

Greater Nanticoke Area High School



Program of Studies 2018 – 2019

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GREATER NANTICOKE AREA SCHOOL DISTRICT

BOARD OF DIRECTORS

Mr. Len Olzinski, President
Mr. Ken James, Vice-President
Mr. Frank Shepanski, Jr., Treasurer
Mr. Anthony Prushinski, Secretary
Mrs. Megan Tennesen
Mrs. Wendy Kotsko Wiaterowski
Mr. Matthew Landmesser
Mrs. Erika Jacobs
Mr. Mark Cardone

Attorney Vito Deluca, Solicitor

SUPERINTENDENT OF SCHOOLS

Dr. Ronald Grevera

SCHOOL DISTRICT ADMINISTRATION

Mrs. Susan Lipsey, Director of Special Education
Ms. Amy Scibek, Principal - High School
Mr. Ron Bruza and Mrs. Valerie Bartle, Principal - Education/Elementary Center
Mr. John Gorham, Principal - K.M. Smith/Kennedy Elementary
Mr. Eric Speece, Assistant Principal – High School

GUIDANCE DEPARTMENT

Ms. Lindsay Iacovazzi 9th-12th Grades (Letter A through L)
Mr. Bill Hischak 9th-12th Grades (Letter M through Z)

GREATER NANTICOKE AREA SCHOOL DISTRICT

MISSION STATEMENT

The School District of Greater Nanticoke Area, in an active partnership with families and the community, will work to prepare our students for the challenges of the future by having an integrated curriculum that will inspire each student to become a lifelong learner in a global community.

NON DISCRIMINATION POLICY

The Greater Nanticoke Area School District does not discriminate on the basis of age, sex, handicap, race, religion, creed, national origin, veteran status or political affiliation. Inquiries concerning Title VI, IX Section 504, and the Americans with Disabilities Act compliance should be directed to: Dr. Ronald Grevera, Superintendent, at 427 Kosciuszko Street, Nanticoke, PA 18634, 570-723-1270. For information regarding services, activities, programs and facilities that are accessible to and usable by individuals with disabilities, contact the building principal.

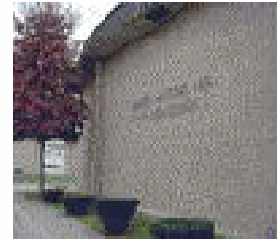
**Greater Nanticoke High School-570-735-7781
Ms. Amy Scibek, Principal**

**Greater Nanticoke Area Educational/Elementary Center-570-735-1320
Mr. Ron Bruza and Mrs. Valerie Bartle**

**Greater Nanticoke Area Kennedy Elementary/K.M. Smith Elementary-570-735-3740
Mr. John Gorham, Principal**

Greater Nanticoke Area High School

Nanticoke, Pennsylvania 18634



Dear Greater Nanticoke Area High School Students/Parents/Guardians,

Course selection is a critical step in our efforts to develop college, career, and workforce ready students and promote the success of our graduates. The 2018-19 Program of Studies serves as a guide; has been collaboratively prepared by the High School administration, faculty, and guidance staff; and can be found under the **Greater Nanticoke Area School District website: www.gnasd.com** (then **GNA Schools/High School/2018-19 Program of studies**). It initiates the plan for students to achieve their future goals. Hard copies are also available in the High School Office.

We encourage you to review this guide carefully and make informed decisions. You should pay particular attention to the Graduation Requirements and Areas of Concentration sections. Students, parents, teachers, guidance counselors, and administration share collective responsibility for schedule approval. If you have questions or concerns, please contact the High School Guidance Office.

It is our hope that you will take full advantage of our class offerings to maximize your potential and achieve your goals. The courses you select and how well you master them may well determine your future success.

Sincerely,
Ms. Amy L. Scibek
High School Principal

AREAS OF CONCENTRATION

The areas of concentration are designed to provide students with opportunities for a sound secondary education that will prepare them with the knowledge and skills essential for college, career, and workforce readiness. Each student will choose from one of the following areas of concentration:

Academic/Academic Honors

Students who plan to attend a four year college or university upon completion of high school should complete the academic area of concentration. This area is structured so that students may successfully complete **four credits each of English, History, Math, and Science**, in addition to the required major and minor electives. The Academic Honors area encourages students to take even more rigorous and weighted classes. Students who aspire to take honors and advanced placement courses may do so as long as they meet the academic requirements for each specific course. Honors, dual enrollment, and advanced placement courses are weighted due to the higher level requirements.

Career and Vocational

The Career and Technical Center area of concentration is intended to provide a meaningful experience and an education that will lead to workforce entry or postsecondary education. Beginning in tenth grade, students attend half-day sessions at Nanticoke High School and Wilkes-Barre Area Career Technical Center. Students who remain in the same vocational shop for three consecutive years may receive certification in that shop. The Wilkes Barre Area Career Technical Center also offers a Head Start Program for students in the ninth grade which allows for hands-on career exploration through a series of rotations.

Specialized Instruction

It should also be noted that the Greater Nanticoke Area School District provides a full continuum of special education services for eligible students in accordance with the Individuals with Disabilities Education Act (IDEA) and Chapter 14 of the PA Code. Additional information can be obtained by contacting Mrs. Susan Lipsey, Director of Special Education, at 570-735-1701.

GENERAL SCHEDULING GUIDELINES

All students of the Greater Nanticoke Area High School have the responsibility to plan a yearly program of studies. This responsibility should not be taken lightly. Sometimes a student's requested courses cannot be honored, nor are they appropriate. As the individual schedule is prepared for its final submission, it is anticipated that the student will have considered:

- Past performances/academic records, current grades, abilities, career interests, and goals.
- The advice of parents, teachers, and guidance counselors.

The following general scheduling guidelines should be considered carefully:

1. All students must register for five (5) full credit courses plus Health and Physical Education if needed. A major required subject is one that meets daily for the entire school year and carries one (1) full credit towards graduation. All subjects listed in the Program of Studies are to be considered major subjects unless otherwise indicated.
2. A student may not change their area of concentration without meeting with his/her guidance counselor. A parental approval form must also be signed and filed in the Guidance Office.
3. All students are reminded that if they select the Career and Technical curriculum, **THEY MUST REMAIN IN THAT SEQUENCE FOR THE ENTIRE YEAR.**
4. Occupational Co-op Programs are available only through registration in the Vocational Technical Curriculum through the Wilkes-Barre CTC.
5. Dual Enrollment- Students may not enroll in courses at local colleges during school hours without first obtaining permission from the principal and satisfying all criteria established by the Greater Nanticoke Area School District. *Beginning with the class of 2018, dual enrollment courses may count only as electives and may not take the place of mandatory GNA courses necessary for graduation.* Please see Dual Enrollment section for complete policy and guidelines.
6. Although schedule selections are closely monitored, the student is responsible for fulfilling all credit requirements towards graduation. Parents/students may contact the Guidance Office at 570-735-7755 for verification.

THERE WILL BE NO SCHEDULING CHANGES AFTER THE REGULAR SCHEDULING TIME PERIOD, EXCEPT AS EXPRESSLY PERMITTED BY THE PRINCIPAL. NO CHANGES WILL OCCUR AFTER SEPTEMBER 18TH.

HONOR ROLL

Any student may obtain honor roll status by achieving the following minimum quarterly grade point average:

94.499 – 100 GPA	Honors with Distinction
89.49 – 94.498 GPA	High Honors
84.49 – 89.489 GPA	Honors

GRADING SCALE

Grade Point Average is computed on a 100% weighted scale. All courses starting in grade 9 are computed to determine GPA and Class Rank. Grades are calculated according to the following scale:

A+	100 and above
A	95 to 99
B+	90 to 94
B	85 to 89
C+	80 to 84
C	75 to 79
D	70 to 74
F	0 to 69

PROMOTION POLICY

1. Each student must complete four (4) major subjects and complete a minimum of (5) credits in a school year to be promoted to the next grade.
2. Students are placed in homerooms based upon the cumulative credits earned in major subject areas.
3. A student can make up failures by successfully completing subjects taken in an approved summer school and earning the minimum passing grade (when averaged with the regular school year semester marks).
4. Private tutoring to make up failures must have prior approval of the principal.
5. The principal may certify promotion in grades nine through eleven under certain conditions after consultation with the teachers involved and the Guidance Department.

PSSA / Keystone Exams Information

The Pennsylvania System of School Assessment (PSSA) is an annual assessment administered in Commonwealth classrooms in grades 3 through 8, and in English Language Arts and Mathematics. Pennsylvania adopted more rigorous PA Core Standards in late 2013 and the 2015 PSSA marks the first time the assessment was fully-aligned to the standards. These new, more rigorous standards aim to better prepare students for the 21st century workforce. The Keystone Exams are end-of-course assessments designed to assess proficiency in the subject areas of Algebra I, Literature, and Biology. Students who struggle achieving proficiency in one or more of the Keystone Exam content areas will be given the opportunity to remediate and re-test.

Assessment scores represent a snapshot in time of student performance, and should not be considered the sole indicator of student achievement. Standardized assessments help Pennsylvania meet federal and state requirements, as well as provide educators, stakeholders, and policymakers with important information about the Commonwealth's students and schools, and inform instructional practices. The Greater Nanticoke Area School District reserves the right to modify student schedules based on past performance on these types of assessments, and others measures, in order to provide academic intervention and support growth and achievement.

GRADUATION REQUIREMENTS

Grades 9 through 12

Academic/Academic Honors

English-----	4 credits
Mathematics -----	4 credits
Science -----	4 credits
Social Studies (US Gov. to & since Reconstruction)-----	4 credits
Health and Physical Education Electives -----	1 credit
Electives-----	<u>6 credits</u>
Total Credits Required (Minimum) -----	23 credits

Career/Vocational (3 year track 10th-12th grade)

English -----	4 credits
Mathematics -----	3 credits
Science -----	3 credits
Social Studies (U.S. History and World Cultures)-----	3 credits
Health and Physical Education Electives -----	1 credits
Vocational Shop/ Elective Classes -----	<u>9 credits</u>
Total Credits Required (Minimum) -----	23 credits

Career Portfolio

AREAS OF CONCENTRATION

Academic/Academic Honors Ninth Grade

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0130 ELA 9
0130H ELA 9 Honors

+HISTORY:

2120 US Government to Reconstruction
2120H Honors US Government to Reconstruction

LANGUAGE ELECTIVES:

1113 Spanish I
1110 French I

+REQUIRED MINOR SUBJECTS:

+7724 9th Grade Experience (.25 Cr)
+3130 Computer Tech (.25 Cr)
+8131 Music (.25 Cr)
+9121 Physical Education (.25 Cr)

REQUIRED MAJOR SUBJECTS:

+MATHEMATICS:

3121A Algebra 1A
3123 Algebra 1 *
3123H Algebra 1 Honors
3331 Geometry
3331H Geometry Honors

+SCIENCE:

4130 Science 9
4130H Science 9 Honors

ELECTIVES:

7120 Basic Living Skills
8132 Chorus 1
7159 Tech Exploration
9204 Personal Finance

AREAS OF CONCENTRATION

Academic/Academic Honors **Tenth Grade**

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0230 ELA 10*
0230H ELA 10 Honors *

+HISTORY:

2220 US Government since Reconstruction
2220H Honors US Government since Reconstruction

LANGUAGE ELECTIVES:

1113 Spanish I
1213 Spanish II

1110 French I
1210 French II

REQUIRED MINOR SUBJECTS:

+9241 Health Education (.25 Cr)
+9211 Physical Education (.25 Cr)
+7824 21st Century Skills (.25 Cr)

REQUIRED MAJOR SUBJECTS:

+MATHEMATICS:

3121B Algebra 1B*
3223 Algebra 2
3331 Geometry
3331H Geometry Honors
3221 Concepts of Geometry
3223H Algebra 2 Honors

+SCIENCE:

4227 Keystone Biology*
4227H Keystone Biology Honors *
4228 Concepts of Keystone Biology*

ELECTIVES:

7220 Advanced Living Skills I
5230 Art I
7120 Basic Living Skills
8232 Chorus II
9205 Computer Programming I
0471 Creative Writing
8535 History of Rock and Roll
0450 Journalism I
8535 Musical Theatre Foundations
8536H Music Theory I Honors
8537H Music Theory II Honors
9204 Personal Finance
0460 Public Speaking
7159 Tech Exploration I
7221 Tech Exploration II

AREAS OF CONCENTRATION

Academic/Academic Honors **Eleventh Grade**

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0330 ELA 11
0330H ELA 11 Honors

+ HISTORY:

2321 World Cultures
2321H Honors World Cultures
2320AP AP History (US)

LANGUAGE ELECTIVES:

1113 Spanish I
1213 Spanish II
1313 Spanish III

1110 French I
1210 French II
1310 French III

+REQUIRED MINOR SUBJECTS:

9321 Physical Education (.25 Cr)
9341 Health Education (.50 Cr)

REQUIRED MAJOR SUBJECTS:

+ MATHEMATICS:

3321 Concepts of Algebra 2
3223 Algebra 2
3223H Algebra 2 Honors
3221 Concepts of Geometry
3331 Geometry
3412 Probability/Statistics
3414AP AP Calculus
3313 Trigonometry
3313H Pre-Calculus/Trigonometry Honors

+SCIENCE:

4328 Environmental Science
4328H Environmental Science Honors
4324 Chemistry I
4324H Chemistry I Honors
4428H Advanced Biology Honors
4423H Physics 1 Honors

ELECTIVES:

5230 Art I
5330 Art II
7110 Advanced Living Skills I
7220 Advanced Living Skills II
9205 Computer Programming 1
9206 Computer Programming 2
8332 Chorus III
0471 Creative Writing
0450 Journalism I
0451 Journalism II
6344 Law Studies
8535 History of Rock and Roll
8536H Music Theory I Honors
8537H Music Theory II Honors
9204 Personal Finance
2433 Psychology
0460 Public Speaking
7159 Tech Exploration I
7221 Tech Exploration II
7223 Tech Drawing I

AREAS OF CONCENTRATION

Academic/Academic Honors

Twelfth Grade

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0430	ELA 12
0430H	ELA 12 Honors
0440AP	AP English Literature and Composition

+HISTORY:

2330	US Government/Comprehensive
2320AP	AP History (US)

LANGUAGE ELECTIVES:

1113	Spanish I
1213	Spanish II
1313	Spanish III
1314	Spanish IV
1110	French I
1210	French II
1310	French III
1410	French IV

+REQUIRED MINOR SUBJECTS:

9321	Physical Education	(.50 Cr)
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REQUIRED MAJOR SUBJECTS:

+MATHEMATICS:

3321	Concepts of Algebra 2
3223	Algebra 2
3412	Probability/Statistics
3313	Trigonometry
3313H	Pre-Calculus/Trigonometry Honors
3414AP	AP Calculus
3520	College Ready Math

+SCIENCE:

4328	Environmental Science
4328H	Environmental Science Honors
4324	Chemistry I
4324H	Chemistry I Honors
4424H	Chemistry II Honors
4428H	Advanced Biology Honors
4423H	Physics I Honors
4429AP	AP Biology
4440EH	E Scientific Research and Design Honors
4441	Scientific Research and Design

ELECTIVES:

5230	Art I
5330	Art II
5430	Art III/IV
7110	Advanced Living Skills I
7220	Advanced Living Skills II
7330	Advanced Living Skills III
9205	Computer Programming 1
9206	Computer Programming 2
8432	Chorus IV
0471	Creative Writing
0450	Journalism I
0451	Journalism II
0452	Journalism III
6344	Law Studies
8535	History of Rock and Roll
8536H	Music Theory I Honors
8537H	Music Theory II Honors
9204	Personal Finance
5530	Photography
2433	Psychology
0460	Public Speaking
7159	Tech Exploration I
7221	Tech Exploration II
7222	Tech Exploration III
7223	Tech Draw/Design I
7323	Tech Draw/Design II

AREAS OF CONCENTRATION

Career Technical

Ninth Grade

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0130 ELA 9
0130H ELA 9 Honors

+HISTORY:

2120 US Government to Reconstruction
2120H Honors US Government to Reconstruction

LANGUAGE:

1113 Spanish I
1110 French I

REQUIRED MAJOR SUBJECTS:

+MATHEMATICS:

3121A Algebra 1A
3123 Algebra I *
3331 Geometry
3331H Geometry Honors

+SCIENCE:

4130 Science 9
4130H Science 9 Honors

ELECTIVE

7120 Basic Living Skills
8132 Chorus 1
9204 Personal Finance
7159 Tech Exploration

+REQUIRED MINOR SUBJECTS:

+7724 9th Grade Experience (.25 Cr)
+3130 Computer Tech (.25 Cr)
+8131 Music (.25 Cr)
+9121 Physical Education (.25 Cr)

*Keystone exam course

WBACTC application, which is obtained through guidance, is required if new enrollment.

A limited number of students can apply for acceptance into the Head Start Program at the Wilkes-Barre Area Career and Technical Center. This is designed to give students an array of experiences in four different courses of study offered by the WBACTC. It also instructs them daily on the required core subjects they need to graduate high school. You need to have a referral from guidance to be eligible for this program.

AREAS OF CONCENTRATION

Career Technical

Tenth Grade

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0230 ELA 10*

0230H ELA 10 Honors *

REQUIRED MAJOR SUBJECTS:

+MATHEMATICS:

3121B Algebra 1B*

3331 Geometry

3221 Concepts of Geometry

REQUIRED MINOR SUBJECTS:

+9241 Health Education (.25 Cr)

+9211 Physical Education (.25 Cr)

*Keystone exam course

WBACTC application, which is obtained through guidance, is required if new enrollment.

Students will be at the WBACTC for the morning and spend the afternoon session at Greater Nanticoke Area High School.

AREAS OF CONCENTRATION

Career Technical

Eleventh Grade

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0330 ELA 11
0330H ELA 11 Honors

+ HISTORY:

2321 World Cultures
2321H Honors World Cultures
2220 US Government since Reconstruction
2220H Honors US Government since Reconstruction

REQUIRED MAJOR SUBJECTS:

+ MATHEMATICS:

3331 Geometry
3223 Algebra II
3221 Concepts of Geometry
3321 Concepts of Algebra II
3412 Probability/Statistics

+SCIENCE:

4227 Keystone Biology *
4227H Keystone Biology Honors *
4228 Concepts of Keystone Biology *

*Keystone exam course

WBACTC application, which is obtained through guidance, is required if new enrollment.

The students will receive four periods of instruction at Greater Nanticoke Area High School and spend the afternoon at the WBACTC.

AREAS OF CONCENTRATION

Career Technical

Twelfth Grade

REQUIRED MAJOR SUBJECTS:

+ENGLISH:

0430	ELA 12
0430H	ELA 12 Honors
0440AP	AP English Literature and Composition

+HISTORY:

2321	World Cultures
2330AP	AP History (US)
2330	US Government/Comprehensive

REQUIRED MINOR SUBJECTS:

9321	Physical Education	(.50 Cr)
9341	Health Education	(.50 Cr)

REQUIRED MAJOR SUBJECTS:

MATHEMATICS:

3223	Algebra 2
3321	Concepts of Algebra 2
3412	Probability/Stats
3520	College Ready Math

+SCIENCE:

4328H	Environmental Science Honors
4329	Environmental Science
4324	Chemistry I
4428H	Advanced Biology Honors
4440EH	E Scientific Research/ Design Honors
4441	Scientific Research and Design
4429AP	AP Biology

The students will receive four periods of instruction at the Greater Nanticoke Area High School and spend the afternoon at the WBACTC.

Student can receive up to 9 elective credits of instruction from their shop class toward reaching the graduation requirements of 23 credits from Greater Nanticoke Area.

English	4 credits
Mathematics	3 credits
Science	3 credits
Social Studies (U.S. History and World Cultures)	3 credits
Health and Physical Education Electives	1 credits
Vocational Shop/ Elective Classes	<u>9 credits</u>
Total Credits Required (Minimum)	23 credits

Wilkes-Barre Area Career Technical Center Courses

GRADES	COURSE OFFERINGS
10-11-12	Air Conditioning and Refrigeration
10-11-12	Audio Visual Communications
10-11-12	Automotive Body and Fender
10-11-12	Automotive Mechanics I *
10-11-12	Automotive Mechanics II *
10-11-12	Building Trades Maintenance
10-11-12	Business Data Processing *
10-11-12	Carpentry and Millwork
10-11-12	Child Care
10-11-12	Computer Information Technology
10-11-12	Cooperative Education
10-11-12	Cosmetology I
10-11-12	Cosmetology II
10-11-12	Culinary Arts I *
10-11-12	Culinary Arts II *
10-11-12	Diesel and Heavy Equipment
10-11-12	Drafting *
10-11-12	Electricity
10-11-12	Graphic Arts *
10-11-12	Health and Dental Assistant *
10-11-12	Law Enforcement
10-11-12	Machine Shop
10-11-12	Marketing
10-11-12	Masonry
10-11-12	Ornamental Horticulture
10-11-12	Plumbing and Pipe Fitting
10-11-12	Residential Construction
10-11-12	Warehouse Management
10-11-12	Welding

COURSE DESCRIPTIONS

English

0130 ELA 9

Grade 9

This course, aligned to the PA Common Core Standards for English Language Arts for Grade 9, begins the first half of instruction in preparation for the Keystone Exam in Literature. This exam will be taken upon the completion of either English Language Arts 10 or English Language Arts Honors 10. Students develop proficiency in reading for meaning, analyzing and interpreting fictional and nonfictional literature, and in writing informative/explanatory and argumentative essays. Students explore how literary devices and elements relate to author's purpose. While acquiring the ability to infer, generalize, paraphrase and summarize, students examine the historical, cultural and universal significance of literature from multiple genres. Students write both arguments to support claims in an analysis of substantive topics or texts and informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

*Passing ELA 9 is the prerequisite for taking ELA 10.

0130H ELA 9 Honors

Grade 9

Prerequisite: 90 or above in both ELA 8 and Reading 8 and teacher recommendation

Independent novel readings and a final project are required.

ELA Honors 9 thoroughly challenges students to apply critical thinking strategies as English Language Arts skills are further developed within the scope of the 9th grade ELA curriculum. This rigorous course requires students to exhibit independent work habits, enthusiasm for learning, and motivation for success.

This course, aligned to the PA Common Core Standards for English Language Arts for Grade 9, begins the first half of instruction in preparation for the Keystone Exam in Literature. This exam will be taken upon the completion of English Language Arts 10 or English Language Arts Honors 10. Students develop proficiency in reading for meaning, analyzing and interpreting fictional and nonfictional literature, and in writing informative/explanatory and argumentative essays. Students explore how literary devices and elements relate to author's purpose. While acquiring the ability to infer, generalize, paraphrase and summarize, students examine the historical, cultural and universal significance of literature from multiple genres. Students write both arguments to support claims in an analysis of substantive topics or texts and informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

Students will be required to independently read five novels throughout the year, one per quarter in addition to *Of Mice and Men* by John Steinbeck, which should be read the summer before entering ninth grade. An assessment will follow each reading.

0230 ELA 10**Grade 10****Prerequisite: ELA 9**

This course, aligned to the PA Common Core Standards for English Language Arts for Grade 10, continues with the second half of instruction in preparation for the Keystone Exam in Literature. This exam will be taken upon the completion of this course. Students will engage in reading and responding to fictional and nonfictional literature during the continued exploration of poetry, short stories, drama and the novel. This course will also provide students the opportunity to expand their knowledge of the writing process with a particular focus on the following writing elements: the use of prewriting techniques to generate topics; the employment of strategies for drafting, editing, and revising for clarity, effectiveness, and interest; the translation of topics into thesis statements; and the revision of writing with attention to structure and mechanics.

As a result of this course, students will be able to create written documents using writing as a process method, recognize and use various methods of development, such as description, narration, illustration, process analysis, classification, compare/contrast and definition. Students will also initiate and engage in meaningful collaborative discussion on grade-level topics heightened by their ability to reason, provide evidence, and evaluate the views of others while exploring their own beliefs and assumptions.

*Passing ELA 10 is the prerequisite for taking ELA 11.

This is the Keystone Test Course

0230H ELA 10 Honors**Grade 10****Prerequisite: 90 or above in ELA 9 or ELA 9 Honors and teacher recommendation****Independent novel readings and a final project are required.**

ELA Honors 10 thoroughly challenges students to apply critical thinking strategies as English Language Arts skills are further developed within the scope of the 10th grade ELA curriculum. This rigorous course requires students to exhibit independent work habits, enthusiasm for learning, and motivation for success.

This course, aligned to the PA Common Core Standards for English Language Arts for Grade 10, continues with the second half of instruction in preparation for both the Keystone Exam in Literature. This exam will be taken upon the completion of this course. Students will engage in reading and responding to fictional and nonfictional literature during the continued exploration of poetry, short stories, drama and the novel. This course will also provide students the opportunity to expand their knowledge of the writing process with a particular focus on the following writing elements: the use of prewriting techniques to generate topics; the employment of strategies for drafting, editing, and revising for clarity, effectiveness, and interest; the translation of topics into thesis statements; and the revision of writing with attention to structure and mechanics.

As a result of this course, students will be able to create written documents using writing as a process method, recognize and use various methods of development, such as description, narration, illustration, process analysis, classification, compare/contrast and definition. Students will also initiate and engage in meaningful collaborative discussion on grade-level topics heightened by their ability to reason, provide evidence, and evaluate the views of others while exploring their own beliefs and assumptions.

Students will be required to independently read five novels throughout the year, one per quarter in addition to *The Book Thief* by Marcus Zusak, which should be read the summer before entering tenth grade. An assessment will follow each reading.

This is the Keystone Test Course.

0330 ELA 11

Grade 11

Prerequisite: ELA 10

This course is aligned to the PA Common Core Standards for English Language Arts for Grade 11. In this course, students examine perspective in connection to purpose, audience, and task. They cite strong, thorough textual evidence based on and related to the author's implicit and explicit assumptions and beliefs. Students cultivate their vocabulary through the understanding and application of new terms in their writings. Skills in grammar and conventions are honed daily through various writing and analyzing situations.

Students will further develop communication skills, work collaboratively and use information technology as a tool to access and analyze information, solve problems, and communicate ideas. In addition, a major research paper will be completed.

*Passing ELA 11 is a prerequisite for taking ELA 12.

0330H ELA 11 Honors

Grade 11

**Prerequisite: Prerequisite: 90 or above in ELA 10 or ELA 10 Honors and teacher recommendation
Independent novel readings and a final project are required.**

ELA Honors 11 thoroughly challenges students to apply critical thinking strategies as English Language Arts skills are further developed within the scope of the 11th grade ELA curriculum. This rigorous course requires students to exhibit independent work habits, enthusiasm for learning, and motivation for success.

This course is aligned to the PA Common Core Standards for English Language Arts for Grade 11. In this course, students examine perspective in connection to purpose, audience, and task. They cite strong, thorough textual evidence based on and related to the author's implicit and explicit assumptions and beliefs. Students cultivate their vocabulary through the understanding and application of new terms in their writings. Skills in grammar and conventions are honed daily through various writing and analyzing situations.

Students will further develop communication skills, work collaboratively and use information technology as a tool to access and analyze information, solve problems, and communicate ideas. Additionally, a major research paper will be completed. Students will be required to independently read five novels throughout the year, one per quarter in addition to Mitch Albom's, *Tuesdays with Morrie* which should be read the summer before entering eleventh grade. An assessment will follow each reading.

0430 ELA 12

Grade 12

Prerequisite: ELA 11

This course is aligned to the PA Common Core Standards for English Language Arts for Grade 12. In twelfth grade, students advance to academic independence and college-and-career readiness. Students contend with demanding texts by utilizing previously learned skills to read, annotate, analyze and interpret literature. Students evaluate the writer's premise, purpose, and argument in both informational and literary text. Students conduct sustained research and engage in sharp, distinctive writing while making informed decisions, solving problems, evaluating the credibility and accuracy of sources, and noting discrepancies among resources.

Students will identify and trace language changes that have occurred over time while examining major social, religious and political movements. Students will apply critical thinking, listening, and reasoning skills to explore how various works from differing time periods treat various themes.

0430H ELA 12 Honors**Grade 12****Prerequisite: 90 or above in ELA 11 or ELA Honors and teacher recommendation****Independent novel readings and a final project are required.**

ELA Honors 12 thoroughly challenges students to apply critical thinking strategies as English Language Arts skills are further developed within the scope of the 12th grade ELA curriculum. This rigorous course requires students to exhibit independent work habits, enthusiasm for learning, and motivation for success.

This course is aligned to the PA Common Core Standards for English Language Arts for Grade 12. In twelfth grade, students advance to academic independence and college-and-career readiness.

Students contend with demanding texts by utilizing previously learned skills to read, annotate, analyze and interpret literature. Students evaluate the writer's premise, purpose, and argument in both informational and literary text. Students conduct sustained research and engage in sharp, distinctive writing while making informed decisions, solving problems, evaluating the credibility and accuracy of sources, and noting discrepancies among resources.

Students will identify and trace language changes that have occurred over time while examining major social, religious and political movements. Students will apply critical thinking, listening, and reasoning skills to exploring how various works from differing time periods treat various themes. Students hone skills in reading, writing, speaking, and listening to master purposeful and independent expression.

Students will be required to independently read four novels throughout the year, one per quarter, including *The Lord of the Flies* by William Golding, which should be read the summer before entering twelfth grade. An assessment will follow each reading.

0440AP AP English Literature and Composition**Grade 12****Prerequisite: Scoring advanced or proficient on the Keystone Literature Exam and teacher recommendation**

This course consists of a full academic year of work comparable to that of a college-level course. It is expected that students will elect to take the English Literature and Composition AP Exam given by the College Board to seek credit and/or placement from institutions of higher learning. Students that pass the exam are exempt from freshman English at more than 1,000 colleges and universities. AP English emphasizes excellence in independent reading and writing, class participation, leadership, and creativity.

This course requires an intensive reading of various types of poetry and prose from numerous literary periods at a progressive rate and will consider a work's structure, style, and theme, as well as its use of figurative language, imagery, symbolism, and tone. Students will write expository, analytical, and argumentative essays to analyze and interpret literary works. Being intellectually stimulating, AP English is demanding but will instill a great sense of accomplishment and a tremendous amount of confidence necessary for success in the collegiate English classroom.

Students choosing to take this course will read both *The Poisonwood Bible* by Barbara Kingsolver and *How to Read Literature Like a Professor* by Thomas C. Foster over the summer and must see the instructor for the additional summer work that accompanies this course. Students are required to read one novel per month outside of class as assigned by the instructor. **Students will have the opportunity to take the AP College Board Test and the end of this course. Students are responsible for all fees of this testing.**

0130E, 0230E, 0330E, 0430E English as a Second Language (ESL) Grades 9, 10, 11, 12

ESL is a program for students whose first language is not English. The ESL program helps these students learn English while also learning about American cultural values, customs, and social expectations. The goal of the ESL program is to provide students with planned instruction that will help them learn to fluently speak, read, listen, and write the English language, and become productive members of the American society.

Mathematics

3121A Algebra 1A

Grade 9

This course is for those students who completed Pre-Algebra in 8th grade. This is the first year of a two year course to prepare for the Keystone Algebra 1 exam.

3123 Algebra I

Grade 9

Prerequisite: 85 or above in 8th Pre-Algebra and teacher referral.

This course is for students who had Pre-Algebra in 8th grade and maintained an average of 85 or above, scored proficient or advanced on PSSA test, and have teacher referral.

This course is a Keystone Exam Course

3123H Algebra I Honors

Grade 9

Prerequisite: 90 or above in 8th Pre-Algebra and teacher referral.

This course is for students who had Pre-Algebra in 8th grade and maintained an average of 90 or above, scored proficient or advanced on PSSA test, and have teacher referral.

This course is a Keystone Exam Course

3121B Algebra 1B

Grade 10

Prerequisite: Algebra 1A

This course is for those students who completed Algebra 1A in 9th grade. This is the second year of a two year course to prepare for the Keystone Algebra 1 exam.

This course is a Keystone Exam Course

3331 Geometry

Grades 9, 10

Prerequisite: Algebra 1

This course is highly recommended for students attaining a final grade of 80 or higher in Algebra 1 and who have scored proficient or advanced on the Keystone Algebra 1 exam.

This course is based on the PA Core Standards for Geometry and focuses on building the student's reasoning and logical thinking skills through the study of shapes. It provides the student with a basic understanding of the structure of geometry, deductive reasoning, and the need for precision in the language of mathematics. Math software will be used to provide individual instruction, extended topics, and remediation. Topics include the concepts, properties and applications of lines, angles and triangles.

3331H Geometry Honors

Grades 9, 10

Prerequisite: 90 or above in Algebra 1 or Algebra 1 Honors and teacher recommendation

This rigorous course is based on the PA Core Standards for Geometry and is designed to prepare students who plan to attend a four-year college. This course uses algebra skills to study deductive reasoning and the need for precision of language along with the concepts, properties and applications of lines, angles, triangles and quadrilaterals. A culminating project will be required with this course.

3221 Concepts of Geometry**Grades 10, 11, 12****Prerequisite: Algebra 1 or Algebra 1B**

This course is designed to focus on the eligible content as defined by the PA Core Standards for Geometry. The following topics will be emphasized: geometric representations, 2- and 3-dimensional figures, reasoning and proof, geometric relations of congruence and similarity, analytic geometry, trigonometric ratios, and geometric probability. Various strategies for problem solving will be highlighted.

3223 Algebra 2**Grades 10, 11, 12****Prerequisite: Geometry**

This course is more academically rigorous in design and will focus on the eligible content as defined by the PA Core Standards for Algebra 2. The following topics will be emphasized: algebraic properties, processes and representations; exponential functions and equations; quadratic functions and equations; polynomial functions and equations; and compound probabilities and their addition and multiplication rules. Various strategies for problem solving will be highlighted.

3223H Honors Algebra 2**Grades 10, 11****Prerequisite: 90 or above in Geometry or Geometry Honors and teacher recommendation**

This course is more academically rigorous in design and will focus on the eligible content as defined by the PA Core Standards for Algebra 2. The following topics will be emphasized: algebraic properties, processes and representations; exponential functions and equations; quadratic functions and equations; polynomial functions and equations; and compound probabilities and their addition and multiplication rules. Various strategies for problem solving will be highlighted. A culminating project will be required with this course.

3321 Concepts of Algebra 2**Grades 11, 12****Prerequisite: Concepts of Geometry or Geometry**

This course is designed to focus on the eligible content as defined by the PA Core Standards for Algebra 2. The following topics will be emphasized: algebraic properties, processes and representations; exponential functions and equations; quadratic functions and equations; polynomial functions and equations; and compound probabilities and their addition and multiplication rules. Various strategies for problem solving will be highlighted.

3412 Probability and Statistics**Grades 11, 12****Prerequisite: Algebra 2 or Concepts of Algebra 2**

This course is designed to meet one of the basic needs of the emerging problems of mathematics, namely the introduction of probability and statistical inference. It is self-contained and requires only knowledge of secondary school algebra. The content of this course involves in a logical order, the study of elementary theory and permutations and combinations, and the concepts of sample spaces and repeated trials in probability. This is followed by an application of all the theory of hypothesis testing since this is considered the best way to introduce students to the study of statistical inference. In light of modern technology, the problems involve much more than usual ones referring to tossing coins, throwing dice and so on; they contain realistic situations from science, psychology, and opinion polls. A course in probability and statistics will provide an interesting, challenging, and rewarding study for students.

3313 Trigonometry Grades 11, 12

Prerequisite: Algebra 2 or Algebra 2 Honors

This course is intended for college-bound students who will use higher-level mathematics as they continue their education after high school. Topics to be studied include trigonometric functions, radian measure, graphing trigonometric functions, trigonometric identities, inverse trigonometric functions, trigonometric equations, law of sines and cosines, and the application of trigonometric concepts to real-world scenarios.

3313H Pre-Calculus/ Trigonometry Honors Grades 11, 12

Prerequisite: 90 or above in Algebra 2 or Algebra 2 Honors and teacher recommendation

The formal study of elementary functions is extended in this course, preparing students with the background necessary to succeed in Calculus. Students apply technology, modeling, and problem-solving skills to the study of exponential, logarithmic, trigonometric, and circular functions. Applications and problem simulations are explored in multiple representations: algebraic, graphical, and numerical. Graphing calculators will be utilized and are required for this course.

3414AP AP Calculus Grades 11, 12

Prerequisite: 90 or above in Pre-Calculus/ Trigonometry Honors and teacher referral

This AP Calculus AB course follows the syllabus approved by the College Board. Topics will include properties of functions, limits, differential calculus, and integral calculus. Use of symbolic differentiation and integration utilities is also included, and applications from a variety of real-world topics will be investigated. Students are expected to demonstrate their understanding through the rule of four: analytic/algebraic, numerical, graphical, and verbal methods of representing problems. Graphing calculators will be utilized and are required for this course. It is expected that students will take the AP exam and seek college credit and/or placement from institutions of higher learning.

Students will have the opportunity to take the AP College Exam at the end of this course. Students are responsible for all fees of this testing.

3520 College Ready Math Grade 12

Prerequisite: Algebra 2 or Concepts of Algebra 2 (can be taken concurrently)

This course is held at Nanticoke High School through collaboration with Luzerne County Community College. It is designed for those students going to any college with a non-math or science-related major, who may need a refresher on a variety of math skills. The first half of the course is a hybrid course completed through the traditional style, combined with modules completed on the computer. Students will not use calculators. Topics covered include Whole Numbers; Multiplying and Dividing Fractions; Adding and Subtracting Fractions; Decimals, Ratio and Proportion; Percent; and Measurement. Successful completion of the first half allows the student to move on to the second semester (Math101), where 3 college credits can be earned. The second half will be a more traditional course, including a sampling of topics such as Problem Solving & Logic, Personal Financial Management, and selected topics from Number Theory, Probability, and Statistics. As this is a college-level course, college-level expectations and guidelines apply. (Students may also incur some costs, determined in collaboration with LCCC, which will be kept as minimal as possible.)

Science

4130 Science 9

Grade 9

This course emphasizes scientific inquiry and inter-relationships between different areas of science. Major attention is given to practical applications that are meaningful and interesting to students.

This course provides a variety of scientific topics that stimulate interest and motivate learning, thereby avoiding the boredom that often sets in when students are forced to concentrate their studies in one area for a whole year.

This approach teaches students the unity of science in terms of scientific methods and science principles that pervade all science fields. This learning is important for all students as future citizens. Concepts covered include chemistry, ecology, and introductory physics topics.

4130H Science 9 Honors

Grade 9

Prerequisite: 90 or above average in Science 8 and a teacher referral

This course emphasizes scientific inquiry and inter-relationships between different areas of science. Major attention is given to practical applications that are meaningful and interesting to students.

This approach teaches students the unity of science in terms of scientific methods and science principles that pervade all science fields. This learning is important for all students as future citizens. Concepts covered include chemistry, ecology, and introductory physics topics. The intensity, speed, assimilation of material and material via outside assignments makes this a course challenging.

4228 Concepts of Keystone Biology

Grades 10, 11

The main topics of biology are explored using a hands-on practical approach. Applications to life and experimentation are stressed. Topics covered include ecology, cell biology, photosynthesis and respiration, genetics, evolution, and diversity of living things. This course cannot be used as a prerequisite for Advanced Biology or AP Biology.

This is a Keystone course.

4227 Keystone Biology

Grade 10

Prerequisite: 80 or above average in Science 9

All material will be covered that is needed for a student to continue a rigorous science curriculum. The intensity, speed, assimilation of material, material via labs, and outside assignments makes this course challenging. The lecture portion of the class will cover topics such as ecology, cell biology, photosynthesis and respiration, genetics, evolution and diversity of life. Laboratories are designed to stimulate student interest and encourage problem solving and discovery. This course can be used as a prerequisite for Advanced Biology .

This is a Keystone course.

4227H Keystone Biology Honors

Grade 10

Prerequisite: 90 or above average in Science 9 Honors and a teacher referral needed for this class.

This course is designed to cover the topics presented in biology at a faster pace and in more detail and is designed for students preparing for college. All material will be covered that is needed for a student to continue a rigorous science curriculum. The intensity, speed, assimilation of material, material via labs, and outside assignments makes this course challenging. The lecture portion of the class will cover topics such as ecology, cell biology, photosynthesis and respiration, genetics, evolution and diversity of life. Laboratories are designed to stimulate student interest and encourage problem solving and discovery. This course can be used as a prerequisite for Advanced Biology and AP Biology. **This is a Keystone course.**

4324 Chemistry I**Grades 11, 12****Prerequisite: Algebra I, Keystone Biology**

Chemistry, which is often considered the “Central Science,” is crucial to obtain a true understanding of any science. Chemistry introduces the student to the mathematical analysis and verification of the concepts, theories, and laws of chemistry, works to stimulate an interest in chemical experimentation, and to refine and develop proper laboratory procedure and etiquette. Through lectures, demonstrations, and experimentation, students will learn about the qualitative and quantitative properties of matter, classical and modern atomic theories, periodicity of the elements, aspects of chemical bonding, chemical reactions, stoichiometry and dimensional analysis. A scientific calculator is required for this course.

4324H Chemistry I Honors**Grades 11, 12****Prerequisite: Algebra I, 90 or above in Keystone Biology, Keystone Biology Honors, or Science 9 and teacher referral**

Chemistry, which is often considered the “Central Science,” is crucial to obtain a true understanding of any science. Chemistry introduces the student to the mathematical analysis and verification of the concepts, theories, and laws of chemistry, works to stimulate an interest in chemical experimentation, and to refine and develop proper laboratory procedure and etiquette. Through lectures, demonstrations, and experimentation, students will learn about the qualitative and quantitative properties of matter, classical and modern atomic theories, periodicity of the elements, aspects of chemical bonding, chemical reactions, stoichiometry and dimensional analysis. A scientific calculator is required for this course.

4424H Chemistry II Honors**Grade 12****Prerequisite: 90 or above Chemistry I Honors and teacher referral**

This course in Chemistry emphasizes a comprehensive study of the theories, laws, and principles of Chemistry with additional mathematical rigor. Through the use of laboratory experimentation and investigations, demonstrations, and lectures, students will expand upon the topics discussed in Chemistry I and explore major topics including thermochemistry, reaction spontaneity, chemical equilibrium, and chemical kinetics. Students intending to pursue a career in science, medicine, or engineering are strongly encouraged to take this course. A scientific calculator is required for this course.

4428H Advanced Biology Honors**Grades 11, 12****Prerequisite: 90 or above in Keystone Biology or Keystone Biology Honors and Chemistry I**

This course will familiarize the student with the more advanced technological and scientific methods of studying biology. The plant kingdom will be covered in the first quarter and the remainder of the year is designed to elaborate on concepts learned during the human component of Biology. An overview of the 11 major organ systems will give students a fundamental basis for specific structure and function of the organs involved with each organ system. Related studies in biochemistry, cell biology, histology, biotechnology, bioethics, and pathology will also be addressed. This course is recommended for serious students that may plan to continue their education in any of the bio-medical areas or careers.

4429 AP Biology Grade 12

Prerequisite: 90 or above in Advanced Biology Honors and Chemistry I - Class size is limited

The AP Biology course covers three general areas: Molecules and Cells, Heredity and Evolution and Organisms and Populations. This course requires extensive reading and note taking to cover the range of topics required for the AP exam. The laboratory experience will provide the opportunity for students to learn a variety of skills such as detailed observations, accurate recording, experimental design and implementations, data interpretations, statistical analysis and formal lab reports. It is expected that students will take the AP exam and seek college credit and/or placement from institutions of higher learning.

Students will have the opportunity to take the AP College Board Test and the end of this course. Students are responsible for all fees of this testing.

4423H Physics I Honors Grades 11, 12

Prerequisite: Algebra I, and 90 or above in Algebra II and Chemistry I

The basic purpose of the course is to incorporate the subject matter with the most useful and recent concepts of matter with a simplicity that will enable every student to achieve maximum comprehension. Physics is presented in such a manner that the student becomes a participant in the search for an understanding of the physical universe. Problem solving, laboratory techniques, creativity are developed through individual and group laboratory experiences in the fields of matter and energy, force, and motion, heat and sound, light, structure of matter, the atom, and magnetism and electricity.

4328 Environmental Science Grade 11, 12

Prerequisite: Concepts of Keystone Biology, Keystone Biology or Keystone Biology Honors

Environmental Science integrates information from the Earth, Physical and Biological Sciences to provide the necessary information to understand patterns and processes operating in ecosystems. Students will study the basic structure and needs of aquatic and terrestrial habitats; species ability to respond to natural and human influences; sustainability and conservation of natural resources; pollution; and wildlife conservation.

4328H Environmental Science Honors Grades 11, 12

Prerequisite: 90 or above in Keystone Biology or Keystone Biology Honors

Honors Environmental Science examines the concepts and methodologies required to understand and calculate the impacts of altering ecosystems, to identify and evaluate the risk associated with environmental problems and analyze their solutions. Students will study conservation of natural resources; biotic resources; pollution; wildlife conservation; population dynamics and land use planning. Student participation in field trips such as the Envirothon may be required as part of this course.

4441 Scientific Research and Design

Grade 12

Students conceive of, design, and complete a project using scientific inquiry and experimentation methodologies. Emphasis is typically placed on safety issues, research protocols, controlling or manipulating variables, data analysis, and a coherent display of the project and its outcomes. This class is designed for students interested in all other areas of science excluding engineering or physics.

4440EH Scientific Research and Design Honors

Grade 12

Prerequisite: 90 or above in Algebra 2 and must have taken or be taking Physics 1 Honors

Students conceive of, design, and complete a project using scientific inquiry and experimentation methodologies. Emphasis is typically placed on safety issues, research protocols, controlling or manipulating variables, data analysis, and a coherent display of the project and its outcomes. This class is designed for students interested in the field of engineering or physics.

History

2120 US Government to Reconstruction

Grade 9

This course is a study of American history from the colonization of America to Reconstruction. The building of colonies, American Revolution, creation of the Constitution, rise of sectionalism, and the Civil War will be emphasized. Students will gain an understanding of the events in early American history that will help them gain an appreciation of the first century of our nation's growth and development.

2120H US Government to Reconstruction Honors

Grade 9

Prerequisite: Grade weighted upon successful completion of course. Final grade of “90 or above” assures placement in course with a teacher recommendation. This course is a study of American history from the colonization of America to Reconstruction. The building of colonies, American Revolution, creation of the Constitution, rise of sectionalism, and the Civil War will be emphasized. Students will gain an understanding of the events in early American history that will help them gain an appreciation of the first century of our nation's growth and development.

2220 US Government since Reconstruction

Grade 10

This course emphasizes the period of American history from the 19th Century to modern times. The course deals with the problems and conflicts during the rise of industrialism, the World Wars, depression days, and the challenge of world leadership. By use of an inter-disciplinary approach, the student will become aware of the social, cultural, and economic aspects of each of the above mentioned areas.

2220H US Government since Reconstruction Honors

Grade 10

Prerequisite: Grade weighted upon successful completion of course. Final grade “ 90 or above” assures placement in course with a teacher recommendation.

This course emphasizes the period of American history from the 19th Century to modern times. The course deals with the problems and conflicts during the rise of industrialism, the World Wars, depression days, and the challenge of world leadership. By use of an inter-disciplinary approach, the student will become aware of the social, cultural, and economic aspects of each of the above mentioned areas.

* Project required

2321 World Cultures

Grade 11

It is a summary course of the cultures of pre-historic, ancient, medieval, and modern man. It is designed to develop an appreciation and an understanding of the different cultures of the world, both past and present. It also imparts knowledge and understanding of human events, the rise and fall of empires, religious beliefs, human conflicts, educational and scientific achievements, and realization of interdependence of the nations and people of the world. Coursework emphasizes development of research and writing skills and the analysis and interpretation of primary sources.

2321H World Cultures Honors**Grade 11**

Prerequisite: Grade weighted upon successful completion of course. Final grade of “90 or above” assures placement in course with a teacher recommendation. It is a summary course of the cultures of pre-historic, ancient, medieval, and modern man. It is designed to develop an appreciation and an understanding of the different cultures of the world, both past and present. It also imparts knowledge and understanding of human events, the rise and fall of empires, religious beliefs, human conflicts, educational and scientific achievements, and realization of interdependence of the nations and people of the world. Coursework emphasizes development of research and writing skills and the analysis and interpretation of primary sources.

2330 US Government/Comprehensive**Grade 12**

U.S. Government/Comprehensive courses provide an overview of the structure and functions of the US government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

2320AP AP US History**Grades 11, 12**

Prerequisite: *Grade weighted upon successful completion of Honors course. Final grade of “90 or above” assures placement in course with teacher approval.*

The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, peopling, and America in the world. In line with college and university U.S. history survey courses’ increased focus on early and recent American history and decreased emphasis on other areas, the AP U.S. History course expands on the history of the Americas from 1491 to 1607 and from 1980 to the present. It also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth. Follows the College Board’s suggested curriculum designed to parallel college US History courses.

Students will have the opportunity to take the AP College Board Test and the end of this course. Students are responsible for all fees of this testing.

Language Electives

1113 Spanish I

Grades 9-12

Level I is an introductory course that takes a communicative approach to learning the language. Practical conversation in the target language is emphasized. Authentic resources (made by native speakers for native speakers) are used to stimulate student interest, to enhance the acquisition of language skills, and to expose students to the target cultures. Students are encouraged to be risk takers and to be creative in the use of their new language. Students are expected to reach Novice-Mid level of proficiency in speaking and writing and Novice-High level in listening and reading.

1110 French I

Grades 9-12

Level I is an introductory course that takes a communicative approach to learning the language. Practical conversation in the target language is emphasized. Authentic resources (made by native speakers for native speakers) are used to stimulate student interest, to enhance the acquisition of language skills, and to expose students to the target cultures. Students are encouraged to be risk takers and to be creative in the use of their new language. Students are expected to reach Novice-Mid level of proficiency in speaking and writing and Novice-High level in listening and reading.

1210 (French II) 1213 (Spanish II)

Grades 10-12

Prerequisite: French I/Spanish I

Level II is an extension of Level I where the four language skills (listening, speaking, reading and writing) are stressed along with cultural themes. Emphasis is placed on comprehension and communication in the target language. Students are expected to reach Novice-Mid level of proficiency in speaking and writing and Novice-High proficiency in listening and reading.

1310 (French III) 1313 (Spanish III)

Grades 10-12

Prerequisite: 80 or above in French II/Spanish II and teacher recommendation

The aim of level II is to further develop target language skills acquired in levels I and II and to refine accuracy of language use. Students begin to learn content in the target language, including the geography, history and culture of French-speaking and Spanish-speaking countries. Students are expected to reach Novice-High level of proficiency in speaking and writing and Intermediate-Low proficiency in listening and reading.
(Course to be weighted as Honors Course)

1410 (French IV) 1413 (Spanish IV)

Grades 11-12

Prerequisite: 80 or above in French III/Spanish III and teacher recommendation

Level IV is designed to further the appreciation of the target language cultures as well as to foster skills in the four domains (listening, reading, speaking and writing) of language use. Students are expected to reach Intermediate-**Low level proficiency in speaking and writing and Intermediate-Mid level of proficiency in listening and reading.**

(Course to be weighted as an Honors Course)

Physical Education/Health

9121 Physical Education

Grade 9 Required

This course is designed to present to the student a variety of physical activities which reflect individual growth, group and/or team oriented activities with a concentration on lifetime-leisure sports or games.

Specific objectives include the creation of interest in personal progress, the improvement of physical skills and coordination, wholesome attitudes of health, hygiene and fitness, development of organic vigor and improvement of mental keenness and judgment.

(1 period/week :1 year -.25 credit)

9211, 9321, 9421 Physical Education

Grades 10, 11, 12

This course is designed to present to the student a variety of physical activities which reflect individual growth, group and/or team oriented activities with a concentration on lifetime-leisure sports or games.

Fundamentals and skills are stressed in the first two grade levels, whereas recreational pleasures are emphasized in the upper grades. Specific objectives include the creation of interest in personal progress, the improvement of physical skills and coordination, wholesome attitudes of health, hygiene and fitness, development of organic vigor and improvement of mental keenness and judgment.

(Grades 10, 11: 1 period/week - .25 credit) (9421--Grade 12: 2 periods/week - .5 credit)

9241 Health II

Grade 10

This course deals with basic individual care. There is a major emphasis on contemporary abuses of drugs, especially alcohol and tobacco, as well as communicable diseases. The student also will have the opportunity to examine the prevalence of cardiovascular diseases and the availability of different types of health care in America today. The role of the community in health and the opportunity of health careers are made known to the student with the realization of his or her importance in an adult society.

(1 period/week - 1 year - .25 credit)

9341 Health III /IV

Grade 11

The student becomes involved in an awareness program regarding nutrition and diet, including physical fitness and hygiene. An understanding of chronic disorders which includes methods to improve one's health through good health practices.

There is emphasis placed on emotional needs, promotion of good mental health, dealing with stress, and coping with problems which are associated with mental illness. The life cycle awareness from conception through the various stages of life deals with attitudes and adjustments that one must make in decision making.

(2 periods/week - 1 year - .5 credit)

Career Credits

7724 9th Grade Experience

Grade 9 (Required)

This class will cover a wide variety of topics including communication skills, networking skills and career readiness skills. This class will fulfill the requirements for 9th grade career development standards.

(5 days/ 1 quarter- .25 credit)

7824 Century skills 21st

Grade 10 (Required)

21st Century Skills will cover a wide variety of topics that will include study skills, leadership, communication skills, self-esteem, stress management and time management. This class will fulfill the requirements for 10th grade career development standards.

(1 day/ week- 1 year- .25 credit)

7924 Career Dev/Job Shadowing

Grade 11(Recommended by guidance)

Career Prep will cover how to fill out a job application, soft skills and interview skills. We will also be job shadowing. This class will fulfill the requirements for 11th grade career development standards.

(1 day/week- 1 year- .25 credit)

Electives

7110, 7220, 7330 Advanced Living Skills I, II, III

Grades 10, 11, 12

This is an advanced comprehensive study of all the components concerned with the changing life cycle of the student in the next few years. He/she will be able to survive "bachelor" living with the skills learned. It includes basic as well as gourmet food preparation, budgeting, shopping, and meal planning. Ethnic foods are discussed.

Clothing construction, crafts and interior design and decoration are among the areas covered.

Cooking is an art which needs to be explored and cultivated to gain its true usefulness. This class gives you the chance to experience the art of cooking. The meaning found from this art form will be used all of your life. The student will study eating habits, nutritional needs, basic kitchen skills, safety and food preparation. You will plan, prepare and serve attractive meals and snacks. International foods will be discussed and some of the foods will be prepared in class.

The students will examine their understandings as they compare values to society today. We will discuss marriage, engagements, and various adjustments to the life cycle. The study of pregnancy, prenatal care, birth and physical development of children will also be covered. The objective is to expose the students to different life choices to show them the consequences of these choices and to gain better understanding of how to deal with them.

5230 Art I

Grades 10, 11, 12

Students will develop their artistic skills by producing artworks using a variety of two dimensional and three dimensional media. They will create projects that include drawing, painting, design, printmaking, collage, and sculptures. Students will be introduced to art appreciation and history.

5330 Art II**Grades 11, 12****Prerequisite: Art I**

Areas of study include drawing, painting, printmaking, sculpture, calligraphy, and art appreciation. This course will include a more concentrated study in these areas than the previous course.

5430 Art III**Grade 12****Prerequisite: Art II**

Prerequisite: Art I and Art II Independent research. Students can specialize in areas of painting, drawing, printmaking, and sculpture. Art appreciation is also included in Art III.

7120 Basic Living Skills I**Grades 9, 10**

This course gives the student, both girls and boys, the opportunity to improve their family life by developing skills in the areas provided. These areas include personal adjustment, family relations, housing, and money management. It also includes clothing construction, various crafts, nutrition and its role in physical appearance, and creative food preparation and selection.

8132 Chorus I**Grades 9, 10, 11, 12**

The Greater Nanticoke Area High School Chorus is composed of students in grades 9-12. This specific course is offered one day per week to freshmen who wish to participate in chorus. Students are taught basic vocal warm-ups, and the proper use of the voice is demonstrated and reinforced. In addition, basic note reading and rhythmic skills are taught in order to expand the students' musical knowledge.

Concert music that is presented during after school rehearsals is reviewed during this class. Additional time after school and in the evening is required to rehearse for the various concerts and tours held throughout the year.

Chorus students are also REQUIRED to participate in the annual winter and spring concerts, the annual tours, competitions, and civic performances.

8232, 8332, 8432 Chorus II, III, IV**Grades 10, 11, 12**

The Greater Nanticoke Area High School Chorus is composed of students in grades 8-12. This specific course is offered five days per week to sophomores, juniors, and seniors who wish to participate in chorus. Students are taught basic vocal warm-ups, and the proper use of the voice is demonstrated and reinforced. In addition, basic note reading and rhythmic skills are taught in order to expand the students' musical knowledge.

Concert music that is presented during after school rehearsals is reviewed during this class. Additional time after school and in the evening is required to rehearse for the various concerts and tours held throughout the year.

Chorus students are also REQUIRED to participate in the annual winter and spring concerts, the annual tours, competitions, and civic performances.

3130 Computer Lit 9**Grade 9 Required**

This course offers 9th grade students the fundamentals necessary to coexist with computers in our high-tech age. Focus is placed on Microsoft Office software including Word, Excel, Power Point, Access, and Publisher. Students will also develop typing skills and research techniques using the Internet. This will be accomplished through various projects that students will complete throughout the year.

(1 period/week - 1 year - .25 credit)

9205 Computer Programming I State code 10152: Computer Programming I **Grades 11, 12**

Prerequisite: Algebra II or presently taking Algebra II

This course is structured to instruct the student in algorithms, which are essential in programming in any language. The first phase is designed to provide the essential information required for the student to learn, as quickly as possible, how to write complete programs in JAVA. The concepts of branching, looping, and output are introduced through program writing. These ideas are coupled with more advanced topics of sub-routines, library functions, graphics, and strings. The above objectives will be introduced and practiced through a hands-on approach.

9206 Computer Programming II **Grade 12**

Prerequisite: Computer Programming I

In the second course of Computer Programming, students will extend their skills in developing algorithms to write programs that are more complex. Focus will be placed on object-oriented programming with a more in-depth study of data structures, design, and abstraction. Students will code fluently using more advanced programming languages such as Java as well as read and understand large programs consisting of several classes and interacting objects.

0471 Creative Writing (Elective) **Grades 10, 11, 12**

This course emphasizes the development of skills in the creation and study of prose, drama and poetry in an intensive workshop setting. For students who enjoy reading and aspire to improve their writing ability, this course requires writing in a variety of genres and a forum for giving and receiving constructive criticism. Students will work to understand the fundamentals of writing including description, dialogue, tone, plotting, and the revision and rewriting process. This course will examine traditional creative writing methods and strategies in addition to those necessary for interactive twenty-first century genres. Students will write daily.

0450 Journalism I (Elective) **Grades 10, 11, 12**

Prerequisite: Current English teacher recommendation

This course is designed to introduce students to the styles and practices of basic journalism with a focus on journalistic writing, interviewing, editing, photograph, and newspaper design. Students examine journalistic concepts of newsworthiness, objectivity, responsibility, and brevity. Students will routinely analyze, synthesize and organize collected information and apply the learned principles to the production of the school newspaper.

0451 Journalism II (Elective) **Grades 11, 12**

Prerequisite: Journalism and current Journalism teacher approval

This course is designed for students who have completed Journalism and wish to continue the journalism experience. Students examine journalistic concepts of newsworthiness, objectivity, responsibility, and brevity. Students will routinely analyze, synthesize and organize collected information and apply the learned principles to the production of the school newspaper.

0452 Journalism III (Elective) **Grade 12**

Prerequisite: Journalism, Journalism II, and current Journalism teacher approval

This course is designed for students who have completed Journalism and Journalism II and wish to continue the

journalism experience. Students examine journalistic concepts of newsworthiness, objectivity, responsibility, and brevity. Students will routinely analyze, synthesize and organize collected information and apply the learned principles to the production of the school newspaper.

6344 Law Studies (Elective)

Grade 12

Students will explore the basic fundamentals of law and how it applies to business and personal life situations. Emphasis will be placed on personal law, criminal law, and tort law. Topics discussed will include ethics, contracts, bankruptcy, civil law, criminal law, laws that impact minors, laws for families, laws for consumers, and probate law.

8131 Music 9 Grade 9 Required
This course is designed to introduce students to basic music theory concepts, American music, world music, and the relation of music to the other art forms. Taught in a cooperative learning setting, students will learn the history of music from the medieval era to modern times. Students will also construct instruments and learn to play a simple melody on the instruments. (1 period/week :1 year -.25 credit)

8535 History of Rock & Roll Grades 10, 11, 12
This course is designed to acquaint students with the history of Rock & Roll music. Some topics to be covered will include identifying the roots of the genre, a decade by decade study and analysis of the various styles of rock music (1950's to present day), and in-depth discussions of selected artists and groups from each decade. Musical examples, video presentations, and student research projects will be integral components of this class.

8536H Music Theory I Honors Grades 10, 11, 12
This course is designed for students who wish to acquire in-depth knowledge of music theory and history. Topics will include basic music terms, major and minor scales, intervals, chords, transposition, orchestration, four-part writing, and composition. Sight singing, rhythmic and melodic dictation, analysis, and keyboard harmony will also be stressed. Students who elect to take this class are eligible to take the AP Music Theory exam at the end of the school year. Repetition of this class requires office approval.

Students will have the opportunity to take the AP College Board Test and the end of this course. Students are responsible for all fees of this testing

8537H Music Theory II Honors Grades 10, 11, 12
This is a continuation of Music Theory. Students enrolled in this class will pursue more in-depth training in aural skills, orchestration, analysis, and 20th century compositional techniques.

Students will have the opportunity to take the AP College Board Test and the end of this course. Students are responsible for all fees of this testing

9204 Personal Finance Grades 9, 10, 11, 12
Students will develop core skills and strategies for managing their financial lives and gain experience working with “real-life” forms and statements in both digital and hard copy formats. They will evaluate and manage various payment methods including checking accounts, debit cards, credit cards, and loans and calculate the associated fees. Systems & procedures will be developed and utilized to assure financial records are accurate. The impact of a positive or negative credit history will be analyzed and students will establish a plan for achieving a positive score, as well as correcting a negative score, including ways to protect against identity theft. Students will learn how to finance a post-secondary education including loans, grants, and scholarships. Students will plan how to meet financial goals through various budgeting strategies as well as through savings and investment plans. Employment options will be evaluated and students will examine the impact of various

career choices on their financial future. Students will analyze and calculate gross pay and net pay, including regular and overtime wages, commission, and piece rate. Many aspects of personal income tax will be studied and students will complete various tax forms including calculating taxable income and tax liability. They will also assess the purpose, source, and impact of various taxes. Students will consider an assortment of insurance products and compare and contrast various suppliers. Students leaving this class will have a better understanding of financial responsibility and the skills needed to successfully navigate their financial futures.

2433 Psychology I (Elective)

Grade 11, 12

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

0460 Public Speaking (Elective)

Grades 10, 11, 12

This course introduces the theory and practice of communicating in interpersonal and public speaking settings. Students will cover both logic and argumentation, as well as the fundamentals of effective public speaking: preparation, pace, tone, facial and vocal expressiveness, and anxiety management. Students will learn about the role of communication in our lives, the effectiveness of language, gestures, and organizational techniques. Students will develop and present original speeches applying learned ideas and strategies, working toward the ultimate goal of becoming exceptional speakers.

7159 Technology Exploration I

Grades 9-12

This course is designed as an introductory course for freshmen students. Students will develop technical skills along with drafting skills. These skills will allow the students to complete various required projects.

7221 Technology Exploration II

Grades 10-12

This is a more comprehensive course of Construction Technology. Technology is used to change basic industrial material into useful consumer and industrial products. In this course, students are exposed to various raw materials and the manufacturing techniques used to process these materials into usable goods to reinforce what they are learning. Each student is challenged to create a unique, personal project as a requirement of the course.

7222 Technology Exploration III

Grades 11-12

This is a more comprehensive course of Construction Technology. Technology is used to change basic industrial material into useful consumer and industrial products. In this course, students are exposed to various raw materials and the manufacturing techniques used to process these materials into usable goods to reinforce what they are learning. Each student is challenged to create a unique, personal project as a requirement of the course

ADVANCED PLACEMENT/DUAL ENROLLMENT

The Greater Nanticoke Area High School offers several cost effective options for eligible students to earn college credit while attending high school.

Beginning with the class of 2018, dual enrollment courses may count only as electives and may not take the place of mandatory GNA courses necessary for graduation.

Advanced Placement Courses

Advanced Placement courses are considered both challenging and demanding. While working rigorously toward preparation for the AP Exams in May, students are expected to read and write extensively and independently. Please see course descriptions for additional details.

Dual Enrollment Courses

Members of the Junior and Senior Class have the opportunity to apply for Dual Enrollment classes at our local colleges. Eligibility requirements are as follows:

1. Students must have junior or senior high school status.
2. Students must have a cumulative 94% or higher GPA.
3. Students must attain the level of Proficient or Advanced on all Keystone related exams.
4. Students must take a minimum of (5) five courses at GNA.
5. Dual enrollment courses may count only as electives and may *not* take the place of mandatory GNA courses necessary for graduation.
6. Juniors will be allowed to take one course per semester.
7. Seniors will be allowed to take two courses per semester.
8. Dual enrollment classes may only be taken between the hours of 8 AM and 10 AM, and after 1 PM.
9. Any changes to college class schedules may only be made with the written consent of high school administration or counselors.
10. Students must provide their own transportation and pay for their own college textbooks/supplies.
11. Students must follow the academic calendars of both the GNA High School and the college of their choice, which are often not the same.
12. Students must follow the GNA High School Code of Conduct during college classes and will be held accountable for any inappropriate behavior.
13. Students are responsible for ensuring the college credits obtained during the dual enrollment process will transfer to the college of their choice.

*Students who do not meet the GPA requirement may still utilize the Dual Enrollment program by taking evening, online, or weekend classes.

