Criminal Justice/ Police) Level II

This course builds on the level one course of study. Students will continue to develop skills needed to perform effectively in police and sheriff departments, correctional facilities, and private security agencies. Students will study the areas of Police Operations, Criminal Law and Procedure, and Criminal Investigation based on a collegiate level of study. The emphasis of these components will be the criminal justice system, criminal investigation, introduction to forensic science with activities in forensics, crime scene investigation, DUI identification, certifications in defensive tactics, police baton, oleoresin capsicum, handcuffing, and pressure point control techniques.

Students can participate in the College in the High School program through HACC and obtain college credits as listed below. At this level students can receive 6 credits, 3 credits for CJ104 Police Operations and 3 credits for CJ212 Criminal Law and Procedure if those students have met the HACC admission requirements.

Pennsylvania Department of Education "Programs of Study" articulations (9 credits) are available at various community colleges in Pennsylvania for those students who successfully complete this two year program.

Harrisburg Area Community College (HACC) currently offers students opportunity to register for the following courses while participating in this Tech Prep Program. Students must meet all HACC admission requirements.

Allied Health L1

Course #: 3602

Credits: 4.00

Grades: 11

Dept: EL

Pre-Requisite: Junior status

Course Details: (PDE CIP 51.9999 Health Professions and Related Clinical Sciences) Level I

APPLICATIONS ARE DUE JANUARY 29, 2018.

Anatomy and Medical Terminology- ACTP students entering this two year program will attend classes daily. This course focuses on the structure and function of the human body. We will study the body systems; what they are, what they do, and how they work together. We will also investigate common disease processes associated with each body system.

* HRIM 102 - Culinary Math (2 credits)

* HRIM 221 - Basic Foods: Preparation and Production (4 credits)

Pennsylvania Department of Education "Programs of Study" articulations (9 credits) are available at various community colleges in Pennsylvania for those students who successfully complete this two year program.

Senior Scheduling Options and Requirements

January Graduation	January Completion with June Graduation	June Graduation
1. Students must meet all graduation requirements.	1. Students must meet all graduation requirements.	1. Students must meet all graduation requirements.
2. Must schedule a minimum of two credits in Semester I.	2. Must schedule a minimum of two credits in Semester I.	2. Must schedule a minimum of two credits per semester.
3. Period 3 is mandatory if a senior requires remediation because of standardized test results, class failure during junior year, or if currently failing a class.	3. Period 3 is mandatory if a senior requires remediation because of standardized test results, class failure during junior year, or if currently failing a class.	3. Period 3 is mandatory if a senior requires remediation because of standardized test results, class failure during junior year, or if currently failing a class.
4. Students electing January "Graduation" may participate in winter sports activities. Once they receive their diploma they are no longer recognized as NOHS current students. These students DO NOT participate in the June Graduation ceremony.	4. Students electing January completion may participate in winter sports activities and are eligible to attend prom, class trip, May Day, dances, etc.	4. Eligible for all school sponsored activities if meeting requirements.