

NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## ADMINISTRATION AND COUNSELORS

Dr. Terence P. Meehan  
*Superintendent*

Mr. Justin DiMuccio  
*Business Manager*

Mrs. Jenny Flannery  
*Director of Educational Services*

Mrs. Staci Norris  
*Director of Special Education*

Mrs. Alicia Measel  
*Junior High School Principal*

Mr. Luca Passarelli  
*Senior High School Principal*

Mr. Adam Held  
*Junior High School Counselor*

Mrs. Brenda DeVincentis  
*Senior High School Counselor*

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## BOARD OF SCHOOL DIRECTORS

Mr. PJ Copple, President  
Mr. Michael Vatter, Vice-President  
Mr. David Antuono, Treasurer  
Mr. Matt Allison  
Mrs. Kelly Corey  
Mr. Mark Hasson  
Mrs. Karen Houk  
Mr. Michael Kalpich  
Mrs. Autumn Schachern

## Our Mission

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*Neshannock Township School District is committed to providing every student the opportunity to develop and utilize their academic and social skills through an exemplary, rigorous educational experience in a safe and caring environment.*





## Belief Statement

*All students can learn.*

*We prepare our students to be life-long learners.*

*Students learn in different ways and at different rates.*

*The key aspect of education is developing well-rounded students who think creatively and critically to make informed decisions and solve problems.*

*Education enables the individual to be a responsible, self-disciplined member of a community.*

*Education and cultural diversity enriches the educational experience for students.*

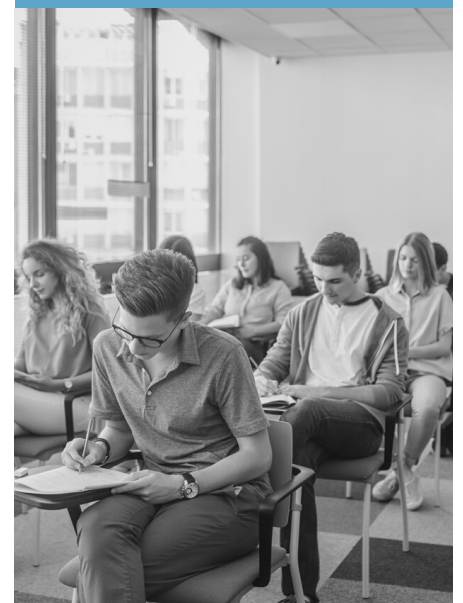
*Students and staff will be proactive in creating a safe and caring environment.*

*Education is a cooperative effort of the Board of Education, staff, students, parents, and the community.*

*The School District fosters an environment that encourages all staff to exercise their unique skills to enhance education.*

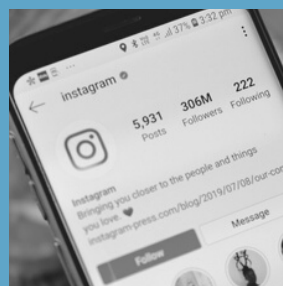
## Vision Statement

THE DISTRICT WILL FOSTER SCHOOL AND COMMUNITY PARTNERSHIPS IN ORDER TO DELIVER A RIGOROUS CURRICULUM THAT MEETS THE NEEDS OF ALL STUDENTS. THESE PARTNERSHIPS WILL INSPIRE STUDENTS AND STAFF TO ACHIEVE ALL ASPECTS OF THE DISTRICT'S MISSION AND GOALS.



## Neshannock Township School District

*Our Online Presence | Stay Connected with NTSD*



# NTSD.ORG

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**YOUTUBE**  
YOUTUBE.COM/NESHANNOCK  
VIDEOPRODUCTIONS

**SCHOOL MESSENGER**  
CALL AND TEXT ALERTS



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# SCHEDULING TIMELINE



Counselors will distribute the Program of Studies and a preliminary registration form to grades 8, 9, 10, and 11 starting in February 2023.

Students must obtain required teacher recommendation; return Preliminary Registration Form and Course Criteria Waiver Consent Form to their school counselor by February 24, 2023.

Course requests will be reviewed and entered by school counselors into the scheduling program beginning in February 2023.

Courses that do not have 10 or more students in the class will not be offered.

## School Counselors

*Questions regarding the scheduling process should be directed to the following:*

**Mr. Adam Held, Grades 7 - 9**

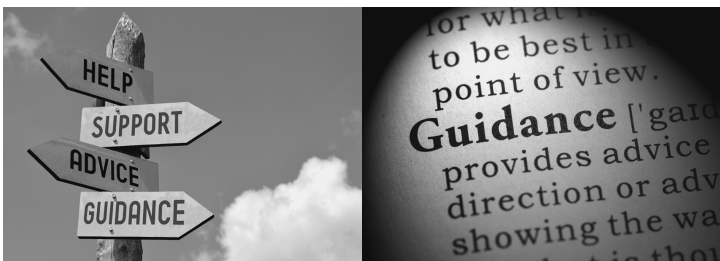
[aheld@ntsd.org](mailto:aheld@ntsd.org)

724-658-5513, ext. 5122

**Mrs. Brenda DeVincentis, Grades 10 - 12**

[bdevincentis@ntsd.org](mailto:bdevincentis@ntsd.org)

724-658-5513, ext. 5115





# GRADUATION REQUIREMENTS

## SCHEDULING REQUIREMENTS FOR ALL STUDENTS

At least 2.0 credits of Elective Courses must be acquired in the Arts and Humanities. Arts and Humanities courses include additional courses in English, Social Studies, Foreign Language, Visual Arts, Family and Consumer Sciences, Technology Education, and Music.

Students must schedule a minimum number of credits each year:

Grade 9 – 7.5 credits

Grade 10 – 7.5 credits

Grade 11 – 7.5 credits

Grade 12 – 7.5 credits

*Students who deviate from this requirement must have the approval of the building principal.*

There are nine periods; eight (8) instructional periods and one (1) period for lunch at the Junior/Senior High School. Students are encouraged to take advantage of the many and varied elective courses offered by the District.

During any semester, students should not have more than one (1) study hall per day.

	Class of 2024	Class of 2025	Class of 2026	Class of 2027
English	4.00	4.00	4.00	4.00
Social Studies	4.00	4.00	4.00	4.00
Math	4.00	4.00	4.00	4.00
Science	3.00	3.00	3.00	3.00
Technology	1.00	1.00	1.00	1.00
Electives	5.00	5.00	5.00	5.00
Human Performance	1.50	1.50	1.50	1.50
Health	0.25	0.25	0.25	0.25
Drivers Ed	0.25	0.25	0.25	0.25
Video Production	0.50	0.50	0.50	0.50
Personal Finance	0.50	0.50	0.50	0.50
Graduation Project	1.00	1.00	1.00	1.00
Assessment Prep	0.50	0.50	0.50	0.50
<b>Total Credits Required</b>	<b>25.50</b>	<b>25.50</b>	<b>25.50</b>	<b>25.50</b>



# GRADUATION REQUIREMENTS

Class of 2024 | Class of 2025 | Class of 2026 | Class of 2027

## GRADE 9

### REQUIRED

English 9  
Civics  
Mathematics  
Physical Science 9  
Physical Education (.5)  
Intro to Video Production 9 (.5)  
Personal Finance (.5)  
Elective  
*(Level I of World Language Recommended)*

- Students are required to carry seven solid subjects plus physical education. Solid subjects are those that meet a minimum of five periods per week.
- Physical education meets all year two or three periods per week following an alternating schedule. Study Hall is opposite physical education every other day all year.
- Video Production is one semester.
- Personal Finance is one semester.
- All core academic subjects listed meet five times weekly.

## GRADE 10

### REQUIRED

English 10  
World Cultures  
Biology  
Mathematics  
Assessment Prep/Wellness/Driver Ed  
Elective  
Elective  
*(Level II of World Language Recommended)*

To be considered a sophomore, a student must have passed 9th grade English and accumulated five credits.

- Students are required to carry seven solid subjects. Solid subjects are those that meet a minimum of five periods per week. Assessment Prep, Wellness, and Driver Education count as one solid subject.
- Assessment Prep meets all year two or three periods per week following an alternating schedule. Wellness meets for one semester; driver education meets the other semester opposite Assessment Prep.
- All core academic subjects listed meet five times weekly.
- A full-time study hall will be an option as an alternative to a second elective.

# GRADUATION REQUIREMENTS

Class of 2024 | Class of 2025 | Class of 2026 | Class of 2027

## GRADE 11

### REQUIRED

English 11  
Mathematics  
US History or AP US History  
Science  
Physical Education  
Electives (3)

*(Level III of World Language Recommended)*

*A study hall may be taken if a student selects Chemistry, AP Chemistry, AP Biology or schedules three or more AP courses.*

To be considered a junior, a student must have passed 10th grade English and accumulated ten credits.

- Students are required to carry seven solid subjects plus physical education.
- The exceptions are: students who schedule three or more AP classes or students who schedule Chemistry, AP Chemistry, AP Calculus, or AP Biology, may select a study hall in place of another elective.
- Solid subjects are those that meet a minimum of five periods weekly.
- All core academic courses listed meet five times weekly (except Chemistry, AP Biology, AP Calculus, AP Chemistry, AP English, and Physics).

## GRADE 12

### REQUIRED

English 12  
Social Studies  
Mathematics  
Physical Education  
Electives (3)

*(Level IV of World Language Recommended)*

*A study hall may be taken if a student selects Chemistry, Physics, AP Chemistry, AP Biology, AP Calculus, AP English, or schedules three or more AP courses.*

To be considered a senior, a student must have passed 11th grade English and accumulated 15 credits.

- Students are required to carry seven solid subjects plus physical education.
- The exceptions are: students who schedule three or more AP classes or students who schedule Chemistry, Physics, AP Chemistry, AP Calculus, AP English, or AP Biology, may select a study hall in place of another elective.
- Solid subjects are those that meet a minimum of five periods weekly.
- Physical education meets all year two or three periods per week following an alternating schedule.
- Science must be selected and scheduled in 12th grade if credit was not earned in the 9th, 10th, and 11th grade.
- Be sure to check that you will have enough credits to graduate - check graduation requirements.



## GRADE 9 - PRELIMINARY REGISTRATION FORM

**DUE DATE: FEBRUARY 24, 2023**

Students are required to carry seven solid subjects plus physical education or their equivalent each year as defined by the curriculum guide. Students must have the teacher recommendation portion of this form signed by their current teacher in each of the core subject areas -- Math, Science, Social Studies, and English. Unless the course is required, the teacher signatures are required before requests will be processed.

Reminder - Students need to accumulate a total of 25.5 credits to be eligible for graduation from Neshannock High School: Math (4 credits), English (4 credits), Social Studies (4 credits), Science (3 credits), Technology (2 credits), Electives (5 credits), Graduation Project (1 credit), and achieve proficiency on the Keystone Exam in the areas of Algebra I, Biology, and Literature.

Failure to return the Preliminary Registration for by the deadline, February 24, 2023, will result in a school counselor selecting a schedule for you. Course request changes will not be accepted after May 19, 2023. Changing a course due to the teacher assigned is not permitted at any time.

Student ID # \_\_\_\_\_ Period 1: \_\_\_\_\_

Category	Course #	Course Name	Teacher Recommendation		Current Percent
			Yes	No	
English	E109	English 9			
Select One	O109	Honors English 9			
Study Hall	0000	Study Hall		Required	
P.E.	P807	Physical Education:		Required	
Social Studies	H209	Civics		Required	
Math		Required Math:			
Lunch	X999	Lunch		Required	
Science	S409	Physical Science/Lab		Required	
Business &	B199	Intro to Video Production		Required	
Information Tech	B610	Personal Finance		Required	
<b>Electives: Select 2 Full Year - OR - 4 Semester (Half Year) - OR - a Combination of Both for a Total of 2 Credits</b>					
Elective		Full Year:			
Elective		Full Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
<b>Alternate Choices:</b> List at least two alternate choices in case a preferred course cannot be scheduled. Failure to mark alternate course choices may result in a counselor selecting a course which may include a full or part-time study hall in the event of a schedule conflict.					
Alternate 1					
Alternate 2					

Student Last Name (print) \_\_\_\_\_

Student First Name (print) \_\_\_\_\_

Student Signature \_\_\_\_\_

Date \_\_\_\_\_

Parent/Guardian Name \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

Date \_\_\_\_\_

Primary Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

By law, each school district must provide student name, address, and telephone number to requesting military recruiters and institutions of higher learning unless parents/guardians indicate that they do not wish to have this information disclosed. Please sign below if you do not wish for this information to be released.

Parent/Guardian Signature \_\_\_\_\_

Date \_\_\_\_\_

# GRADE 10 - PRELIMINARY REGISTRATION FORM

**DUE DATE: FEBRUARY 24, 2023**

Students are required to carry seven solid subjects plus physical education or their equivalent each year as defined by the curriculum guide. Students must have the teacher recommendation portion of this form signed by their current teacher in each of the core subject areas -- Math, Science, Social Studies, and English. Unless the course is required, the teacher signatures are required before requests will be processed.

Reminder - Students need to accumulate a total of 25.5 credits to be eligible for graduation from Neshannock High School: Math (4 credits), English (4 credits), Social Studies (4 credits), Science (3 credits), Technology (2 credits), Electives (5 credits), Graduation Project (1 credit), and achieve proficiency on the Keystone Exam in the areas of Algebra I, Biology, and Literature.

Failure to return the Preliminary Registration for by the deadline, February 24, 2023, will result in a school counselor selecting a schedule for you. Course request changes will not be accepted after May 19, 2023. Changing a course due to the teacher assigned is not permitted at any time.

Student ID #:

Period 1:

**FORM DUE DATE:  
FEBRUARY 24, 2023**

Failure to return the Preliminary Registration for by the deadline, February 24, 2023, will result in a school counselor selecting a schedule for you.

Course request changes will not be accepted after May 19, 2023. Changing a course due to the teacher assigned is not permitted at any time.

Category	Course #	Course Name	Teacher Recommendation		Current Percent
			Yes	No	
English Select One	E210	English 10			
	E110	College Prep English 10			
	O110	Honors English 10			
Elective	X911	Assessment Prep	Required		
Wellness	X902	Wellness	Required		
Social Studies Select One	H210	World Cultures			
	O224	Honors World Cultures			
Driver Ed	X900	Driver Education	Required		
Math		Required Math:			
Lunch	X999	Lunch	Required		
Science	S410	Biology/Lab	Required		
<b>Electives: Select 3 Full Year - OR - 6 Semester (Half Year) - OR - a Combination of Both for a Total of 3 Credits</b>					
Elective		Full Year:			
Elective		Full Year:			
Elective		Full Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
<b>Alternate Choices:</b> List at least two alternate choices in case a preferred course cannot be scheduled. Failure to mark alternate course choices may result in a counselor selecting a course which may include a full or part-time study hall in the event of a schedule conflict.					
Alternate 1					
Alternate 2					

Student Last Name (print)

Student First Name (print)

Student Signature

Date

Parent/Guardian Name

Parent/Guardian Signature

Date

Primary Phone Number

Email Address

By law, each school district must provide student name, address, and telephone number to requesting military recruiters and institutions of higher learning unless parents/guardians indicate that they do not wish to have this information disclosed. Please sign below if you do not wish for this information to be released.

Parent/Guardian Signature

Date

## GRADE 11 - PRELIMINARY REGISTRATION FORM

**DUE DATE: FEBRUARY 24, 2023**

Students are required to carry seven solid subjects plus physical education or their equivalent each year as defined by the curriculum guide. Students must have the teacher recommendation portion of this form signed by their current teacher in each of the core subject areas -- Math, Science, Social Studies, and English. Unless the course is required, the teacher signatures are required before requests will be processed.

Reminder - Students need to accumulate a total of 25.5 credits to be eligible for graduation from Neshannock High School: Math (4 credits), English (4 credits), Social Studies (4 credits), Science (3 credits), Technology (2 credits), Electives (5 credits), Graduation Project (1 credit), and achieve proficiency on the Keystone Exam in the areas of Algebra I, Biology, and Literature.

Failure to return the Preliminary Registration for by the deadline, February 24, 2023, will result in a school counselor selecting a schedule for you. Course request changes will not be accepted after May 19, 2023. Changing a course due to the teacher assigned is not permitted at any time.

Student ID #:

Period 1:

**FORM DUE DATE:  
FEBRUARY 24, 2023**

Failure to return the Preliminary Registration for by the deadline, February 24, 2023, will result in a school counselor selecting a schedule for you.

Course request changes will not be accepted after May 19, 2023. Changing a course due to the teacher assigned is not permitted at any time.

Category	Course #	Course Name	Teacher Recommendation		Current Percent
			Yes	No	
English <i>Select One</i>	E111	English 11			
	E211	College Prep English 11			
	O111	Honors English 11			
Physical Education	P807	Required P.E.:	Required		
Social Studies <i>Select One</i>	H211	U.S. History			
	O225	AP U.S. History			
Math		Required Math:			
Science		Required Science:			
Lunch	X999	Lunch	Required		
<b>Electives: Select 3 Full Year - OR - 6 Semester (Half Year) - OR - a Combination of Both for a Total of 3 Credits</b>					
Elective		Full Year:			
Elective		Full Year:			
Elective		Full Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
<b>Alternate Choices:</b> List at least two alternate choices in case a preferred course cannot be scheduled. Failure to mark alternate course choices may result in a counselor selecting a course which may include a full or part-time study hall in the event of a schedule conflict.					
Alternate 1					
Alternate 2					

Student Last Name (print)

Student First Name (print)

Student Signature

Date

Parent/Guardian Name

Parent/Guardian Signature

Date

Primary Phone Number

Email Address

By law, each school district must provide student name, address, and telephone number to requesting military recruiters and institutions of higher learning unless parents/guardians indicate that they do not wish to have this information disclosed. Please sign below if you do not wish for this information to be released.

Parent/Guardian Signature

Date



# GRADE 12 - PRELIMINARY REGISTRATION FORM

**DUE DATE: FEBRUARY 24, 2023**

Students are required to carry seven solid subjects plus physical education or their equivalent each year as defined by the curriculum guide. Students must have the teacher recommendation portion of this form signed by their current teacher in each of the core subject areas -- Math, Science, Social Studies, and English. Unless the course is required, the teacher signatures are required before requests will be processed.

Reminder - Students need to accumulate a total of 25 credits to be eligible for graduation from Neshannock High School: Math (4 credits), English (4 credits), Social Studies (4 credits), Science (3 credits), Technology (2 credits), Electives (5 credits), Graduation Project (1 credit), and achieve proficiency on the Keystone Exam in the areas of Algebra I, Biology, and Literature.

Failure to return the Preliminary Registration for by the deadline, February 24, 2023, will result in a school counselor selecting a schedule for you. Course request changes will not be accepted after May 19, 2023. Changing a course due to the teacher assigned is not permitted at any time.

Student ID #:

Period 1:

**FORM DUE DATE:  
FEBRUARY 24, 2023**

Failure to return the Preliminary Registration for by the deadline, February 24, 2023, will result in a school counselor selecting a schedule for you.

Course request changes will not be accepted after May 19, 2023. Changing a course due to the teacher assigned is not permitted at any time.

Category	Course #	Course Name	Teacher Recommendation		Current Percent
			Yes	No	
English <i>Select One</i>	E112	English 12			
	E212	College Prep English 12			
	O112	AP English Literature and Composition			
Physical Education	P807	Required P.E.:	Required		
Social Studies		Required S.S.:			
Math		Required Math:			
Elective		Required Elective: <i>Science Recommended</i>			
Lunch	X999	Lunch	Required		
<b>Electives: Select 3 Full Year - OR - 6 Semester (Half Year) - OR - a Combination of Both for a Total of 3 Credits</b>					
Elective		Full Year:			
Elective		Full Year:			
Elective		Full Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
Elective		Half Year:			
<b>Alternate Choices:</b> List at least two alternate choices in case a preferred course cannot be scheduled. Failure to mark alternate course choices may result in a counselor selecting a course which may include a full or part-time study hall in the event of a schedule conflict.					
Alternate 1					
Alternate 2					

☐ Check this box if you are interested in work or early release. Note - You still must provide a full schedule of classes.

Student Last Name (print)

Student First Name (print)

Student Signature

Date

Parent/Guardian Name

Parent/Guardian Signature

Date

Primary Phone Number

Email Address

By law, each school district must provide student name, address, and telephone number to requesting military recruiters and institutions of higher learning unless parents/guardians indicate that they do not wish to have this information disclosed. Please sign below if you do not wish for this information to be released.

Parent/Guardian Signature

Date

NTSD| 2023-2024

COURSE CRITERIA WAIVER POLICY

In the event that a student does not meet the criteria for selection for a course which they have chosen, the following may occur:

- The student’s parent/guardian will be asked to inform the building principal, in writing, of their request and will be required to submit the signed Course Criteria Waiver Consent form.
- The student may be placed in the requested course for the entire school year with the expectation and understanding that the student will complete the course, regardless of the obtained grade.

*Remember no schedule changes after May 19, 2023.*

COURSE CRITERIA CONSENT FORM

I understand that my child, \_\_\_\_\_, has not met the established criteria for placement in \_\_\_\_\_, Course # \_\_\_\_\_ for the 2023-2024 school year. However, I would like my child to be placed in a section of this course for the upcoming school year, regardless of the criteria established and outlined in the 2023-2024 Neshannock Jr./Sr. High School Program of Study. I feel my child should be placed in this requested course for the following reasons:

I understand that this course may involve a hierarchy of skills and/or concepts that are necessary for student success. I understand that if my child is permitted to schedule into the requested course, he/she will be in the course for the entire year and no schedule change will be permitted, regardless of the obtained grade.

<div>Parent/Guardian Signature</div>	<div>Date</div>
<div>Student Signature</div>	<div>Date</div>
<div>Department Signature</div>	<div>Date</div>

# NTSD| 2023-2024

## DEFINITION OF TERMS

### Nondiscrimination Policy

Neshannock Township School District is an equal opportunity education institution and will not discriminate on the basis of race, color, national origin, sex, age, or handicap in its activities, programs, or employment practices as required by Title IV, Title IX, and Section 504.

For information regarding civil rights or grievance procedures, contact Dr. Terence P. Meehan. For Title IX questions or concerns contact Mr. Luca Passarelli; and for Section 504 questions or concerns, contact Mrs. Staci A. Norris, Director of Special Education at 3834 Mitchell Road, New Castle, PA 16105 (724-658-4793).

For information regarding services, activities, and facilities that are accessible to and usable by handicapped persons, please contact the Director of Special Education as well at (724-658-4793, ext. 5106).

### Handicapped Students Policy

A protected handicapped student is a student who is school age with a physical or mental disability, which substantially limits or prohibits participation in or access to any aspect of the school program.

In compliance with State and Federal Law, the School District will provide to each protected handicapped student, without discrimination or cost to the student or family, those related aides, services, or accommodations which are needed to provide equal opportunity to participate in and obtain the benefits of the school program and extracurricular activities to the maximum extent appropriate to the student's abilities. These services and protections for "protected handicapped students" are distinct from those applicable to all eligible or exceptional students enrolled (or seeking enrollment) in special education programs.

For further information on the evaluation procedures and provisions of services to protected handicapped students, contact the Special Education Office, Neshannock Township School District (724-658-4793, ext. 5106).

### Scheduling Elective Courses Policy

Courses that have 10 or more student requests may be scheduled. Courses that have fewer than 10 student requests will be scheduled at the discretion of the High School Principal. Factors that may be considered include: teacher availability, number of student requests, and available resources.

### Schedule Changes

Students will not be permitted to change schedule requests after May 19. Any student who withdraws from a class after the the first full week of school will be issued a withdrawal fail in the class and no credit will be awarded.

### Graduation Requirements

NTSD students will be required to complete 25.5 credits to graduate. These totals include the required physical education credit accumulated by carrying physical education each year and health and driver education in the sophomore year and a credit for the completion of the graduation project senior year.

### Graduation Project

All students must complete a graduation project as required by the State Board of Education Regulations (22 PA Code, Chapter 4, Section 214) and as identified in the District's Strategic Plan. The graduation project will be a cumulative 4-year project as defined in the graduation project handbook. One credit will be awarded at the completion of the project.

### Credit Requirements

**Attendance:** A student who has been absent from school or any class during a school year for a total of 40 days/1 credit class, 20 days/.5 credit class, or 10 days/.25 credit class shall not be eligible for credit. Students on "homebound" instruction or cyber school are not considered absent from school.

**Grade Earned:** A student who earns a percent score of 60% or higher is eligible for credit providing no previous credit has been awarded for that subject and providing the subject is a part of the curriculum for grades 9-12 or is approved by the principal for credit.

### Class Rank and QPA

A student's Quality Point Average (QPA) is computed each semester and final grades earned for all subjects beginning with grade 9. Report cards reflect a student's Quality Point Average during each 9 weeks. If a student repeats a course, the higher percentage is used.

The District does not calculate class rank.

**Weighted Courses – Advanced Placement (AP)** courses are college-level courses taught in high school. Neshannock offers the following AP courses: AP English, AP Calculus, AP Chemistry, AP Biology, AP United States History, and AP Economics. Because these courses are more academically challenging, the grades earned in these courses will be weighted when determining a student's Quality Point Average. The percentage grading system will reflect a 10% additive for AP courses.

Honors courses are offered in grades 9 – 12 in English, math, accounting, music, and social studies. Since Honors courses require additional work and are more academically challenging than a non-honors level course, a 5% additive is given to the percentage score earned.

### Curricula

Neshannock High School offers a variety of courses in the academic, scientific, business, and technical curricula areas. Students and parents should plan course selection carefully. The services of two school counselors are available to assist students and their parents in making choices that will be most beneficial to meet each student's needs.

Vocational or technical curricula are offered at the Lawrence County Career and Technical Center. Neshannock students in grades 9 and 10 may apply for any of the programs offered. This full-time school meets State requirements for the high school diploma and with careful planning can satisfy entrance requirements to a variety of post-secondary schools.



# NTSD| 2023-2024

## DEFINITION OF TERMS

### LCCTC Transfer Policy

Students applying to Lawrence County Career and Technical Center should be aware that once they start at the Career and Technical Center, it is strongly recommended that students remain at the Career and Technical Center for the completion of the year. Since course grades and curriculum cannot be determined on a part-semester basis, students electing the Career and Technical Center will complete the current semester.

### Neshannock Online Campus

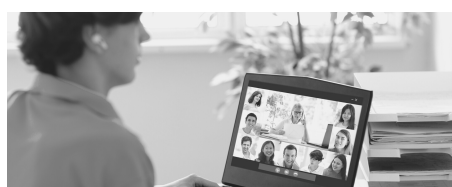
The Neshannock Online Campus serves students in grades 7 through 12 and is powered by Schoology. Our online campus offers Neshannock Township School District students both the academic strengths of the traditional classroom and the flexibility of an online learning platform. The Neshannock Online Campus curriculum offers full access to district resources and facilities, including school counseling, libraries, and athletic facilities at no cost to district families. Your child may join extracurricular music and theater groups, special interest clubs, and sports teams. The online campus offers students something unique to cyber education -- a Neshannock Township School District diploma and the ability to graduate with classmates. All NHS Online Campus courses scheduled will meet graduation or grade level requirements that are in line with the Neshannock Township School District. Due to the nature of an online learning platform, certain courses may have an alternative course description, and, in some cases, may only be available in the brick and mortar/in-person setting. See course descriptions for details.

All students enrolled in the online campus must adhere to the policies and procedures outlined in our student handbook.

Visit [www.NTSD.org/online-learning/neshannockonlinecampus](http://www.NTSD.org/online-learning/neshannockonlinecampus) for more information on Neshannock Online Campus.

### Full-Virtual Day

In the event of a temporary building closure, for any reason, student learning and instruction will remain uninterrupted. Students in Grades 9-12 will remotely report to school through the use of our Schoology online learning platform.



### University of Pittsburgh

College in High School Program: Advanced Placement (AP) Chemistry/Lab

All students in AP Chemistry may elect to enroll in the University of Pittsburgh's College in High School Program. Through this program, students will take Pitt's four-credit course CHEM 0110. There is a fee for the program and it is the responsibility of the student.

### Seton Hill University

College in High School Program

Seton Hill University College in High School Program has partnered with Neshannock High School and is designed to accelerate top junior and senior level students to college-level academic preparation while taking high level high school courses. It is our sincere goal to provide the students of the Neshannock Township School District every opportunity to excel academically and develop the foundation to compete in universities and colleges across the globe. This program is an example of our efforts to help our students get a head start with their higher education.

The program leads to actual credits earned for many freshmen level courses which are required by most universities. Students may be able transfer the credits to the college or university of their choice. **Not all colleges accept transfer credits so it is parent/student responsibility to weigh the options of this program.** Neshannock currently is approved for Seton Hill University credits for **juniors, and seniors** enrolled in these Neshannock High School courses AP US History, Honors Band, Honors Pre-Calculus, AP Calculus, Honors Statistics, AP English, Honors Accounting II, AP Economics, and AP Biology. Given approval from Seton Hill and NTSD Administration, sophomores may also be eligible to participate.

### Duquesne University

College in High School Program

Duquesne University College in High School Program has partnered with Neshannock High School and is designed to accelerate top senior high school students to college-level academic preparation while taking high level high school courses. It is our sincere goal to provide the students of the Neshannock Township School District every opportunity to excel academically and develop the foundation to compete in universities and colleges across the globe.

This program is an example of our efforts to help our students get a head start with their higher education. The program leads to actual credits earned for many freshmen level courses which are required by most universities. Students may be able to transfer the credits to the college or university of their choice. **Not all colleges accept transfer credits so it is parent/student responsibility to weigh the options of this program.** Neshannock currently is approved for Duquesne University credits for students grades 9-12 enrolled in these Neshannock High School courses: Honors Statistics and Honors Advanced Accounting.

### Work Release Program

Students who have a minimum of 18 credits as a senior are eligible to apply for the work release program. Juniors or sophomores who have accumulated sufficient credits and are on track to earn enough credits to graduate MAY be eligible. Junior and sophomore applications are evaluated individually.

Seniors must be passing all classes with a 70% or better during the first grading period, have no more than 4 absences, no more than 3 tardies to school, and no serious discipline reports. After work release is granted, students must maintain a similar absence, attendance, academic, and discipline record. Continuation of the work release program throughout the year is at the discretion of the administration and the school department.

### Dual Enrollment

Dual enrollment involves participation in a plan that facilitates the student meeting high school graduation requirements at Neshannock while also completing college classes at a local institution. Participation in a dual enrollment plan requires thorough planning with the student's counselor, principal, and parent/guardian. Students must meet eligibility criteria to participate and must have all courses pre-approved by administration. Neshannock High School currently has Dual Enrollment agreements with the following local institutions: Penn State Shenango, Butler County Community College, Slippery Rock University, Clarion University, Grove City College, Youngstown State University, and Westminster College. Application and more information can be found in the school office and on the District's website.

## NCAA Course of Study for Athletes Neshannock School Code is 392-902

As of January 2023, standardized test scores are not required for all student-athletes who initially enroll full time on or after August 1, 2023. Among other requirements, college-bound student-athletes planning to compete at an NCAA Division I or II school are still required to have a 2.3 (DI)/2.2 (DII) grade point average in 16 NCAA-approved core-course units and provide proof of high school graduation. Division-specific information on initial-eligibility requirements is available on [NTSD.org/guidance](https://NTSD.org/guidance).

Students should also check with the NCAA school they plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements. Please contact NCAA Customer Service at 877-262-1492 with questions.

## College Testing Terms Neshannock School Code: 392-902

### Advanced Placement Exams

There are twenty-four examinations offered by The College Board in the Advanced Placement (AP) Program.

All AP Exams (except Studio Art) contain both multiple-choice questions and free-response questions that require essay-writing, problem-solving, and other skills. AP exams are given every year at the Senior High School during two weeks in May.

Every examination receives an overall grade on a five-point scale: 5 (extremely well-qualified), 4 (well-qualified), 3 (qualified), 2 (possibly qualified), and 1 (no recommendation). Upon student request, Grade Reports are sent in early July to each student's home address, school, and to his/her college. Many colleges grant credit and/or advanced placement to students whose AP examination grades are considered acceptable. Students who choose to take an AP examination must register to do so and assume the related costs.

**Fee reductions are available to students whose family meets eligibility guidelines.** Please see the senior high school counselor for details.



### ACT

The ACT measures a student's ability in the subject areas of English, Mathematics, Reading, Writing, and Science Reasoning.

ACT scores are reported on a standard scale that ranges from 1 to 36. The arithmetic average of the scores on the four tests is the ACT composite score, which is often used as a measure of overall academic ability. Scores are organized into Individual Student Profile Reports, which are sent to the students and to colleges.

- The English Test measures students' understanding and use of the basic elements of correct and effective writing in usage/mechanics and rhetorical skills.
- The Mathematics Test measures students' mathematical reasoning and problem-solving abilities.
- The Reading Test measures reading comprehension abilities in the following areas: Social Studies/Science, Arts/Literature.
- The Science Reasoning Test measures students' critical reasoning and problem-solving skills required in the natural sciences.

The ACT is typically given to high school juniors and seniors. It is given in Neshannock School District in October, April, and June.

Students who choose to take this exam must register to do so and assume the related costs. Registration materials are available in the school office or on the website [www.act.org](https://www.act.org).

**Fee waivers are available to students whose family meets eligibility guidelines.** Please see the senior high school counselor for details.

## PSAT and National Merit Scholarship Qualifying Test (NMSQT)

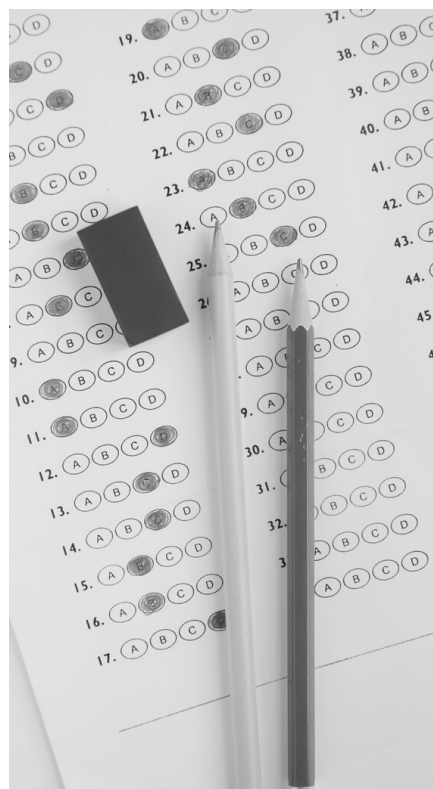
The PSAT is a multiple-choice examination. It measures verbal, writing, and mathematical abilities important for academic performance in college. The questions test ability to reason with facts and concepts rather than recall them. The test is given annually in October, and may be useful as a practice test for the SAT.

The PSAT also serves as the National Merit Scholarship Qualifying Test for juniors in a nationwide competition for recognition, awards, and scholarships.

High school juniors take the PSAT/NMSQT in October. Ninth and tenth graders may elect to take the test as practice; however, their scores are not applicable to the NMSQT.

Students who choose to take the PSAT/NMSQT must register to do so with the school department and assume the related costs.

**Fee waivers are available to junior students whose family meets eligibility guidelines.** Please see the senior high school counselor for details.



## DEFINITION OF TERMS

### SAT

The SAT is an entrance examination used by many colleges and universities. There are two scored sections on the new SAT: Evidence Based Reading/Writing and Math plus an optional Essay. Each section is scored 200 to 800 with a perfect score being 1600.

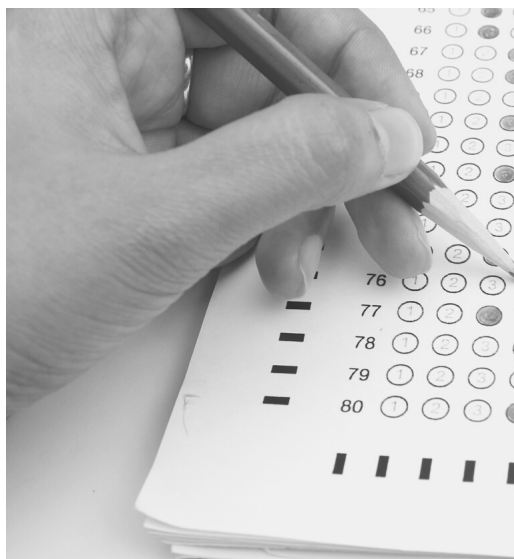
The Evidence Based Reading and Writing sections are broken down into two testing portions: Reading and then Writing and Language Test which focuses on reading comprehension and vocabulary. It includes 4 single passages and 1 paired passage in areas of Literature, History & Social Studies, a Founding Document /Great Global Conversation and/or Science. In addition, there are 52 multiple choice questions and 1-2 graphics per test to analyze or interpret.

The Writing Section will test students' knowledge of grammar rules and of the elements of effective writing. Students will be asked to correct errors in sentence structure, usage, and punctuation or to improve development and organization of a passage. The Writing portion is made up of 4 passages and 44 multiple choice questions.

The SAT Math Test tests upper level math rather than have students recall basic math. It includes concepts from Algebra, Problem Solving and Data Analysis, Passport to Advanced Math, and additional Topics in Math. There is a Calculator section and a No Calculator Permitted Math section. There are a total of 45 multiple choice questions and 13 student-produced response questions.

The SAT Reasoning Test is typically given to high school juniors and seniors. It is given at Neshannock School District in August, November, December, March, May, and June. Students who choose to take this exam must register to do so and assume the related costs. Registration materials are available in the school office or [www.collegeboard.org](http://www.collegeboard.org)

**Fee waivers are available to students whose family meets eligibility guidelines.** Please see the senior high school counselor for details.



### Assessment Prep

Assessment Prep will be scheduled opposite Driver's Education and Health for all grade 10 students or every other day during instead of full time study hall or opposite a part time class. Assessment Prep will focus on a combination of SAT/ACT prep and/or Keystone remediation. The course will be counted as an elective credit and is also included in overall GPA.

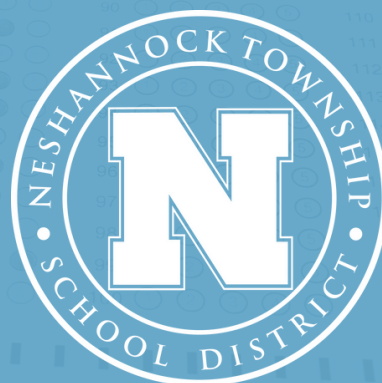
For more information, call Mrs. DeVincentis at 724-658-5513 ext. 5115

### Keystone Exams

The Keystone Exams are end-of-course assessments designed to assess proficiency in various subjects. During the 2023-2024 school year the following Keystone Exams will be available: Algebra I, Literature and Biology. In future years additional Keystone Exams will be administered. The Keystone Exams are one component of Pennsylvania's system of high school graduation requirements. Keystone Exams will help school districts guide students toward meeting state standards. Students are eligible to attempt to pass the Keystone Exams three (3) times.

Student scores and performance levels will be recorded on student transcripts.

The Keystone Exam is administered three times throughout the year (winter, spring and summer).



## NESHANNOCK SCHOOL COUNSELORS

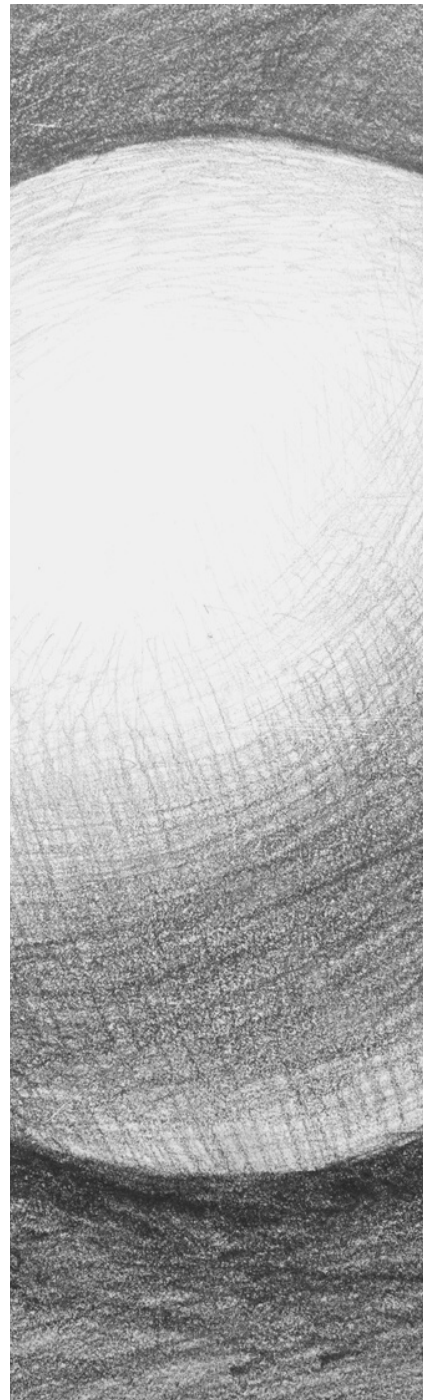
**Mrs. Brenda DeVincentis**  
Senior High School Counselor  
Grades 10 - 12  
(724) 658-5513 ext. 5115

**Mr. Adam Held**  
Junior High School Counselor  
Grades 7 - 9  
(724) 658-5513 ext. 5122

Visit Our Website for More  
Information and Helpful Links:

**NTSD.ORG/school**







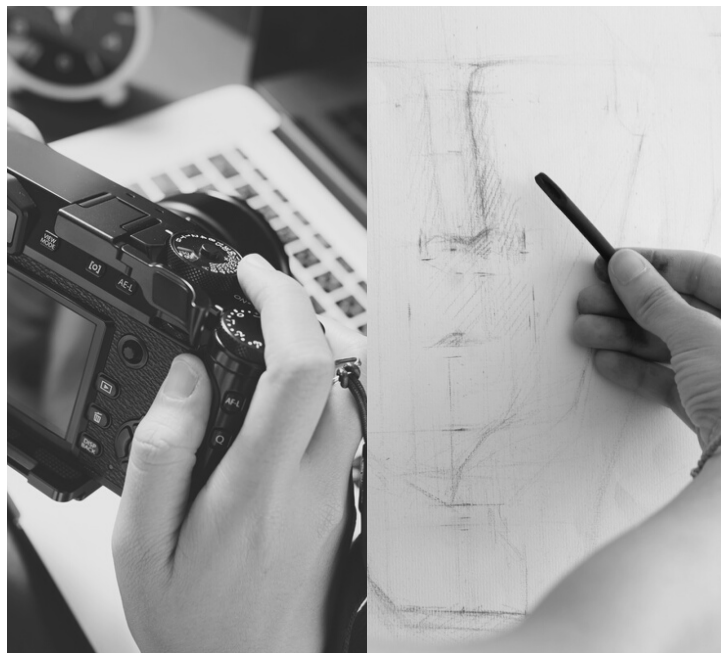
NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## ART



### COURSES OFFERED

Introduction to Art  
No. A709

Functional Design in Art  
No. A710

Ceramics  
No. A711

Computer Graphics  
No. A714

Drawing and Painting I  
No. A715

Drawing and Painting II  
No. A716

Digital Photography  
No. A718

# NTSD| 2023-2024

## ART - COURSES OFFERED

### Introduction to Art No. A709

Elective: 9, 10, 11, 12  
This is a full year, full time, one credit course.

This well-rounded course examines the elements of art (line, shape, color, value, texture, and form) to give you the necessary skills to produce two-dimensional artwork. Learn to create both realistic and abstract pieces of art. The projects are designed to develop student's confidence while allowing for imagination and creativity. Sketchbooks will be heavily utilized. A sketchbook and supply list will be provided to Neshannock Online Campus students.

Criteria for Selection: None

### Functional Design in Art No. A710

Elective: 9, 10, 11, 12  
This is a single semester, full time, ½ credit course.

In this course, you will learn how to create 3D items through a variety of art-making techniques. This course may include but is not limited to sculpting, weaving, knitting, painting, found-object repurposing, jewelry, functional clay pieces, and much, much more!

Criteria for Selection: None

### Functional Design in Art Neshannock Online Campus No. A710

Elective: 9, 10, 11, 12  
This is a single semester, ½ credit course.

Explore career paths related to art and design! Have you ever wondered what it is like to be an interior designer? How about a landscape architect? Or even a stage and set designer! This course will help you learn about many career paths related to art and design as well as try each one out through an art project. At the end of the course you will have an entire portfolio of career exploration and maybe even a new plan for your future!

Criteria for Selection: None

### Ceramics No. A711

Elective: 9, 10, 11, 12  
This is a single semester, full time, ½ credit course.

Learn the art of hand-built ceramics within the first 9 weeks. Coil pots, slab rolling, and sgraffito techniques will be covered along with basic sketching to promote proper planning. In the 2nd 9 weeks, we will be learning how to throw on the pottery wheel! Expect to take home 5-10 pieces of beautiful pottery! Neshannock Online Campus students will not work with clay. Instead, they will learn about ceramics history and decoration styles while applying designs to a series of plates at home.

Criteria for Selection: None, Senior Preference\*

There is a limit of 20 students for this class; however, additional students may be added to the roster as needed with administrative approval.

### Drawing and Painting I No. A715

Elective: 9, 10, 11, 12  
This is a single semester, full time, ½ credit course.

Drawing and Painting I is designed to boost your confidence as a 2D artist and enhance your drawing and painting skills through the art of design, composition, and various techniques and materials. Acrylics, watercolor, charcoal, gouache, drawing pencils, pastels, and more will all be explored. A sketchbook and supply list will be provided to Neshannock Online Campus students.

Criteria for Selection: None

### Drawing and Painting II No. A716

Elective: 9, 10, 11, 12  
This is a single semester, full time, ½ credit course.

Drawing and Painting II is where your personal style as an artist will start to develop and transform as you fulfill independent projects in relation to what you have learned in Drawing and Painting I. This course will be for our students who are interested in taking their creative talents to a higher level. A sketchbook and supply list will be provided to Neshannock Online Campus students.

Criteria for Selection: Drawing and Painting I

### Computer Graphic I No. A714

Elective: 9, 10, 11, 12  
This is a single semester, full-time, ½ credit course.

Are you fascinated by signs, posters, CD artwork and creative text? Then this is the course for you! In Computer Graphics you will learn how to manipulate, edit, and adjust images using Photoshop. You will use layers and learn how to apply effects and filters to create creative works of art. There is a limit of 15 students in this course. Assessment is based on the Pennsylvania Core Standards.

Criteria for Selection: None

### Digital Photography No. A718

Elective 10, 11, 12  
This is a full year, part-time, ½ credit course.

If you love to take photographs, edit images, and would love to improve your skills, this is the class for you. In this class, we will learn the basic compositional elements to get the most from your digital pictures. Learn how to use various digital cameras, online photo editors, and Adobe Photoshop and/or Lightroom to manipulate images, edit out unwanted backgrounds and collage photos together. Assignments will be designed by the instructor, as well as the student to personalize their photography journey.

There is a limit of 15 students for this class; however, additional students may be added to the roster as needed with administrative approval.

Criteria for Selection: None



NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## BUSINESS AND INFORMATION TECHNOLOGY



### COURSES OFFERED

Personal Finance  
No. B610

Intro to Video Production 9  
No. B199

Computer Accounting I  
No. B611

Entrepreneurship  
No. B614

Sports & Entertainment  
Management  
No. B615

Multimedia Webpage Design  
No. B616

Honors Advanced Accounting  
No. B617

Business Law  
No. B618

Computer Apps for College and Business  
No. B109



## BUSINESS & INFORMATION TECHNOLOGY - COURSES OFFERED



### **Personal Finance No. B610**

Required for Grade 9 and for graduation.  
This is a one-semester, ½ credit course.

The purpose of this course is to enable students to develop the skills necessary to manage their own finances. Students will investigate ways to make their money work for them. Topics include career decisions, money management, investments, credit management, stock market investing, identity theft, and consumer rights/responsibilities. Students will use a variety of computer applications including web-based financial literacy software in their learning activities and projects.

Criteria for Selection: None

### **Intro to Video Production 9 No. B199**

Required for Grade 9 and for graduation.  
This is a single semester, ½ credit course.

This digital video production course provides skill sets enabling students to make short videos, create news reports, and build engaging YouTube videos from scratch. The course emphasizes experimentation in the use of the video medium. The primary goal of the course is to serve as a foundation for further exploration in digital video artwork and storytelling. The course covers the fundamentals of shooting, sound, lighting, and editing, among other communication concepts. Students will write, direct, shoot, and edit short videos while harnessing the latest technology including web-based programs for video editing. Students will be assessed based on the demonstration of core concepts including video editing, audio recording and delivery, story-boarding and script writing, as well as basic camera operation.

Criteria for Selection: None

### **Computer Accounting I No. B611**

Elective: 10, 11, 12  
This is a full-time, full year, 1 credit course.

Computer Accounting I is designed to provide students a strong foundation in accounting principles. The fundamentals are presented using the accounting cycle approach. Students will learn the use of transactions and how accountants use a double-entry system (debits and credits) to keep track of these transactions. Students apply accounting concepts to various types of business from sole proprietorships to corporations. The handling of cash, the use of special journals, payroll and taxes, and checking accounts will be covered. Also, students will learn how to prepare financial statements and close out a fiscal period. Many accounting problems and projects are handled on the computer as the topics are presented. This course prepares students for post-secondary accounting courses and is strongly recommended for any student who plans to major in a business related field.

Criteria for Selection: Recommended as an elective for students interested in majoring in accounting or any business related field.

### **Entrepreneurship No. B614**

Elective: 9, 10, 11, 12  
This is a one-semester, ½ credit course.

Have you ever thought about starting your own business? In this course, students will gain an understanding of the business/marketing principles necessary to start and operate a business. They will develop an awareness of the opportunities for small business ownership and develop the planning skills needed to operate a small business. Exploration of traits and characteristics of successful entrepreneurs, as well as strategies of business management and marketing along with the economic role of the entrepreneur in the market system will be covered. This course is intended for anyone interested in owning or operating their own business or a career in a business related field.

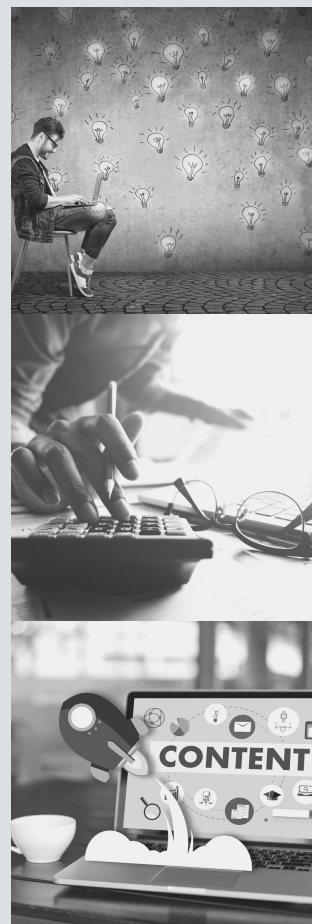
Criteria for Selection: None

### **Sports & Entertainment Management No. B615**

Elective: 9, 10, 11, 12  
This is a one-semester, ½ credit course.

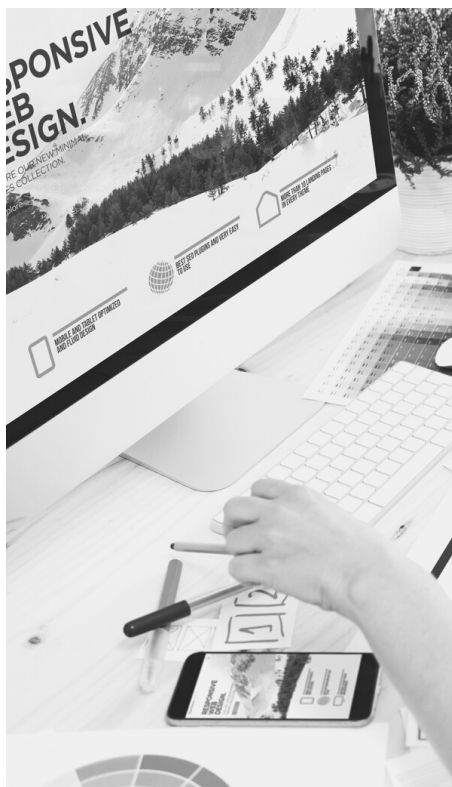
This course will help students develop a thorough understanding of the marketing and management concepts and theories that apply to the exciting world of sports and entertainment. Complete coverage of marketing functions and techniques as applied specifically to the areas of sports and entertainment will be covered in this class to provide the skills and insight needed for these rapidly growing industries. Students will be offered a wide range of experience in such diverse areas as project management, sales, promotion, advertising and marketing. Any student interested in preparing for a business or sports related career would benefit from this elective.

Criteria for Selection: None





## BUSINESS & INFORMATION TECHNOLOGY - COURSES OFFERED



### Multimedia Web Page Design No. B616

Elective: 9, 10, 11, 12

This is a one-semester, ½ credit course.

Have you ever wanted to create your own web page? Are you interested in learning a programming language? This class introduces students to basic web page design utilizing Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Students will learn how to plan and design from scratch web pages along with multi-page websites by writing HTML and CSS code. During the design process, they will learn the use of page layout techniques, text formatting, graphics and images. In today's technological world, the skills of acquiring, processing, and communicating information to others is extremely important. Prior knowledge of HTML or web design is not required.

Criteria for Selection: None

### Honors Advanced Accounting No. B617

Elective: 11, 12

This is a full-year, full time, 1 credit course.

This course is offered for Seton Hill or Duquesne University college credit for in-person students. This course is not available for College Within the High School credit through either Seton Hill University or Duquesne University for Neshannock Online Campus students.

Honors Advanced Accounting is an elective course intended for students with determined career objectives in the field of business or in the accounting profession. At this level, the complete accounting cycle is mastered, and students learn more advanced and complex accounting principles. Using manual and computer skills, students perform accounting tasks which cover the areas of departmental and payroll accounting, accounting for adjustments, accounting on the accrual basis, as well as partnership and corporate accounting methods. Using accounting software, students will complete one automated simulation.

Criteria for Selection: Computer Accounting I with a grade of 80% or better.

Seton Hill University: Juniors and Seniors in Honors Advanced Accounting may elect to enroll in the Seton Hill University College within the High School Program.

Students/parents (or guardians) are responsible for any applicable costs.

Through this program students may earn 3 credits for SHU course SBU 100 – Honors Accounting or 3 credits for Duquesne University course 24487-Financial Accounting. Grades posted to SHU or Duquesne University are without the 5% additive for NHS honors courses.

Students must obtain a final grade average of 70% or higher (without the 5% additive) to be awarded SHU credit.

### Business Law No. B618

Elective: 11, 12

This is a full-time, full year, 1 credit course or could be a one semester, ½ credit course.

Business Law is a full year or semester course designed to provide students the opportunity to know their legal, personal, and business rights. This course will focus on understanding legal procedures, recognizing situations that call for legal advice, understanding precise legal language, analyzing and summarizing complete legal situations and learning the court system. Possible topics may include but are not limited to: making and terminating contracts, responsibilities of minors, being a consumer, employer-employee relationships, personal and real property rights, and legal responsibilities associated with ownership of a business. Required participation in the PA Bar Association Young Lawyers Division Mock Trial Competition will be an instrumental part of the course. This course is strongly recommended for any student who plans to major in a business related field.

The Mock Trial component of Business Law is not available to Neshannock Online Campus students.

Criteria for Selection: None

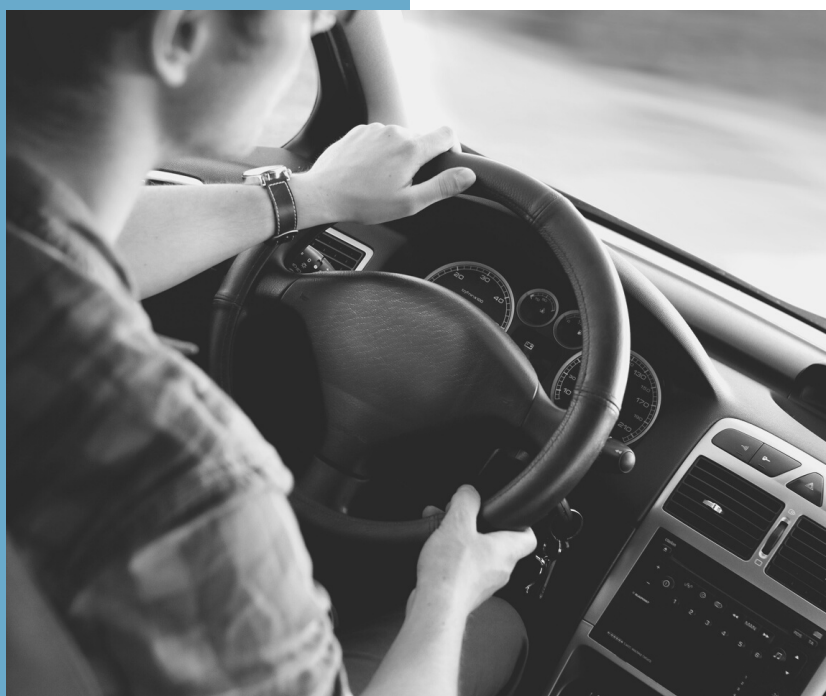
### Computer Apps for College and Business No. B109

Elective: 10, 11, 12

This is a one semester, ½ credit course.

This course is designed to present intermediate computer applications and concepts for students preparing for college and/or business. Students learn to create and manipulate a variety of spreadsheet applications (including formulas, functions, and formatting), word processing documents (business letters, memos, reports, and citations) and various graphic designs using Word, Excel, or Google Apps software.

Criteria for Selection: None



# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12

## DRIVER EDUCATION



### COURSE OFFERED

#### Classroom Driver Education No. X900

*Required: Grade 10*

*This is a one semester, part-time .25 credit course.*

*The Neshannock Township School District understands the importance of the automobile in today's society. With this in mind the driver training program is offered to inform and develop knowledge and attitude as it pertains to our country's Highway Transportation System.*

*The safe operation of a motor vehicle; Pennsylvania driving laws; defensive driving procedures; legalities and responsibilities associated with the safe operation and ownership of a motor vehicle will be omnipotent. The use of alcohol, drugs, cell phones and texting as they relate to driving, monitoring of the gauges on the instrument panel, and the upkeep of the motor vehicle are valuable units.*

*The legal, ethical, and financial responsibilities of a driver are covered in detail. Defensive driving philosophy and tactics; ownership and maintenance of a vehicle; fundamentals of various driving maneuvers; specific Pennsylvania laws, fees, deadlines, and procedures; differences and adjustments for the various kinds of driving areas and conditions; economy tips and practices will receive extensive scrutiny by the prospective drivers.*

*This class is required for all Neshannock graduates. School attendance policies will be enforced to maintain state program requirements. Students enrolled in Neshannock Online Campus are required to complete 30 clock hours of a state approved online program.*

*Criteria for Selection: None*

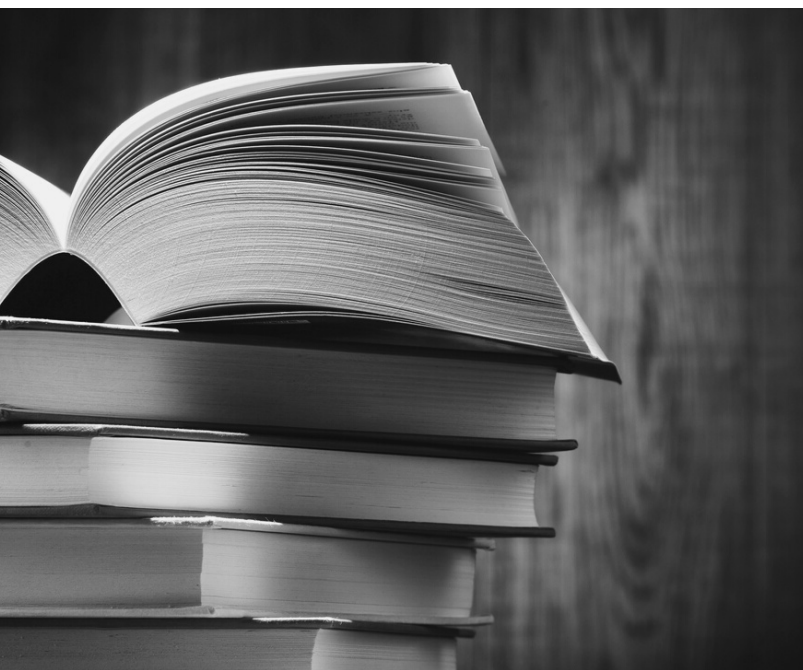






# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## ENGLISH

The study of English at Neshannock is of a sequential nature; therefore, students who earn a passing grade (60% or equivalent of a D or higher) may continue to the next level. Students who do not earn a passing grade may repeat the level failed by summer school work. Students are not permitted to schedule two levels of English during the same academic year.



### COURSES OFFERED

English 9  
No. E109

Honors English 9  
No. O109

English 10  
No. E210

College Prep English 10  
No. 110

Honors English 10  
No. O110

English 11  
No. E111

College Prep English 11  
No. E211

Honors English 11  
No. O111

English 12  
No. E112

College Prep English 12  
No. E212

AP English 12  
No. O112

Advanced Digital Media Production  
No. E200

Journalism and Communication  
No. X909

## ENGLISH - COURSES OFFERED



### English 9 No. E109

#### Required

This is a full year, full time, one credit course.

In ninth grade, students study literature units which include short stories, non-fiction, poetry, and plays. Major works include *Romeo and Juliet*, *To Kill a Mockingbird*, *Of Mice and Men*, *Great Expectations*, and *A Raisin in the Sun*. In preparation for college and non-fiction works, students will expand their vocabularies through regular study of Common Core words and review of grammatical conventions. Students will also continue to practice organizing their thoughts into cohesive unified essays and will write their first MLA style research paper utilizing non-fiction essays.

Criteria for Selection: None

### Honors English 9 No. O109

This is a full year, full time, one credit course.

Honors ninth grade English is for students who have demonstrated outstanding ability in English skills as 8th graders. In addition to the regular curriculum, they will read supplementary works which may include *Far From the Madding Crowd* and *Much Ado About Nothing*. Emphasis will be on analysis and exposition necessary for success writing at the college level, which vocabulary instruction will enhance. The students' research paper will be in response to new information they must research and analyze. They will also engage in a research-based speaking project.

Criteria for Selection: Students must have earned 85% or higher in 8th grade, earn an above average score on a placement exam, and respond to a writing prompt by producing an above average narrative.

Parents/guardians of students who fail to meet these standards may request admission for their child.

### English 10 No. E210

This is a full year, full-time, one credit course.

Students study selected works of World literature, including drama, short stories, non-fiction, and poetry. The class reviews fine points of grammar and punctuation and emphasizes significant vocabulary development. Along with a review of grammar and selected literary readings, students will complete a four-week speech unit and a research project. This course provides focused practice on the Keystone exam in literature and the PSAT, which are both administered to all sophomores during the second semester.

Criteria for Selection: The student intends to seek employment or to attend a two-year school after high school graduation.

### College Prep English 10 No. E110

This is a full year, full time, one credit course.

From the earliest writings to contemporary literature, students will read a survey of world literature influenced by global events, geographical locale, and/or philosophy. In addition, students will practice different modes and styles of writing, incorporating literary techniques and devices with the literary selections as guides and examples. The survey of literature includes a study of various literary types and forms, including the novel, poetry, drama, short story, and non-fiction. Students will study and incorporate new vocabulary in their speaking and writing, write a research paper, and review standardized testing strategies.

Criteria for Selection: None



### Honors English 10 No. O110

This is a full year, full time, one credit course.

Honors English 10 is specifically for students who have demonstrated outstanding ability. This course emphasizes literary analysis and expository writing. In addition, each student must write a literature-based research paper. Consequently, key components of this course are challenging reading and writing assignments and an emphasis on vocabulary development. For improved communication, students review usage, grammar, mechanics, and sentence structure as needed. For continued improvement of verbal communication, students complete a unit on speech.

An Honors English 10 candidate may register for this course after successful completion of Honors English 9 or after a parent-counselor conference and upon receipt of a permission slip signed by the student's parent.

Criteria for Selection: Students must have an 85% in their previous class and teacher recommendation.

### English 11 No. E111

This is a full year, full time, one credit course.

Students study American literature from the settlement period to the present. The course includes the study of short stories, poetry, essays, drama, and novels. The students will improve their fluency and understanding in reading and will refine their mechanics, grammar, and usage through informational and argumentative writing and oral expression. Vocabulary development is a significant area of concentration. All students will complete a research project. This course provides focused practice on Common Core eligible content.

Criteria for Selection: The student intends to seek employment or to attend a two-year school after high school graduation.

## ENGLISH - COURSES OFFERED

### College Prep English 11 No. E211

This is a full year, full time, one credit course.

Students will study American literature from the settlement period to the present. The course includes essays and narratives, short stories and poetry, novels and drama. The focus will be on reading for multiple levels of meaning, generating complex ideas for writing, and speaking with fluency and confidence. All students will complete a research project, a series of book reports, and public speaking exercises. In addition, students will have impromptu opportunities for speech, exercises in collaborative writing, and time for literary circles (group work on specific questions about the text for the day). Students will refine their mechanics, grammar, and usage through expository writing, oral expression, and vocabulary development.

Criteria for Selection: The student intends to attend a 4-year college after high school graduation.

**Note for Juniors**  
You **must** schedule one of these junior English courses (E111, E211, O111)



### Honors English 11 No. O111

This is a full year, full time, one credit course.

Honors English 11 is designed for those advanced students who have demonstrated outstanding ability in Honors English 10 and who wish to challenge themselves with university-level work. Both reading and writing assignments are appropriate to university study, and these assignments represent a significant time commitment outside of class. Additionally, this course is preparatory for the AP English Literature and Composition Exam, which students may take in their senior year. This course will employ a chronological study of literature with emphasis on historical events as they relate to American literature.

Assignments in this course will include numerous compositions, including research papers, timed essay exams, and in-class written responses supported by textual proof. Papers will be evaluated based on organization, logic, diction, substantiation, and standard English usage and conventions. Both class activities and critical essays will include textual analysis of structure and style, emphasizing figurative language, imagery, symbolism, tone, theme, and other literary elements.

Vocabulary, grammar, and public speaking comprise secondary areas of study in this course. Vocabulary lessons focus on grade-appropriate vocabulary acquisition. Students will also examine vocabulary in context through the study of literature. Grammar and conventions, which are crucial to effective self-expression, will be studied at an advanced level and evaluated through written assignments. Students will refine their presentation skills through numerous informal and formal presentations to include documented and text-based speeches.

Criteria for Selection: Students must have earned a final grade of 90% or higher in Honors English 10 and have teacher recommendation.

Seton Hill University: Juniors in Honors English 11 may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs. Through this program students may earn 3 credits for SHU course SEL105-61 Composition and Culture Part A. Grades posted to SHU are without the 5% additive for Neshannock High School Honors courses. Students must obtain a final grade average of 70% or higher (without the 5% additive) to be awarded SHU credit.

### English 12 No. E112

This is a full year, full time, one credit course.

Students study selected works of British literature, including drama, short stories, non-fiction, and poetry. The class reviews fine points of grammar and punctuation and emphasizes significant vocabulary development. Along with a review of grammar and selected literacy readings, students will be taught resume and job application skills. Additionally, students will complete a research project. This English course is designed to meet the needs of students who may or may not plan to enter a four-year college or university.

Criteria for Selection: The student intends to seek employment or to attend a two-year school after high school graduation.

### College Prep English No. E212

This is a full year, full time, one credit course.

Students study British literature from Beowulf to the present through a chronological approach. Students write various in-class and out-of-class compositions and a research paper after reviewing research techniques. Students continue to develop college level vocabulary and engage in several speaking and reading opportunities. They also complete a resume and practice for interviews. This course is for college-bound seniors.

Criteria for Selection: Successful completion of College Prep English 11 (E211).



## ENGLISH - COURSES OFFERED

### AP English Literature & Composition No. O112

*This is a full year, full time, one and one-half credit course.*

*This is a college-level course. Students employ an analytical approach to a chronological study of British literature. This study includes frequent test items from previous AP exams, as all students take the AP Literature and Composition test. Also, students write numerous in-class and out-of-class compositions and a research paper after reviewing research techniques. Students also learn selected vocabulary from their reading and participate in a speech unit.*

*Criteria for Selection: Students must have an 85% in their previous class, and teacher recommendation.*

*Seton Hill University: Juniors and Seniors in AP English Literature and Composition 12 may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs.*

*Through this program students may earn 3 credits for SHU course SE 103 – AP English Literature and Composition 12. Grades posted to SHU are without the 10% additive for Neshannock High School Advanced Placement courses. Students must obtain a final grade average of 70% or higher (without the 10% additive) to be awarded SHU credit.*

#### **Note for Seniors**

**You must schedule one of these senior English courses (E112, E212, O112)**

### Advanced Digital Media Production No. E200

*Elective: 10, 11, 12*

*This course may be offered as a single semester, one-half credit course; or can be taken as a full year one credit course.*

*This course is designed to utilize the knowledge and skills learned in Intro to Video Production to enable students to create their own videos and various forms of digital communication at a more advanced level. Students will be responsible for all levels of production and communication (including but not limited to writing, directing, shooting, and editing) and will focus on creating digital videos and/or other media that closely address purpose, task, and audience. This course is project-based, and students will be expected to develop innovative and creative content that is both engaging and high quality. Students may have the opportunity to become a part of the Neshannock Announcements team, and may be asked to create media pieces for various community or School District projects.*

*Criteria for Selection: An 85% or higher in Intro to Video Productions or recommendation from the teacher of record.*



### Journalism and Communication No. X909

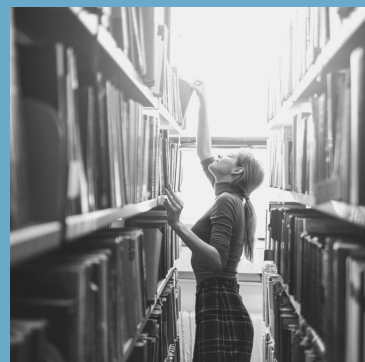
*Elective: 9, 10, 11, 12*

*School Newspaper*

*This is a full year, one credit course, or a single semester one-half credit course.*

*This year-long course is intended for high school students (grades 9-12) interested in professional writing and communication of all types—written, spoken, formal, and informal. The class will produce The Free Lancer, the student newspaper of Neshannock Junior/Senior High School, utilizing the ethical framework maintained by the Society of Professional Journalists, and organizing their writing by employing traditional “for print” methods (“inverted pyramid,” “martini glass,” etc.) Students will create oral presentations using the traditional logos-pathos-ethos framework, draft press releases for use within the wider community, and learn written communications skills applicable to any career path, beyond the borders of our high school.*

*Criteria for Selection: Students in grades 10-12 must have an 85% or higher in their previous year’s English class. Students entering 9th grade must have an 85% in 8th grade English plus recommendation from the 8th grade English and history teachers.*





NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## FAMILY AND CONSUMER SCIENCE



### COURSES OFFERED

Food and Nutrition  
No. A760

Creative Cooking & Design  
No. A761

Introduction to Foods  
No. A762

Transitional Living  
Consumer Science  
No. R030

Child Development I  
No. A764

Child Development II  
No. A765

Beyond High School  
No. A766

## FAMILY AND CONSUMER SCIENCE - COURSES OFFERED

### Food and Nutrition No. A760

Elective: 9, 10, 11, 12

This is a one-semester, ½ credit course.

Throughout the year the students will be introduced to food, science, and nutrition. Students will be introduced to the essential nutrients, food safety, and sanitation. They will be able to demonstrate their skills by planning, preparing, serving, and cleaning up in food labs. Students will complete the ServSafe Food Handler course and certification test.

Criteria for Selection: None

### Creative Cooking and Design No. A761

Elective: 10, 11, 12

This is a one semester, ½ credit course.

This course is designed to allow the students' creative talents to be exercised. During the first nine-weeks the students will get the chance to travel the world of food. They will learn about the foods from other countries and how to prepare them. Some of the other ways the students can showcase their talents are by learning how to decorate a cake, present a food demonstration of a favorite recipe, and by preparing food using current trends in food preparation. Housing and home furnishing are the focus of the second nine-weeks. Information pertinent to the design, selection of furnishings, color, and room planning for the home are provided.

Criteria for Selection: It is recommended that students take Introduction to Foods first.

### Introduction to Foods No. A762

Elective: 9, 10, 11, 12

This is a one-semester, ½ credit course.

The focus of this course is an introduction to food preparation, measuring, reading recipes, recipe terminology, and recipe conversions. Students will be introduced to food safety, sanitation, and food borne illnesses. Students will develop team building skills as well as learning to work independently. Students will apply skills acquired into many fun and exciting food labs.

Criteria for Selection: None

### Transitional Living Consumer Science No. R030

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

The co-taught transitional living and consumer science class is to promote lifelong independent living skills for students with disabilities. Improving students' abilities to interact with peers and adults, while learning home living skills such as dining habits and eating and dressing skills, are the key components of the course. Students will learn housekeeping skills, meal planning, buying and preparing food, essential kitchen skills, and laundry skills. The class is a hands-on model to help students successfully transition into the community.

Criteria for Selection: This class is available for students with an existing IEP and teacher recommendation.

### Child Development I No. A764

Elective: 9, 10, 11, 12

This is a one-semester, ½ credit course.

Are you curious about children and how they become such unique individuals? Learn how to become a more confident and attentive caregiver who encourages healthy, happy babies and healthy, loving families that contribute to productive communities. This course offers insight into infant and childcare topics where concepts and theories of child development are explored. Factors that influence the physical, social, emotional, moral, and intellectual development are studied. Career opportunities will be presented.

Criteria for Selection: None



### Child Development II No. A765

Elective: 9, 10, 11, 12

This is a one-semester, ½ credit course.

This course offers an in-depth look at the concepts and theories associated with child development. Physical, social, emotional, and intellectual development of children and the factors that influence the development are studied. The health and safety needs of children are examined. A variety of experiences, including communication and problem-solving skills, budgeting and money management, nutrition and health related issues are geared to developing concepts important to understanding children and the developmental process. Career opportunities are explored.

Criteria for Selection: Child Development I

### Beyond High School No. A766

Elective: 9, 10, 11, 12

This is a one-semester, ½ credit course.

This course will help prepare the students for life after high school. We will look at the importance of the family structure in our society. Topics will include, but are not limited to, strengthening the family, personal relationships, engagement and marriage, communication, housing options, eating right, and money management. This course will be beneficial to those going to college or entering the job market.

Criteria for Selection: None



# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## COURSES OFFERED

French I  
No. L505

French II  
No. L506

French III  
No. L507

French IV  
No. L508

Spanish I  
No. L509

Spanish II  
No. L510

Spanish III  
No. L511

Spanish IV  
No. L512

## WORLD LANGUAGE

All students should consider some study of a world language. However, college-bound students should have two or more years of study in a single world language on their transcript. Colleges tend to look more favorably on students with a world language background as an indication of academic ability. The college trend is an increase in the number of years of study in a single world language, where language is a requirement for admission.





## WORLD LANGUAGE - COURSES OFFERED

### French I No. L505

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

In French I, students study elementary French grammar, conversation, and pronunciation. Students learn basic vocabulary related to many aspects of daily life. They write short compositions and study French life and customs. There is an emphasis on speaking French and especially upon applying grammar concepts and vocabulary to a variety of written and conversational activities.

Criteria for Selection: Must have a passing grade in English.

### French II No. L506

Elective: 10, 11, 12

This is a full year, full time, one credit course.

The emphasis of French II is on intermediate grammar, reading, conversation, vocabulary, composition, and French culture and customs. Emphasis is placed on comprehension of spoken French. Students learn additional verb tenses and new vocabulary related to many everyday situations.

Criteria for Selection: French I must be successfully completed prior to this course. A prerequisite of 75% or higher in French I is recommended.



### French III No. L507

Elective: 11, 12

This is a full year, full time, one credit course.

Those students continuing with French III should have earned a 75% average or higher in French II. French III students will continue to study grammar and verbs, read and discuss French fiction and nonfiction, write compositions, and prepare and present advanced conversations.

Criteria for Selection: French II must be successfully completed prior to this course. A prerequisite of 75% or higher in French II is recommended.

### French IV No. L508

Elective: 12

This is a full year, full time, one credit course.

French IV students will continue to speak, read, and write French at an advanced level with an emphasis on French culture through films, popular music, and current events.

French IV students will study the history of France. Also, they will read fiction and nonfiction, reviewing grammar and vocabulary as needed.

Criteria for Selection: French III must be successfully completed prior to this course. A prerequisite of 75% or higher in French III is recommended.

### Spanish I No. L509

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

In this beginning course, the student receives instruction in pronunciation, grammar, comprehension, oral practice and conversation, and cultural elements with an emphasis on listening and speaking Spanish or in-person students. In lieu of oral practice and conversation for Neshannock Online Campus students, emphasis is placed on beginning level language phrases and cultural/traditional elements.

Criteria for Selection: Must have a passing grade in English.

### Spanish II No. L510

Elective: 10, 11, 12

This is a full year, full time, one credit course.

Spanish II is an intermediate study of Spanish grammar, comprehension, oral practice and conversation, Hispanic life and customs. Emphasis is placed on listening and speaking skills, with an additional emphasis on writing for in-person students. Emphasis is placed on a variety of verb structure and conjugation, as well as other grammatical structures for Neshannock Online Campus students in lieu of speaking skills.

Criteria for Selection: Spanish I must be successfully completed prior to this course. A prerequisite of a 75% average or higher in Spanish I is recommended.

### Spanish III No. L511

Elective: 11, 12

This is a full year, full time, one credit course.

Spanish III is a study of advanced study of Spanish grammar and verbs, oral conversation and culture with a continued emphasis on the four communication skills. Reading selections are used to develop reading and conversational skills for in-person students. Emphasis is placed on other verb tenses, such as the preterit and imperfect, their structure and conjugation, as well as other grammatical structures for Neshannock Online Campus students in lieu of conversational skills.

Criteria for Selection: Spanish II must be successfully completed prior to this course. A prerequisite of a 75% average or higher in Spanish II is recommended.

### Spanish IV No. L512

Elective: 12

This is a full year, full time, one credit course.

The students are expected to read and write extensively in this course. Advanced conversational skills are continued, as well as an advanced study of grammar and culture for in-person students. Emphasis is placed on other verb tenses, such as the preterit and imperfect, future and conditional, their structure and conjugation, as well as other grammatical structures for Neshannock Online Campus students in lieu of conversational skills.

Criteria for Selection: Spanish III must be successfully completed prior to this course. A prerequisite of a 75% average or higher in Spanish III is recommended.

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## COURSE OFFERED

### Wellness 10

#### No. X902

Required

*This is a one semester, part-time .25 credit course.  
The course meets three periods per week.*

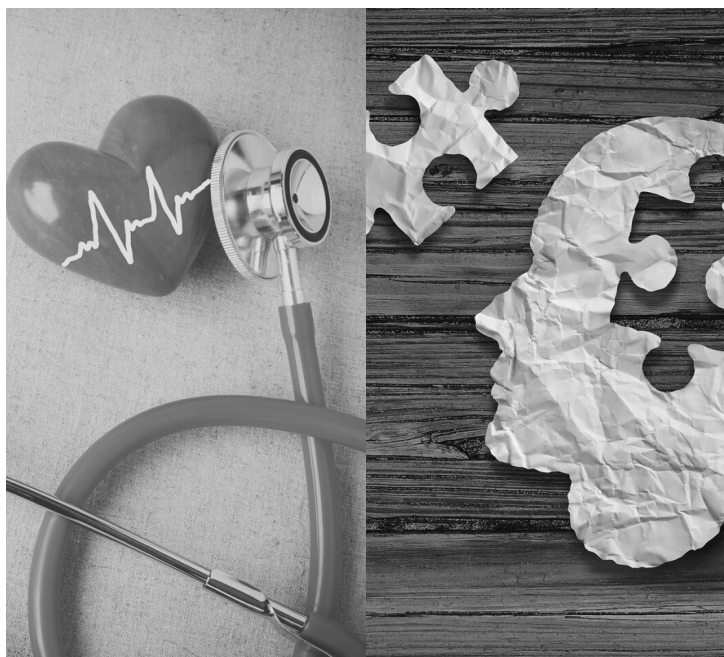
*The goals of this course will relate to the importance of health to everyday life and will present a broad overview of how health choices will impact life. Choices the students make in regard to health could have a drastic effect on their lives and positive health decisions will improve their productivity and quality of life.*

*This course includes the following topics:*

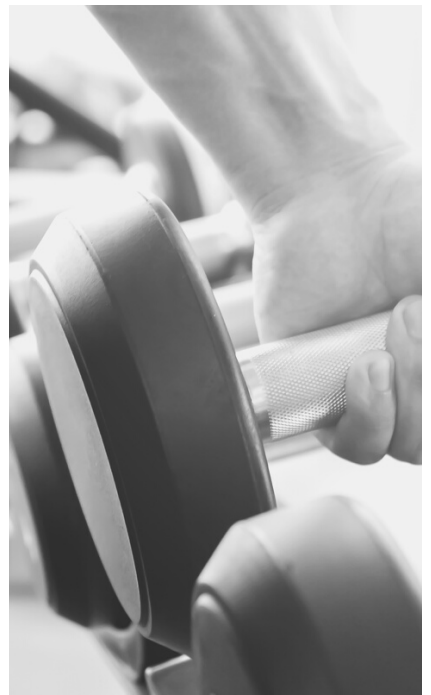
- Physical Health
- Mental Health
- Emotional Health
- Social Health
- Drugs
- Alcohol
- Tobacco
- Nutrition
- Sexually Transmitted Diseases
- HIV/AIDS
- Abortion
- Pregnancy
- Relationships
- Dating Violence
- Rape
- First Aid
- Cardiopulmonary Resuscitation
- Physical Fitness
- Violence
- Health Care Products and Services
- Careers in Health

Criteria for Selection: None

## WELLNESS









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# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## PHYSICAL EDUCATION



### COURSES OFFERED

Physical Education 9  
*No. P805*

Physical Education 9-12  
*No. P807*

Physical Education 9-12  
Online Physical Education  
*No. P811*

Lifeguarding/Aquatics  
*No. P808*

Adapted/Remedial  
Physical Education

## PHYSICAL EDUCATION - COURSES OFFERED

### Physical Education 9-12 No. P807

This is a full-year, part-time ½ credit course.

The program emphasizes physical fitness, team/lifetime physical activities, and wellness. Students will participate in individual, team sports, and fitness oriented activities. This class meets every other day the entire year. These activities will foster a lifetime knowledge for well-rounded, active adult.

### Physical Education 9-12 Online Physical Education No. P811

A selective physical education program is offered to allow the students to use wearable fitness trackers to complete weekly assignments. This class will allow for each student to meet his/her own needs while completing their assignments. The students may be responsible to purchase required equipment.

### Physical Education 9-12

**Elective: 9, 10, 11, 12**

*Students must complete two electives to meet graduation requirements. Each course is a semester, part-time ½ credit course.*

#### Mandatory P.E. Uniform Policy

*Students are required to wear red, white, black, or gray athletic clothing along with athletic shoes.*

### Lifeguarding/Aquatics No. P808

**Elective: Age 15 and up**  
3 Week course from 9:00-11:00 at  
Neshannock Swimming Pool

A lab fee of \$260 will be charged for this course to obtain a Red Cross Lifeguarding Certificate. A \$60 lab fee will be charged for a non-certificate course.

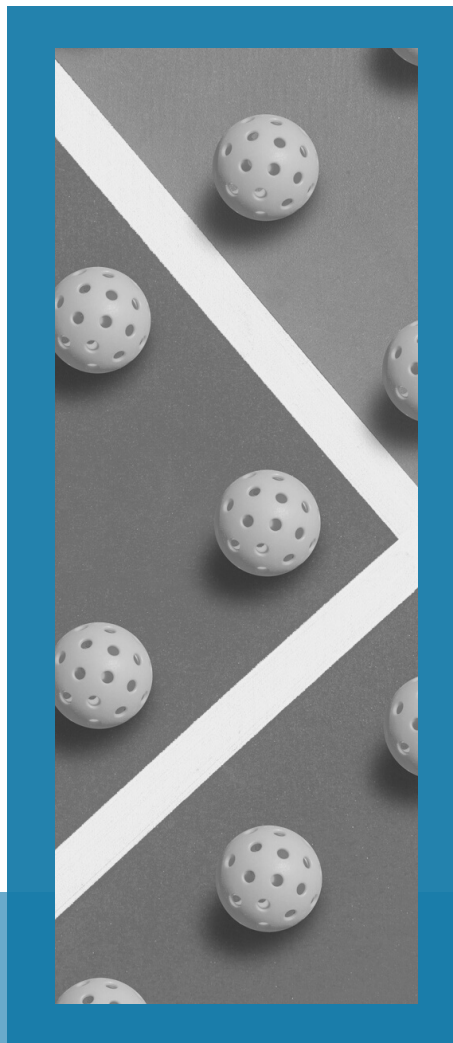
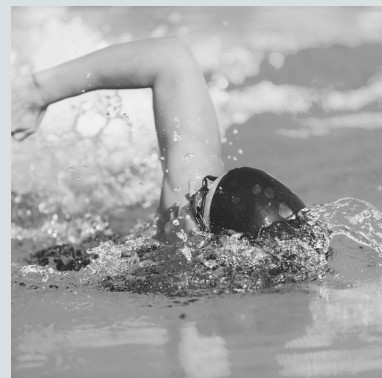
In addition to the prerequisites, students should also have good reading skills as extensive bookwork and written testing is a requirement.

#### Criteria for Selection:

- Swim 300 yards continuously in the following order: 100 yards crawl stroke, 100 yards breaststroke and 100 yards stroke of swimmer's choice.
- Swim 20 yards, submerge to a minimum depth of 8 feet, retrieve a 10-pound object, return with it to the surface and swim another 20 yards with the object using only the legs.

### Adapted/Remedial Physical Education

School laws of Pennsylvania specify that all students receive instruction in physical education. A planned program is provided for those students who need remedial or modified activities.



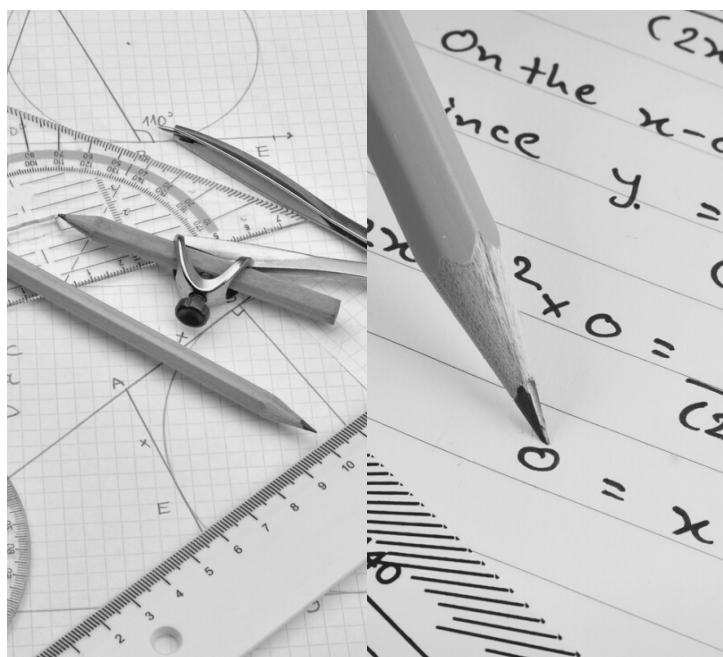
# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## MATHEMATICS

The Math Department offers 13 courses of study ranging from Algebra I to Advanced Placement Calculus.



## COURSES OFFERED

Algebra I  
No. M309

Geometry  
No. M310

Honors Geometry  
No. M311

Algebra II  
No. M312

Honors Algebra II  
No. M313

Senior High Math  
No. M314

Statistics  
No. M315

Honors Statistics  
No. M320

College Algebra  
No. M316

Honors Pre-Calculus  
No. M317

AP Calculus  
No. O318

Financial Literacy  
No. M321

Principles of  
Computer Science  
No. C101



## MATHEMATICS - COURSES OFFERED



### Algebra I No. M309

Required: For all students that completed Math 8.  
This is a full year, full time, one credit course.

In this course, students will develop a foundation of the algebraic skills and concepts necessary for them to succeed in advanced courses. A wide range of topics will be covered, however students will focus on operations with real numbers, simplifying expressions using exponents and roots, solving linear equations and inequalities, comparing and graphing relations and functions, as well as calculating probability and analyzing data. This course is intended to prepare students to take the Keystone Algebra 1 Exam. Students are expected to complete homework on a daily basis. Also, students should be familiar with a scientific calculator and/or a graphing calculator.

Criteria for Selection: This course is required of all grade 9 students unless scheduled for Geometry, Honors Geometry, Algebra 2, or Honors Algebra 2.

### Geometry No. M310

Elective: 9, 10, 11, 12  
This is a full year, full time, one credit course.

The instruction and assessments in Geometry have been aligned to the Pennsylvania Common Core Standards and Assessment Anchors. Students will develop higher level thinking skills in the area of reasoning as well as learn the postulates, theorems, and definitions related to geometry. Stress will be placed on problem solving when appropriate. Students will take an active role in discovering and proving the properties of geometric figures through visualization, analytical thinking, experimentation, and deductive reasoning. Students will be asked to give a thorough and logical explanation for answers and will learn to develop and write proofs of statements in various forms. Topics covered include basics of segments and angles and their measures, inductive and deductive reasoning, perpendicular and parallel lines, congruence and properties of triangles, properties of quadrilaterals and other polygons, similarity of geometric figures, properties of right triangles, properties of circles, area of plane figures and solids, and volumes of solid figures. Students will become proficient in the use of a scientific calculator.

Criteria for Selection: Successful completion of Algebra 1. Students may earn a high school math credit in Geometry or Honors Geometry, but not both.

### Honors Geometry No. M311

Elective: 9, 10, 11, 12  
This is a full year, full time, one credit course.

Honors Geometry will cover all of the areas covered in the Geometry class with a higher degree of emphasis placed on the discovery and proof of the properties of geometric figures. The instruction and assessments in Honors Geometry have been aligned to the Pennsylvania Common Core Standards and Assessment Anchors. Students will develop higher level thinking skills in the area of reasoning as well as learn the postulates, theorems, and definitions related to geometry. Stress will be placed on problem solving and proof-writing. Students will take an active role in discovering and proving the properties of geometric figures through visualization, analytical thinking, experimentation, and deductive reasoning. Students will be asked to give a thorough and logical explanation for answers and will learn to develop and write proofs of statements in various forms. Topics covered include basics of segments and angles and their measures, inductive and deductive reasoning, perpendicular and parallel lines, congruence and properties of triangles, properties of quadrilaterals and other polygons, similarity of geometric figures, properties of right triangles, properties of circles, area of plane figures and solids, and volumes of solid figures. Students will become proficient in the use of a scientific calculator.

Since Honors Geometry requires additional work and is more academically challenging than Geometry, a 5% additive is given to the percentage score earned.

Criteria for Selection: A grade of 95% or higher in Algebra 1. A grade of 85% in Algebra 2 (Grade 8). Students may earn a high school math credit in Geometry or Honors Geometry, but not both.

### Algebra II No. M312

Elective: 9, 10, 11, 12  
This is a full year, full time, one credit course.

This course is the continuation of the study of algebra. Instruction and assessments are aligned to the Pennsylvania Common Core Standards. Students will be completing problems with and without calculators. For those students who plan to take Honors Pre-Calculus, AP Calculus and/or Physics a TI-83, TI-84 plus or TI-89 graphing calculator is highly recommended.

Algebra II topics include:

- Review of Algebra concepts that include linear equations, linear inequalities, and systems of equations
- Transformations and parent functions
- Graphing and solving quadratic functions with and without complex number answers.
- Polynomial operations, graphs, and finding real roots
- Exponential and logarithmic functions.

Criteria for selection: Successful completion of Geometry or Honors Geometry. A grade of 95% or higher in Algebra I for those students enrolling in Algebra II in the same academic year in which they are also enrolled in Geometry or Honors Geometry. Students may earn a high school math credit in Algebra II or Honors Algebra II, but not both.

### Honors Algebra II No. M313

Elective 9, 10, 11, 12  
This is a full year, full time, one credit course.

This course is for advanced mathematics students who desire to understand Algebra in more depth. This course is recommended for those students who desire to move on to Honors Pre-Calculus. This class will be taught more in depth and at an accelerated rate. Instruction and assessments are aligned to the Pennsylvania Common Core Standards. For those students who plan to take Honors Pre-Calculus, AP Calculus and/or Physics a TI-83, TI-84 plus or TI-89 graphing calculator is highly recommended.

Honors Algebra II topics include:

- Review of Algebra concepts that include linear equations, linear inequalities, and systems of equations
- Transformations and parent functions
- Graphing and solving quadratic functions with and without complex number answers.
- Polynomial operations, graphs, and finding real roots
- Exponential and logarithmic functions
- Operations of radical and rational expressions, solving rational and radical equalities and inequalities
- Operations with functions
- Trigonometric Functions (as time permits)

Because Honors Algebra 2 requires additional work and is more academically challenging than a non-honors level math course, a 5% additive is given to the percentage score earned.

Criteria for Selection: A grade of 95% or higher in Geometry or 85% or higher in Honors Geometry. A grade of 95% or higher in Algebra 1 is required, for those students enrolling in Honors Algebra II in the same academic year in which they are also enrolled in Geometry or Honors Geometry. Students planning to enroll in Honors Pre-Calculus in a subsequent academic year are encouraged to complete Honors Algebra II. Students may earn a high school math credit in Algebra II or Honors Algebra II, but not both.

## MATHEMATICS - COURSES OFFERED

### Senior High Math No. M314

Elective: Grade 12 only

This is a full year, full time, one credit course.

This class is by appointment only. It may not be considered as a college preparatory math class for college admission or NCAA Clearinghouse purposes.

Students will work on mathematical concepts over a wide range of topics. Early emphasis is placed on basic math skills with whole numbers, fractions, and decimals. Students will then study estimation, ratio and proportion, rates and unit rates, percents, measurement, area and volume, and probability and statistics. Basic algebra skills will be used throughout the course. The focus of the course following the basic skills review will be on problem solving in a real-world environment – math skills on the job, at home, and at play. Students will use pencil and paper calculations, mental math, calculator skills, and computer skills to solve problems.

Criteria for Selection: Students must be entering their senior year to be eligible for Senior High Math. Students must have completed or be enrolled in Algebra II and must have the recommendation of their junior year math teacher AND senior high school counselor to be enrolled in Senior High Math. Students who have earned a math credit in Statistics, Honors Statistics, Honors Pre-Calculus or Advanced Placement Calculus AB are not eligible to earn a math credit in this course.

### Statistics No. M315

Elective: 11, 12

This is a full year, full time, one credit course.

This is a math course designed for the math student who may plan on a post high school education. This course teaches methods for displaying distributions with graphs and numbers as well as the normal distribution. They will examine relationships using scatter plots and least squares regression and correlation. They will work with designing samples and experiments in combination with some basic principles of probability. Topics studied include counting methods using permutations and combinations, axiomatic probability, descriptive statistics and statistical inference. For applicable units, instruction and assessments are aligned to the Pennsylvania Common Core Standards. Some units fall outside the scope of the PCCS.

Throughout the course real-life problem situations will be used to connect statistics to many other fields and occupations. Algebra skills will be strengthened as needed.

Technology will be an integral part of instruction. Access to a reliable computer with internet access is strongly recommended. Many topics will require the use of several computer applications and completion of numerous internet based projects. A personal graphing calculator (a TI-83/TI-83 plus/TI-84 plus) is highly recommended.

Criteria for Selection: Students enrolling in Statistics as a junior must have completed College Algebra with an 85% average OR must have completed Algebra II or Honors Algebra II with an 85% average AND be concurrently enrolled in College Algebra or Honors Pre-Calculus. Students enrolling in Statistics as a senior must have completed College Algebra or Honors Pre-Calculus. Parent signature on Course Criteria Waiver Consent Form does not apply to the Criteria for Selection for Statistics. Students may earn a high school math credit in Statistics or Honors Statistics, but not both.

### College Algebra No. M316

Elective: 11, 12

This is a full year, full time, one credit course.

This course is highly recommended for any student who has taken Algebra II but who believes their algebra skills are inadequate to continue on with Honors Pre-Calculus. Most colleges today require all students to show Algebra literacy despite the student's major. Thus, a primary goal of this course will be to maintain and improve those skills studied in Algebra II as well as prepare for a higher-level math course. Instruction and assessment are aligned to the Pennsylvania Common Core Standards.

College Algebra topics include:

- Solving and Graphing Linear Equations and Inequalities
- Solving Systems of Linear Equations
- Solving Systems of Linear Equalities using Graphing, Substitution, Elimination and a Matrix
- Properties of Exponents and Operations with Polynomials
- Factoring Operations with and solving Rational Expressions Operations and Solving Roots and Rational Expressions
- Operations and Solving Roots and Radicals
- Solving Quadratic Equations and Inequalities
- Exponential and Logarithmic Functions
- Finding the zeros of Polynomial Functions

Students who have earned a high school math credit in Honors Pre-Calculus are not eligible to earn a subsequent math credit in College Algebra.

Criteria for Selection: Completion of Geometry or Honors Geometry AND Algebra II or Honors Algebra II

### Honors Pre-Calculus No. M317

Elective: 11, 12

This is a full year, full time, one credit course.

Honors Pre-Calculus is strongly recommended for students who are considering further study of mathematics and/or science at the college level.

This course prepares students for college level calculus. Honors Pre-Calculus provides students with an application-oriented, investigative mathematics course which emphasizes real-world applications. For applicable units, instruction and assessments are aligned to the Pennsylvania Common Core Standards. Some units fall outside the scope of the PCCS. Students use graphing calculators for much of their problem solving.

The units of study include:

- Functions and Their Graphs
- Polynomial and Rational Functions
- Exponential and Logarithmic Functions
- Sequences, Series, and Trigonometric Functions and their graphs and identities
- Laws of Sines and Cosines
- If time permits, an investigation of parameters, vectors, and matrices will be included.

Students should have their own personal graphing calculator for use in and out of class. The recommended graphing calculator for the course is a TI-83 plus, TI-84 plus, or TI-89. The TI-85 and TI-86 are not recommended for use in this course. The TI-92 or any calculator with a QWERTY keyboard is not permitted for use in this course.

Because Honors Pre-Calculus requires additional work and is more academically challenging than a non-honors level math course, a 5% additive is given to the percentage score earned. Students who have earned a high school math credit in Honors Pre-Calculus or plan to earn a high school math credit in Honors Pre-Calculus are not eligible to earn a SUBSEQUENT math credit in College Algebra, Senior High Math or Financial Literacy.

Criteria for Selection: Completion of Geometry or Honors Geometry AND Algebra II, Honors Algebra II or College Algebra.

Recommendation: 85% or higher in College Algebra; 85% average or higher in Geometry or Honors Geometry AND Algebra II or Honors Algebra II.

Seton Hill University: Juniors and Seniors (and sophomores with permission) in Honors Pre-Calculus may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs. Through this program students may earn 4 credits for SHU course SMA 120 – Pre-Calculus. Grades posted to SHU are without the 5% additive for Neshannock High School honors courses. Students must obtain a final grade average of 70% or higher (without the 5% additive) to be awarded SHU credit.

# NTSD| 2023-2024

## MATHEMATICS - COURSES OFFERED



### Advanced Placement Calculus AB No. O318

Elective: 11-12

(seven or eight periods per week)

This is a full year, full time, one and one-half credit course.

This course is designed for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry, and elementary functions.

Students will continue to use the critical thinking skills developed in Honors Pre-Calculus. The emphasis of the class is on the basic calculus concepts of limits, derivatives and integrals and solving problems numerically, graphically, and/or analytically. The course is demanding in terms of time requirements, student commitment and personal discipline. Students are required to take the Advanced Placement Examination in order to receive credit for the course. Students are expected to be proficient in the use of a graphing calculator.

Students should have their own personal graphing calculator for use in and out of class. The recommended graphing calculator for the course is a TI-83 plus, TI-84 plus, or TI-89. The TI-85 and TI-86 are not recommended for use in this course. The TI-92 or any calculator with a QWERTY keyboard is not permitted for use in this course or to take the AP Exam.

Because an Advanced Placement course is more academically challenging, a 10% additive is given to the percentage score earned.

Criteria for Selection: Completion of Honors Pre-Calculus.

Recommendation: 75% average or higher in Honors Pre-Calculus.

Seton Hill University: Juniors and Seniors in AP Calculus may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs. Through this program students may earn 4 credits for SHU course SMA 130 - Calculus 1 with Analytic Geometry. Grades posted to SHU are without the 10% additive for Neshannock High School Advanced Placement courses. Students must obtain a final grade average of 70% or higher (without the 10% additive) to be awarded SHU credit.

### Honors Statistics No. M320

Elective: 11, 12

This is a full year, full time, one credit course.

**Note:** This textbook is at the honors level. This course uses a college level text and replicates the content of college level instruction. The AP test will be offered at the conclusion of the course.

This is a fast-paced, intense math course designed for the motivated math student. This course teaches methods and terminologies of descriptive and inferential statistics. Students will be exposed to the four major themes consisting of exploring data, experimental design, anticipating patterns and statistical inference. Students who have completed this course will be able to conduct their own analysis of standard one sample or two sample data sets, follow statistical reasoning and read statistical reports with understanding. Introductory topics in linear regression, analysis of variance and contingency table analysis will also be covered. Students will be required to complete homework assignments both from the textbook and web-based on a daily basis. Additionally, this course will use an activity/project oriented approach to develop and assess the covered concepts. In fact, the final will be a culminating project where the student will illuminate their knowledge of the four major themes. This course will provide students a framework that fosters personal growth through the use of technology, working with peers, critical thinking and the development of communication skills. For applicable units, instruction and assessments are aligned to the Pennsylvania Common Core Standards. Some units fall outside the scope of the PCCS.

Technology will be an integral part of instruction. Students MUST have access (away from school) to a reliable computer with internet capabilities. Many topics will require the use of several computer applications and completion of numerous internet based projects. Students MUST have their own personal graphing calculator [a TI-83/TI-83 plus/TI-84 plus is highly recommended].

Criteria for Selection: Students enrolling in Honors Statistics as a junior must have completed Honors Pre-Calculus OR must have completed Algebra II or Honors Algebra II with an 85% average AND be concurrently enrolled in Honors Pre-Calculus or AP Calculus. Students enrolling in Honors Statistics as a senior must have completed Honors Pre-Calculus or AP Calculus. Parent signature on Course Criteria Waiver Consent Form does not apply to the Criteria for Selection for Honors Statistics.

Seton Hill University: Juniors and Seniors in Honors Statistics may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs. Through this program students may earn 3 credits for SHU course SSS250-52 Introductory Statistics or 3 credits through Duquesne University Math 125 Fundamentals of Statistics. Grades posted to SHU are without the 5% additive for Neshannock High School Honors courses. Students must obtain a final grade average of 70% or higher (without the 5% additive) to be awarded College credit.

### Financial Literacy No. M321

Elective: 11, 12

This is a full year, full time, one credit course.

This class is by appointment only. This co-taught course is to enable students to understand and develop the skills necessary to manage their own finances. Topics include but are not limited to career decisions, money management, investments, credit management, and consumer rights and responsibilities. Students will use a variety of computer software in many of their learning activities and projects. Guest speakers and hands-on tools will be utilized. The course is designed to help promote independence as students transition into adulthood.

Criteria for Selection: The class is available for 11th and 12th grade students based on Keystone scores, the need for specially designed instruction, and teacher and school counselor recommendation.

### Principles of Computer Science No. C101

Elective: 11, 12

This is a full year, full time, one credit course.

Principles of Computer Science is a higher level introductory course that introduces students to the foundational concepts of computer science while challenging the student to explore how computing and technology can impact the world. No prior computer science experience is necessary.

Topics include:

- The Internet
- Digital Information
- Intro to Programming
- Big Data
- Algorithms
- Introduction to App Design
- Cyber Security and Global Impacts

Technology will be an integral part of instruction and assessment. Students MUST have access (away from school) to a reliable computer with internet capabilities.

Criteria for Selection: Principles of Computer Science is open to all students who will be **juniors** in the 2023-2024 school year and who have successfully completed Algebra 2 or Honors Algebra 2. Students who are seniors in the 2023-2024 school year and who have successfully completed Algebra 2 or Honors Algebra 2 may be admitted if space permits.

Principles of Computer Science is an elective and does **not** qualify as a math credit for graduation for high school.



NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## COURSES OFFERED

Senior High Choir  
*Full Year No. A726*  
*FY Part Time No. A727*

Senior High Band  
*Full Year No. A728*  
*FY Part Time No. A729*

Honors Senior High Band  
*Full Year No. O419*  
*FY Part Time No. O420*

Honors Senior High Choir  
*Full Year No. O421*

## MUSIC



# NTSD| 2023-2024

## MUSIC - COURSES OFFERED

### Senior High Choir No. A726

Elective: 9, 10, 11, 12

This is a **full year, full time**, one credit course.

The Neshannock Senior High Choir is the main co-curricular vocal ensemble for grades 9-12. This course is for any student who wishes to sing and advance their knowledge in music as it pertains to singing. Members are taught in a group setting. Individual learning is encouraged through district and regional chorus, honors chorus, private lessons, ensembles, and solo work. The choir will perform at nursing homes, public affairs, concerts, and graduation. Winter and spring concerts are held annually. Students who elect to participate in the ensemble are making a full-year commitment.

Criteria for Selection: Previous choir experience or audition with the choir director.

### Senior High Choir No. A727

Elective: 9, 10, 11, 12

This is a **full year, part time**, ½ credit course.

The Neshannock Senior High Choir is the main co-curricular vocal ensemble for grades 9-12. This course is for any student who wishes to sing and advance their knowledge in music as it pertains to singing. Members are taught in a group setting. Individual learning is encouraged through district and regional chorus, honors chorus, private lessons, ensembles, and solo work. The choir will perform at nursing homes, public affairs, concerts, and graduation. Winter and spring concerts are held annually. Students who elect to participate in the ensemble are making a full-year commitment.

Criteria for Selection: Previous choir experience or audition with the choir director.

### Senior High Band No. A728

Elective 9, 10, 11, 12

This is a **full year, full time**, one credit course.

The Neshannock Lancer Band is the main co-curricular instrumental ensemble for grades 9-12. This course is for students who already have the ability to perform on a concert band instrument. Students enrolled in this course participate in the marching band and concert band ensembles. There are mandatory summer and after school rehearsals and performances. The band members perform for assemblies, football games, band festivals, competitions, civic events, parades, and special activities. Winter and Spring concerts are held annually.

Criteria for Selection: Students must have the ability to play a concert band instrument. If they have an extremely strong desire to learn an instrument, they must meet with the band director before placement in the class

### Senior High Band No. A729

Elective 9, 10, 11, 12

This is a **full year, part time**, ½ credit course.

The Neshannock Lancer Band is the main co-curricular instrumental ensemble for grades 9-12. This course is for students who already have the ability to perform on a concert band instrument. Students enrolled in this course participate in the marching band and concert band ensembles. There are mandatory summer and after school rehearsals and performances. The band members perform for assemblies, football games, band festivals, competitions, civic programs, parades, and special activities. Winter and spring concerts are held annually.

Criteria for Selection: Students must have the ability to play a concert band instrument. If they have an extremely strong desire to learn an instrument, they must meet with the band director before placement in the class.

### Honors Senior High Band No. O419

Elective: 11, 12

This is a **full year, full time**, one credit course.

This course is for students who are enrolled in band and choir simultaneously and would like to earn Honors credit during their junior and/or senior year(s). The Neshannock Lancer Band is the main co-curricular instrumental ensemble for grades 9-12. This course is for students who already have the ability to perform on a concert band instrument. There are mandatory summer and after school rehearsals and performances. Students perform as a marching band for all football games, assemblies, parades, band festivals, and civic events, and perform as a concert band for the Winter and Spring concerts. Students who elect to participate in the ensemble are making a full-year commitment. Students who elect to take this course will work together with the band director to complete a leadership project each nine weeks to earn the Honors distinction.

Criteria for Selection: Students must be Juniors or Seniors, have enrolled in Senior High Band (either part-time full year or full time) for two or three consecutive years (9th, 10th, and 11 grades), and receive the recommendation of the band director.

### Honors Senior High Band No. O420

Elective 11, 12

This is a **full year, part time**, one-half credit course.

This course is for students who are enrolled in band and choir simultaneously and would like to earn Honors credit during their junior and/or senior year(s). The Lancer Band is the main co-curricular instrumental ensemble for grades 9-12. This course is for students who already have the ability to perform on a concert band instrument. There are mandatory summer and after school rehearsals and performances. Students perform as a marching band for all football games, assemblies, parades, band festivals, and civic events, and perform as a concert band for the Winter and Spring concerts. Students who elect to participate in the ensemble are making a full-year commitment. Students who elect to take this course will work together with the band director to complete a leadership project each nine weeks to earn the Honors distinction.

Criteria for Selection: Students must be Juniors or Seniors, have enrolled in Senior High Band (either part-time full year or full time) for two or three consecutive years (9th, 10th, and 11 grades), be enrolled in Senior High Honors Choir part time, and receive the recommendation of the band director.

Seton Hill University: Juniors and Seniors in Honors Band may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs. Through this program students may earn 1 credit for SHU course SMU127-50 Fundamentals of Music Theory. Grades posted to SHU are without the 5% additive for Neshannock High School Honors courses. Students must obtain a final grade average of 70% or higher (without the 5% additive) to be awarded SHU credit.

### Honors Senior High Choir No. O421

Elective 11, 12

This is a **full year, full time**, one credit course.

This course is for students who are enrolled in choir and would like to earn Honors credit during their junior and/or senior year(s). The Neshannock Senior High Choir is the main co-curricular vocal ensemble for grades 9-12. This course is for any student who wishes to sing and advance their knowledge in music as it pertains to singing. Members are taught in a group setting. Individual learning is encouraged through district and regional chorus, honors chorus, private lessons, ensembles, and solo work. The choir will perform at nursing homes, public affairs, concerts, and graduation. Winter and spring concerts are held annually. Students who elect to participate in the ensemble are making a full-year commitment. Students who elect to take this course will work together with the choir director to complete a leadership project each nine weeks to earn the Honors distinction.

Criteria for Selection: Students must be Juniors or Seniors, have enrolled in Senior High Choir (either part-time full year or full time) for two or three consecutive years (9th, 10th, and 11 grades), and receive the recommendation of the choir director.

NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12

## COURSES OFFERED

Physical Science/Lab  
No. S409

Biology/Lab  
No. S410

Chemistry/Lab  
No. S412

Senior High Physical Science/Lab  
No. S413

Environmental Science/Lab  
No. S414

Physics/Lab  
No. S415

AP Biology/Lab  
No. O416

AP Chemistry/Lab  
No. O417

Anatomy and Physiology/Lab  
No. S421

## SCIENCE





# NTSD| 2023-2024

## SCIENCE - COURSES OFFERED



### Physical Science/Lab No. S409

Required: 9

This is a full year, full time, one credit course.

The Physical Science course consists of a semester of chemistry and a semester of physics. During the chemistry portion, topics will include matter, elements and the periodic table, bonding, chemical reactions, and solutions. During the physics portion, students will study motion, forces, work, machines, energy, heat, waves, sound, light, electricity, and magnetism. This course will also focus on the scientific method and inquiry learning. Students will get hands-on experience in many laboratory investigations.

Criteria for Selection: None

### Biology/Lab No. S410

Required: 10

This is a full year, full time, one credit course.

The Biology course will seek to present a broad, but detailed, overview of the biological sciences and relate the importance of biology in everyday life. The course will focus on the diversity of life on earth and seek to emphasize the interrelationships between the student and the biological world. Course topics will include: the nature of science, basic biological principles, fundamental properties of life, chemical basis of life, bioenergetics, homeostasis and transport, cell growth and reproduction, genetics, theory of evolution and natural selection, ecology. The course is aligned to the Pennsylvania Common Core standards and in accordance with the Pennsylvania Biology Keystone Assessment Anchors. Laboratory investigations, dissections, research problems in biology, as well as special projects and collections, are all a part of the required course work.

Criteria for Selection: None

### Chemistry/Lab No. S412

Elective: 11,12

(seven or eight periods per week)

This is a full year, full time, 1 credit course.

This course will provide students with a detailed exposure to chemical theory and problem solving and a thorough laboratory experience. Major topics include: atomic theory, mole calculations, gas laws, kinetic molecular theory, bonding, nomenclature, chemical reactions, stoichiometry, condensed phases of matter, the periodic table, acids bases, salts, equilibrium, oxidation/reduction, laboratory investigations and computer applications. Neshannock Online Campus students will utilize virtual simulations and lab experiences in place of the traditional laboratory setting.

Criteria for Selections: 75% average in Algebra and Geometry; should have taken or be enrolled in Algebra II.

### Senior High Physical Science/Lab No. S413

Elective: 11, 12

This is a full year, full time, one credit course.

The course is designed primarily for students who will complete their formal science education in high school. This course is an overview of all basic areas of physical science. Major topics include: matter, energy, chemistry, motion, and forces. Laboratory investigations and research problems are a significant component of the required course work.

Criteria for Selection: Algebra I is strongly recommended.

### Environmental Science/Lab No. S414

Elective: 10, 11, 12

This is a full year, full time, one credit course.

This course will address facts, ideas, and controversies of the environmental and ecological concerns of our planet's present and future. The topics include the following: ecology, toxic substances, energy, pollution, biodiversity, and natural resources of the planet. Laboratory investigations, video lessons, field work/testing, research problems in environmental science, as well as special projects and collections, are a significant component of the required coursework.

Criteria for Selection: Biology is strongly recommended.

### Physics/Lab No. S415

Elective: 11, 12

(Seven or eight periods per week)

This is a full year, full time, 1 credit course.

This course is primarily for the college-bound engineering, nursing, mathematics, or sciences student. Major topics include: the science of matter and energy; units of force and motion; structure of matter; heat; wave motion and sound; light. Various laboratory investigations are performed in this course. Successful completion of all labs, at a competency level of 70%, is required to pass the course.

Criteria for Selection: Algebra II is recommended with a minimum grade of 75%. Also, it is strongly recommended to have taken Chemistry with a minimum grade of 75%.



# NTSD| 2023-2024

## SCIENCE - COURSES OFFERED

### Advanced Placement Biology/Lab No. O416

Elective 11, 12

(Seven or eight periods per week)

This is a full year, full time, 1.5 credit course.

The AP Biology course is designed for students who have demonstrated superior academic ability and a desire to excel in science. It is geared toward meeting the needs of those students who are preparing for college, or who are considering a possible career in biology, research, medicine, or nursing. This is a work intensive class; the textbook, course work, laboratory work, homework, and exams are all college-level. This course will involve an in-depth study of biological topics like: organic and biological chemistry, cell structure and function, energy and living cells, cellular respiration and photosynthesis, molecular biology of DNA and protein synthesis, Mendelian genetics, population genetics, speciation and natural selection, classification of organisms, microbiology and diseases, multicellular plants and botany, animal zoology, human anatomy and physiology, reproduction and embryonic development, behavioral biology, and ecology.

Completion of the 12 specialized AP Biology laboratory investigations, dissections, written papers, scientific literature reviews, research problems in biology, as well as special projects and collections, are all a part of the required course work. Neshannock Online Campus students will utilize Pivot Interactives in place of the traditional laboratory setting. Students are required to take the AP Biology Exam in order to receive credit for the course.

**Criteria for Selection:** Must have successfully completed Biology (with a recommended 90% minimum average, 95% for Juniors) and have completed or be currently taking Chemistry.

**Seton Hill University:** Juniors and Seniors in AP Biology/Lab may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs.

Through this program students may earn 3 credits for SHU course SBL 160 – AP Biology/Lab. Grades posted to SHU are without the 10% additive for Neshannock High School Advanced Placement courses. Students must obtain a final grade average of 70% or higher (without the 10% additive) to be awarded SHU credit.

### Advanced Placement Chemistry/Lab No. O417

Elective 11, 12

(Seven or eight periods per week)

This is a full year, full time, 1.5 credit course.

This rigorous course is designed for students who have demonstrated outstanding academic ability and a desire to excel in science and mathematics. The textbook, course work, laboratory experience, and homework load are college-level. Scientific reasoning and computational skills development are foci of the course. Major topics covered include: atomic theory, mole calculations, chemical bonding, nuclear chemistry, states of matter, solutions, reaction types, stoichiometry, equilibrium, kinetics, thermodynamics, and descriptive chemistry. Neshannock Online Campus students will utilize virtual simulations and lab experiences in place of the traditional laboratory setting. Students are required to take the AP Chemistry Exam in order to receive credit for the course.

Exceptional students may wish to take AP Chemistry during their junior year in order to make time available during their senior year for other advanced placement courses. Juniors electing to take AP Chemistry as their first exposure to chemistry are strongly encouraged to complete independent summer study in chemistry. This study will provide the student with basic background information that is needed for the student to have a successful AP Chemistry experience. The school will contact the parents of each junior AP Chemistry candidate in the spring to explain the independent study recommendations, course expectations, and demands.

**University of Pittsburgh:** All students in-person students in AP Chemistry may elect to enroll in the University of Pittsburgh College in High School Program. Through this program, students will take Pitt's four-credit credit course, CHEM 0110. Students/parents (or guardians) are responsible for any applicable costs. Through this program, students will be expected to complete five labs, three exams, and one final provided by Pitt. The final grade for Pitt includes the described assignments and the grade earned from Neshannock High School without the 10% additive for the AP course. Students will then have a transcript from the University of Pittsburgh that can transfer to many other universities and colleges for credit. Neshannock Online Campus students are not eligible to enroll in this program per CHS requirements set forth by the University.

**Criteria for Selection:** Students should have a minimum of 80% in chemistry.

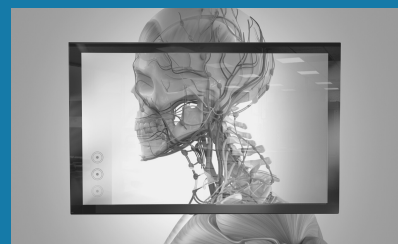
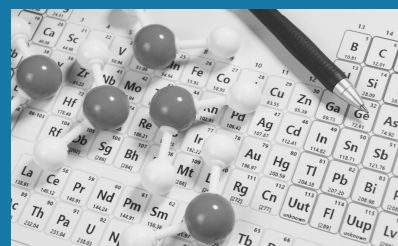
### Anatomy and Physiology/Lab No. S421

Elective 11, 12

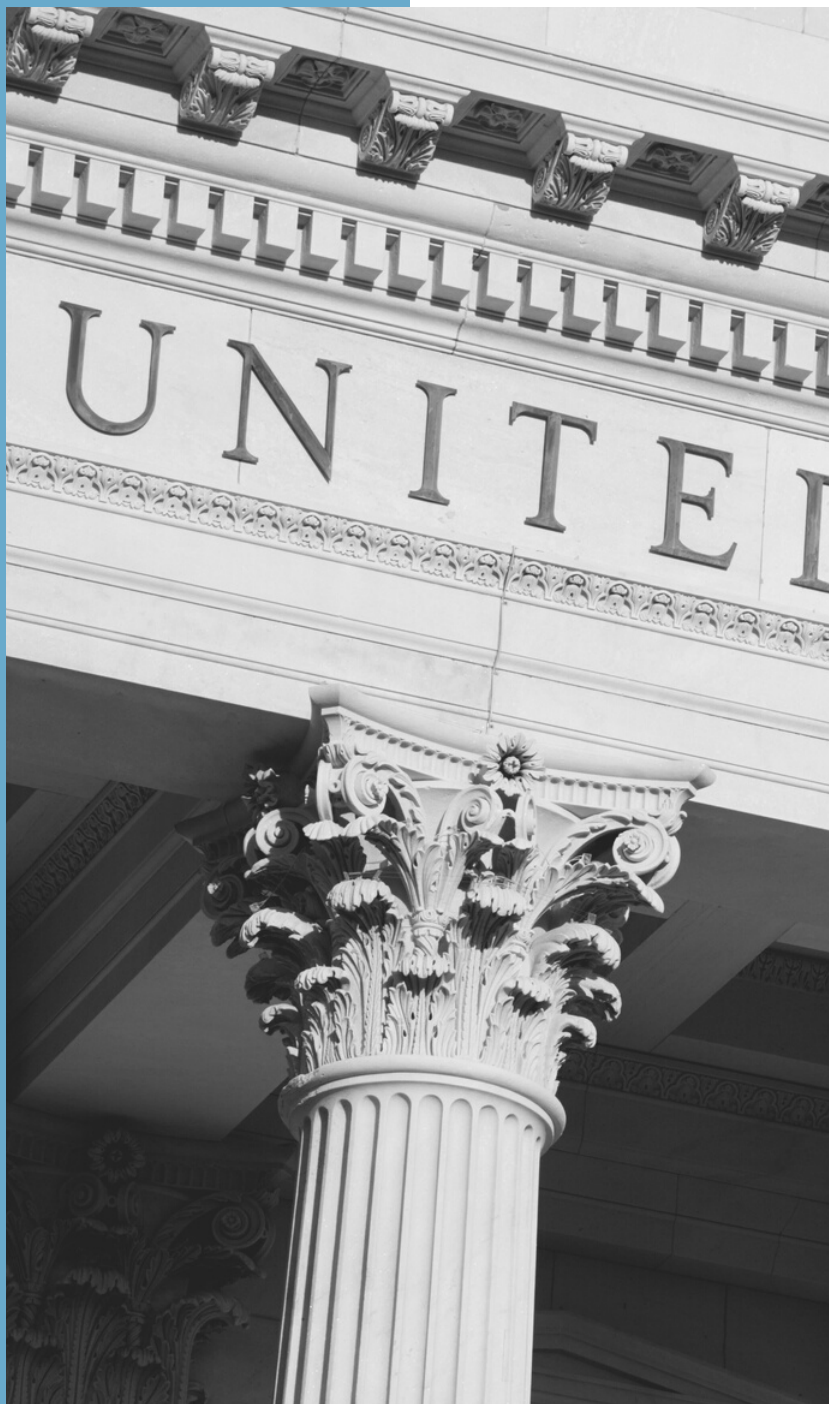
This is a full year, full time, 1 credit course.

Anatomy and Physiology will be a year long course that meets daily. It is intended for college bound juniors and seniors with an interest in health care careers and other science-related careers. This course will provide both verbal and visual descriptions of the structure and function of the human body and its systems, including disorders affecting those systems. Emphasis will be placed on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. Study will include labs (modeling, simulations, and dissection), lectures, cooperative group work, demonstrations, and hands-on activities to compliment the course content.

**Pre-requisites:** A minimum grade of 85% in General Biology, General Chemistry









NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12

## COURSES OFFERED

Civics

No. H209

World Cultures

No. H210

Honors World Cultures

No. O224

U.S. History II

No. H211

AP United States History

No. O225

Psychology

No. H226

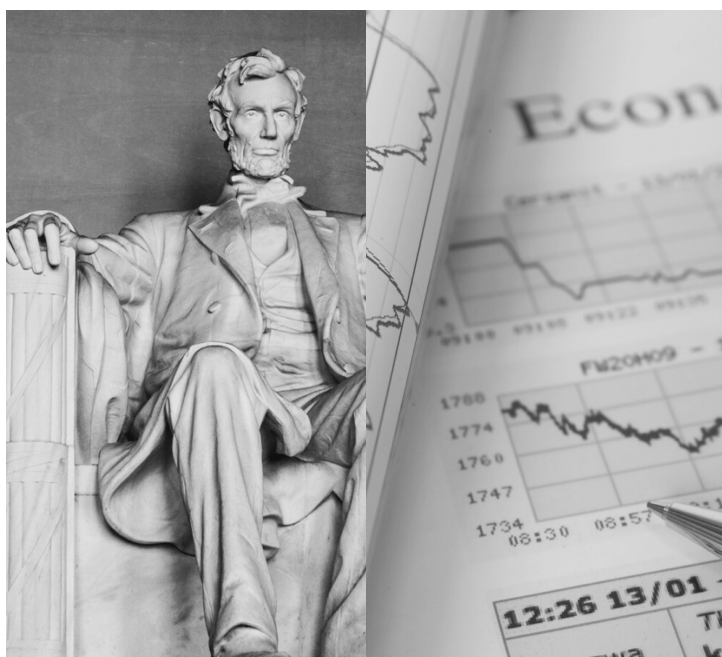
Sociology

No. H227

AP Economics

No. O418

## SOCIAL STUDIES



## SOCIAL STUDIES - COURSES OFFERED

### Civics No. H209

Required: 9

This is a full year, full time, one credit course.

This introductory course studies the Constitution and provides information from the fields of political science, history, sociology, and social psychology. It stresses positive attitudes of patriotism, civic-mindedness, loyalty, respect for the law, and citizenship. There is a special emphasis on the importance of elections each year.

Criteria for Selection: None

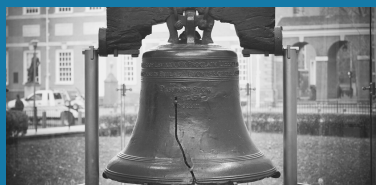
### World Cultures No. H210

Required: 10

This is a full year, full time, one credit course.

This is a survey course covering world history from ancient times to the twentieth century with an emphasis on the western world cultures. The approach is chronological, tracing the growth of these cultures from earliest evidence to the modern industrial societies of the 20th century. Students will gain an understanding of how these cultures and events still shape our lives today.

Criteria for Selection: None



### Honors World Cultures No. O224

Elective: 10

This is a full year, full time, one credit course.

Honors World Cultures covers world history from ancient times to the twentieth century with an emphasis on the western world cultures. Classes will focus on analysis and research skills as they study the significant achievements and events of peoples, nations, and empires. Students will also study historical themes as they are developed to demonstrate the interrelations of ideas and events of the past and how they affect contemporary life.

Students will gain a new appreciation for history and will begin to see historical figures as very real people. Students will learn to investigate for answers from a variety of sources, analyze research, and be able to present their conclusions in a logical manner. Students will gain knowledge of events and ideas that have shaped the world that we live in today.

There is a 5% additive for this course due to the extensive historical reading and writing involved. Students are required to participate in National History Day. The AP World History exam may be taken with this course.

Criteria for Selection: Students are required to have a 95% in their current social studies course and a 95% in ninth grade English or 90% in Honors English 9. Both English and social studies teachers need to sign off on the request form.

### U.S. History II No. H211

Required: 11

This is a full year, full time, one credit course.

U.S. History II is a course that covers U.S. History from 1865 to the Present. Through this course, students will analyze military conflicts as well as social, political, economic and cultural changes.

Course topics include: Industrialization, Westward Expansion, Imperialism, World War I, the Roaring 20's, the Great Depression, the New Deal, World War II, the Baby Boom, Elements of the Cold War, the Korean War, the Civil Rights movement, Politics in the 1960's, the Vietnam War, New Conservatism, The Persian Gulf War, 9/11 attacks, the Iraq War, and America's aging population.

Criteria for Selection: None

### AP United States History No. O225

Elective: 11, 12

This is a full year, full time, one credit course.

Advanced Placement United States History is designed to provide students with analytical historical thinking skills and factual knowledge necessary to think critically about problems and events in American History from 1491 to the present. Course work includes, but is not limited to, textbook reading assignments and other secondary source reading assignments, primary and secondary source analysis, and extensive writing activities including short-answer questions (SAQs), long-essay questions (LEQs), and document-based questions (DBQs). All of these assignments include components of the national AP exam, which students are required to take to receive credit for the course. Because of the pace of the class, students must also complete several summer assignments in order to be prepared to start the course in the fall.

Criteria for Selection: Students are required to have a final average of 95% in their current social studies course and a final average of 95% in English or 90% in Honors English in order to be admitted to this course. The current AP U.S. History instructor needs to sign off on the course request form to verify that the prerequisites for the course have been met. The recommended course size is 25 students. No course overrides will be accepted if class seats are filled by students who have met the prerequisites.

Seton Hill University: Juniors and Seniors in AP US History may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs. Through this program students may earn 3 credits for SHU course SHY 103 - AP US History. Grades posted to SHU are without the 10% additive for Neshannock High School Advanced



## SOCIAL STUDIES - COURSES OFFERED

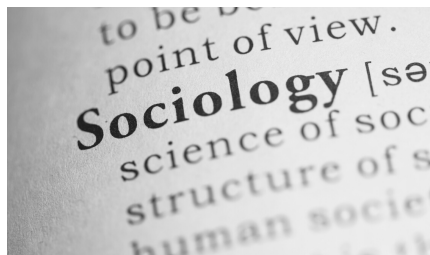
### Psychology No. H226

Elective: 12

This is a semester course, full time, ½ credit course.

Psychology is an elective course for seniors. Psychology is the scientific study of behavior that is tested through scientific research. This course is a basic introduction to Psychological concepts. The students will study human behavior from the perspective of social and natural sciences. As a social science, we will explore the influences of society on individual behavior and group relationships. As a natural science, we will explore biological explanations for human behavior. Concepts covered in this course include: the history of psychology, research methods, childhood and adolescence, the nervous and endocrine systems, sensation and perception, motivation and emotion, personality theories, and psychotherapy.

Criteria for Selection: None



### Sociology No. H227

Elective: 12

This is a semester course, full time, one-half credit course.

Sociology is an elective course that can be taken by seniors. This introductory course focuses on the basics of sociology. Sociology is the study of social life, social change, and the social causes and consequences of human behavior. The sociological perspective examines society from the perspective of the group. Through the use of the scientific method, students will learn to think critically and to be objective when applying sociological principles to everyday events, issues, and problems. Topics included are the sociological perspective, culture, deviance, and social institutions.

Criteria for Selection: None



### AP Economics No. O418

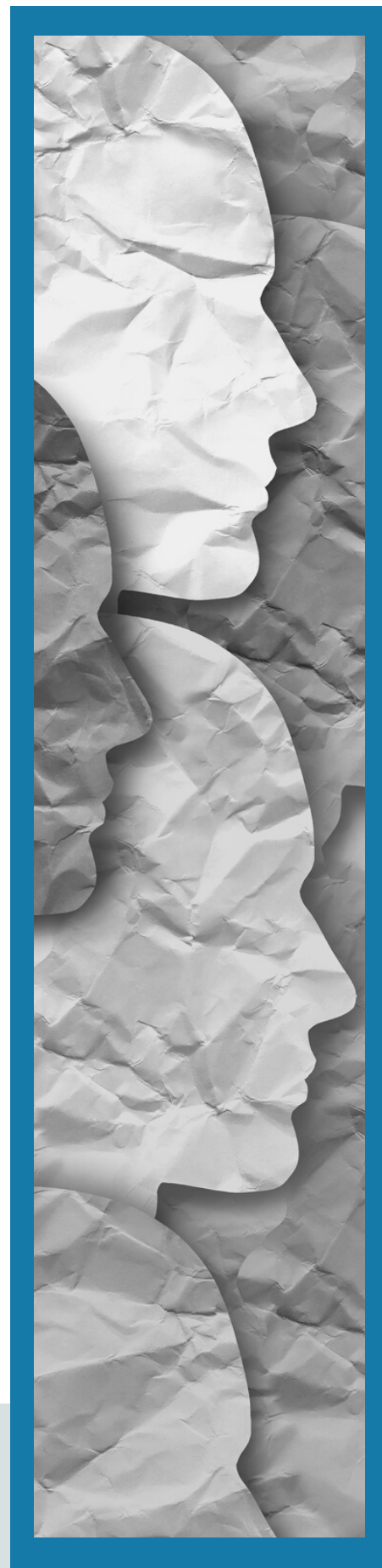
Elective: 11, 12

This is a full year, full time, one credit course.

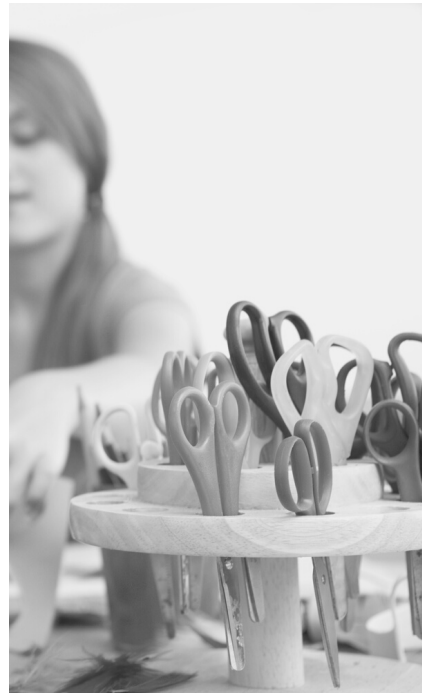
This course is an in depth examination of Microeconomics. In addition to preparing students to take the Advanced Placement Exam, this course is designed to give students a greater understanding of how scarcity affects resource allocation and decision-making process of producers and consumers. Students will study and apply various economic theories and analyze concepts such as supply and demand, price determination and elasticity. Please note that all students taking the course are required to take the Advanced Placement exam at the end of the school year. This course is open to seniors and junior with permission.

Criteria for Selection: Must achieve a 95% or higher in their junior or sophomore year social studies course.

Seton Hill University: Juniors and Seniors in AP Economics may elect to enroll in the Seton Hill University College within the High School Program. Students/parents (or guardians) are responsible for any applicable costs. Through this program students may earn 3 credits for SHU course SEC 101 – AP Economics. Grades posted to SHU are without the 10% additive for Neshannock High School Advanced Placement courses. Students must obtain a final grade average of 70% or higher (without the 10% additive) to be awarded SHU credit.







# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12



## TEACHER ASSISTANT



### COURSE OFFERED

#### Teacher Assistant

#### No. X907

Elective: 12

This is a full year, full time, one credit course available to in-person students only.

This supervised course is for seniors interested in the learning process and who are considering education as a career goal. Teacher Assistants must be willing to spend one assigned period per day helping students who may require extra assistance in their learning as well as assisting teachers at Neshannock in their classrooms with daily activities and projects.

Included in the consideration for acceptance into the class is the attendance and discipline record of the student. As a general rule, students with more than 10 days of absence per year will not be accepted unless the absences were for an extended illness or accident. Students with more than one discipline write up may also not be considered.

Daily participation in this course will be mandatory and the majority of the student's grade is based on this criteria. The elementary junior high, and high school students, as well as the teachers, count on the Teacher Assistants to be in attendance each day.

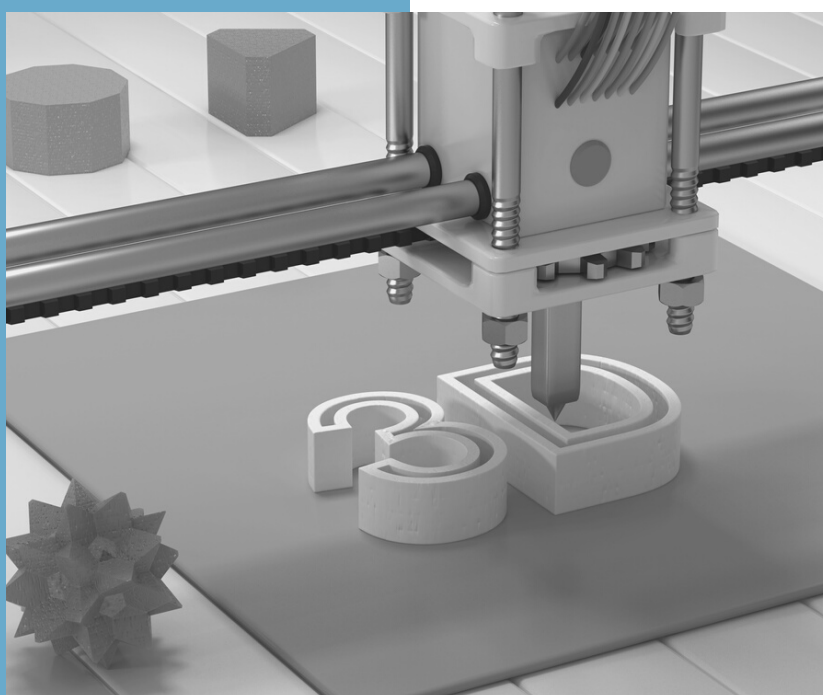
This course will require students to complete at least one bulletin board project and at least three mandatory 10th period activities throughout the school year. The 10th period activities will be designed by a team of teacher assistants with a focus on building communication and social skills in younger students and the teacher assistants will teach their activity to a group of students.

Teacher Assistants must complete a Teacher Assistant application and contract prior to being assigned to a classroom or faculty member (teacher).

\*If attendance issues arise during the school year, the teacher assistant may be reassigned to a study hall.

Criteria for Selection: Minimum cumulative QPA, grades 9-11, must be 80% and you must complete a Teacher Assistant application. \*You may pick up the application from or Mrs. DeVincis.







NTSD| 2023-2024

# PROGRAM OF STUDIES

COURSE DESCRIPTION GUIDE | GRADES 9 - 12

## COURSE OFFERED

Computer Aided  
Drafting & Design  
No. A740

Robotics and Automation  
No. A741

Engineering by Design  
No. A742

Architectural Design  
No. A743

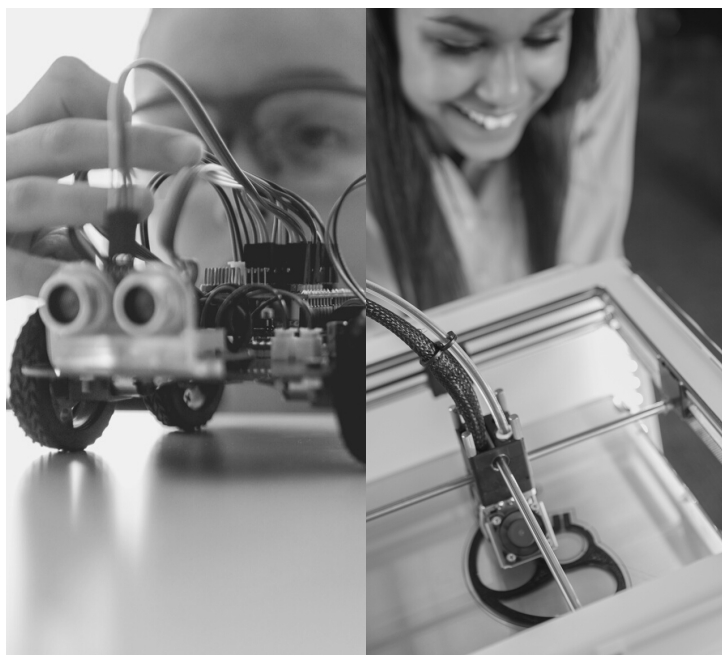
Maker Lab  
Invent, Design, & Create  
No. A900

Yearbook I  
No. X908

Yearbook II  
No. X916

Yearbook III  
No. X917

## TECHNOLOGY EDUCATION



## TECHNOLOGY EDUCATION - COURSES OFFERED

### Computer Aided Drafting and Design No. A740

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

This STEM course is an introduction into Computer Aided Drawing and Design. Students will use various design software products such as or similar to AutoCAD, AutoCAD WEB, Onshape, Fusion, and/or Inventor. Students will develop Technological literacy and manage computer aided drawing software to solve technological design problems. They will utilize the Engineering Design Process to pursue projects focusing on invention and innovation. Students will complete both drawings and projects to develop capabilities to solve technological challenges and improve products for the way we live. Classroom learning experiences will strengthen problem solving and critical thinking skills. Some projects for Neshannock Online Campus students may be substituted or adapted when necessary.

Criteria for Selection: None

### Robotics and Automation No. A741

Elective: 10, 11, 12

This is a full-year, full time, one credit course available to in-person students only.

This STEM course is designed to introduce students to robotics and basic programming. Students will learn to design and operate automated machines to make prototype objects. The students will incorporate Engineering Design Principles, computer design software, and use the software to control automated devices. The area of study will cover the Personal and Social Perspectives of Automation, Abilities of Technological Design, Motion and Forces and Scientific Inquiry. Problem Solving and Critical Thinking Skills will be reinforced through manipulation and integration of technological products and systems commonly found in our modern homes, transportation, entertainment and workplace.

Criteria for Selection: CADD is a Prerequisite

### Engineering by Design No. A742

Elective: 10, 11, 12

This is a full year, full time, one credit course available to in-person students only.

Students are provided with problem solving activities integrating Science, Technology, Engineering and Math (STEM). Students will develop models or prototypes using the 3D Printer and Laser Engraving machines. Examples of STEM activities might include land, space and marine transportation systems, bridge building, and power transmission devices. Students will research, design, develop, prototype, and test projects utilizing various methods. Emphasis will be placed on making the connection to in-school and out of school STEM opportunities.

Criteria for Selection: CADD is a prerequisite for this course

### Architectural Design No. A743

Elective: 10, 11, 12

This is a full year, full time, one credit course available to in-person students only.

This course is an introduction into the inventions and innovations of architectural design using Autodesk products (Autodesk Architecture or Revit). Students will receive an overview of structural design, architectural styles, construction methods, and building codes. Students will complete small scale architectural drawings such as residential homes, garages, and sheds. STEM careers associated with Architecture and related industries will be addressed throughout the course.

Criteria for Selection: CADD is a prerequisite for this course.

### Maker Lab: Invent, Design, and Create No. A900

Elective: 11 and 12

This is a full-year, full time, one credit course available to in-person students only.

This course is developed to give students an opportunity to explore, invent and design. Students will concentrate on an area of their own interest to develop a prototype product. Students will be encouraged to select a project related to their own interest that relates to their post high school career path. Some limitations will be experienced related to individual ability and expertise, tools, machines and materials that can influence and impact their design. Technologies such as Computer Aided Drawing and Design, Laser Engraving, 3D printing, and Electronics will provide students with modern technology to solve real world problems. Students will be provided an opportunity to complete projects related to STEM/Engineering based competitions. The class would operate on the makerspace concept and prepare the students for and give them time to work on competition projects during the school day.

Students must declare a timeline to complete or develop a full product based upon quarter term, semester, or full-term. Please note: this course is self-paced and self-motivated in order to provide students the flexibility to pursue individual interests. Expectations will certainly be focused on the student becoming a self-learner with the teacher's role being a facilitator and coach. Because students are designing their own personal products, they might be required to purchase specialty materials or equipment to complete their individual projects.

Criteria for Selection: CADD plus (either) Robotics and Automation or Engineering by Design are required to take this course.

Having a background in both classes is necessary to use the technology and equipment necessary to complete the projects.

### Yearbook I No. X908

Elective: 10 if NOT a 3rd elective, 11, 12

This is a full year, full time, one credit course.

This course will introduce students to the entry level skills of producing the school yearbook from start to finish. Students will be using computer programs to edit photos and the yearbook publisher's website to design the yearbook. Students are responsible for acquiring photos for use in the book. Students will market and distribute the yearbook. This course is not available for Online Campus.

Criteria for Selection: Basic computer and photography skills. Students must complete an application and be approved by the teacher.

### Yearbook II No. X916

Elective: 11, 12

This is a full year, full time, one credit course

This course will continue to build on the skills acquired in Yearbook I to produce the school yearbook from start to finish. In Yearbook II, the students will be paired with Level I students to build their teamwork skills. This course will also include developing survey and interview skills, editing processes and procedures, and junior editor roles and responsibilities. This course is not available for Online Campus.

Criteria for Selection: Completed Yearbook I at 70% or above. Students must complete an application and be approved by the teacher.

### Yearbook III No. X917

Elective: 12

This is a full year, full time, one credit course

This course will continue to build on the skills acquired in Yearbook I and II to produce the school yearbook from start to finish. In Yearbook III, the students will be paired with level I and/or II students to build their leadership skills. This course will also include developing project management skills including scheduling, time management, problem solving and budget planning. At this level students will also be assigned sr. editor roles and responsibilities. This course is not available for Online Campus.

Criteria for Selection: Completed Yearbook I and II at 70% or above. Students must complete an application and be approved by the teacher.

# PROGRAM OF STUDIES

## SUPPORT SERVICES FOR STUDENTS WITH INDIVIDUAL EXCEPTIONAL NEEDS

*In the State of Pennsylvania, Chapter 14 of the Department of Education School Code identifies the following support services provided in public schools for exceptional learners: Learning, Emotional, Speech & Language, Blind or Visually Impaired, Hearing, Autism, Multi-Disabilities, Occupational Therapy, and Physical Therapy.*

*In an effort to meet the individual needs of students manifesting one or more of the exceptionalities listed in Chapter 14, the NTSD has adopted a plan for locating and identifying students that are thought to be exceptional and in need of specially designed instruction. After a student has completed the screening and evaluation processes, the NTSD Individualized Education Plan (IEP) Team will then meet to determine the student's individual needs through the development of an IEP.*

*First and foremost, the development of the IEP reviews all areas of support that are deemed necessary for an identified child to be successful in the mainstream of the regular curriculum. The IEP team will develop and maintain a plan that moves on a continuum from the least restrictive intervention to the most restrictive intervention, based on the needs of the child.*

*It is the responsibility of each public agency to ensure that to the maximum extent appropriate, students with disabilities, including those in public or private institutions or other care facilities, are educated with children who are non-disabled. Special classes, alternative school locations, or decisions to place students with disabilities outside the regular education environment occurs only when the nature or severity of the disability is such that education in the regular classroom, cannot be achieved satisfactorily; even with the use of supplementary aids and services.*

## SPECIAL EDUCATION

Those students who have Individual Education Programs may visit the resource room during study halls or as determined by the teacher of record during class. Students will receive support on assignments and/or participate in test preparation.





## SPECIAL EDUCATION - COURSES OFFERED

### Mindfulness No. R046

Elective Course: 9, 10, 11, 12

This is a full year, full time, one credit course with option of full time, part time, for ½ credit.

The goals of this course are to help students understand and develop the skills necessary to have better social skills and emotional regulation, coping skills, time management skills, focus, self-esteem, and increase self-advocacy. Topics include, but are not limited to, effective communication, learning strategies, staying organized, reasoning and problem solving, post-secondary education and trade school opportunities, and career exploration. Students will use a variety of online resources in many of their learning activities and will participate in group activities to promote collaboration skills. Guest speakers will also be included.

The course is designed to help promote independence as students' transition into adulthood.

Criteria for Selection: The class is available for students in grades 9-12 based on the need for specially designed instruction and special education teacher and LEA recommendation.

### Power of Words No. R048

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

The goals of this course are to help special education students, who have comprehension and/or fluency goals in their IEP, increase fluency, vocabulary, and comprehension skills. Students will read a variety of short stories, articles, and novels so that they can become more confident and successful readers.

Students will collaborate and actively think about what they read to build problem solving skills and communication skills.

The course is designed to help promote independence as students' transition into adulthood and help better prepare students for post-secondary training, post-secondary education, and employment.

Criteria for Selection: The class is available for students in grades 9-12 based on the need for specially designed instruction and special education teacher and LEA recommendation.

### Exploration Earth No. R044

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

The goal of this course is to help special education students, who are in need of a simplified science curriculum. Students will be exposed to a variety of science topics such as matter, simple machines, living vs. nonliving, planets, hot or cold, and the 5 senses. Students will become familiar with the language and vocabulary of these topics. They will also build comprehension skills by applying what they learned to answer prompted questions. Students will actively engage in a hands-on learning environment by participating in experiments. The experiments throughout the course allow students the opportunity to apply their knowledge and reinforce the topics that they have learned.

This course is designed to promote an active and engaging learning environment. The purpose of this course is to allow students to understand these challenging concepts of science at their level and pace.

Criteria for selection: The class is available for students in grades 9-12 based on the need for specially designed instruction and special education teacher and LEA recommendation.

### Freedom and Responsibility No. R044

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

The goal of this course is to help special education students, who are in need of a simplified social studies curriculum. Students will be exposed to a variety of topics such as map skills, traffic signs, cities, community helpers, and our presidents and leaders. Students will become familiar with the language and vocabulary of these topics. They will also build comprehension skills by applying what they learned to answer prompted questions. These concepts focus on social studies while teaching an understanding of community resources. This course also targets student development and understanding of what it means to be a good citizen of the real world around them.

This course is designed to promote an active and engaging learning environment. The purpose of this course is to allow students to understand these challenging concepts of social studies at their level and pace.

Criteria for selection: The class is available for students in grades 9-12 based on the need for specially designed instruction and special education teacher and LEA recommendation.

### Transition No. R045

Elective: 9, 10, 11, 12

This is a full year, full time, one credit course.

The goal of this course is to allow students to have the opportunity to practice skills to promote independence. These skills include both job skills and independent living skills. Students will engage in job exploration, self advocacy, and workplace readiness. Through these topics they will develop personal strengths, interests, and preferences. This allows students to have a deeper understanding of realistic future employment opportunities.

The purpose of this course is to help students develop the necessary skills for a successful transition to adult life.

Course activities may include community based instruction.

Criteria for selection: The class is available for students in grades 9-12 based on the need for specially designed instruction and special education teacher and LEA recommendation.



# NTSD| 2023-2024

## SPECIAL EDUCATION

### Itinerant Support

Special Education supports provided by special education personnel for **20% or less** of the school day

### Supplemental Support

Special Education supports and services provided by special education personnel for **more than 20% of the day but less than 80%** of the school day.

### Full-Time Support

Special Education supports and services provided by special education personnel for **80% or more** of the school day.

### Special Education Programs

The following Special Education programs and services offered by Neshannock Junior/Senior High School:

- Autistic Support
- Blind or Visually Impaired Support
- Deaf and Hearing Impaired Support
- Emotional Support
- Gifted Support
- Learning Support
- Speech and Language Support
- Multiple Disabilities Support
- Life Skills, 7-12
- Community Based Instruction

### Related Services

The following Related Services offered by Neshannock Jr/Sr High School:

- Occupational Therapy Support
- Physical Therapy Support
- Adaptive Physical Education
- School Health Services
- School Nurse Services
- Psychological Services
- Counseling Services



### Gifted Programming

As defined by Chapter 16 in the PDE school code, the NTSD has adopted a plan for locating and identifying students that are thought to be gifted and in need of specially designed instruction. After a student has completed the screening and evaluation processes, the NTSD Gifted IEP Team will then meet to determine that a student's individual needs are met through the development of a Gifted IEP (GIEP).

The development of the GIEP will consider enrichment, acceleration, and dual enrollment options for the identified student.

### Enrichment Strategies

Enrichment strategies may include, but are not limited to, opportunities such as:

- Participation in local academic games and competitions. These games may be locally, regionally, and/or nationally sponsored.
- Activities that permit the student to extend content mastered within his/her general curriculum.
- Specific opportunities might include discussion groups, book clubs, hard (traditional library) or soft (electronic) research and/or investigation.
- Participation in alternative forms of assessment such as a speech, performance demonstration, independent project, etc.

### Acceleration Strategies

Acceleration strategies will be considered on an individual basis. When considering acceleration options, students must successfully meet the defined prerequisite criteria/courses. Gifted students should discuss acceleration options with his/her counselor, principal, and GIEP team.

### Dual Enrollment

Dual enrollment involves participation in a plan that facilitates the gifted student meeting high school graduation requirements at Neshannock while also completing college classes at a local institution. Participation in a dual enrollment plan requires thorough planning with the student's counselor, principal, GIEP team, and parent/guardian.

### Gifted Services and Support Services

For additional information on Gifted Services and/or Support Services available through the Neshannock Township School District, please contact the Special Education Office.

724-658-4793,  
ext. 5107

NTSD.org/  
special-education





# STUDENT ACTIVITIES & ATHLETICS

## STUDENT ACTIVITIES

Band  
Bible Club  
Choir  
Club Hope  
Community Art Club  
Culinary Arts Club  
Dungeons and Dragons Club  
Future Business Leaders of America  
Foreign Exchange Service  
Forensics  
Front Office Runner  
Governor's STEM Competition  
Junior Class Officers  
Junior High Student Council  
Library Aide  
National Honor Society  
Peer Leadership  
Rotary Interact Club  
Senior Class Officers  
Ski Club  
Student Government  
Superintendent's Advisory Council  
Technology Student Association  
Video Game Club  
YSU English Festival

*Please contact Mr. Passarelli, Mrs. Measel, or Mrs. Flannery with questions regarding student activities.*

## ATHLETICS

Junior Varsity Football  
Varsity Football  
Boys' Soccer  
Volleyball  
Golf (Coed)  
Cross Country (Coed)  
Boys' Basketball  
Girls' Basketball  
Boys' Swimming\*  
Girls' Swimming\*  
Diving\*  
Baseball  
Bowling\*  
Softball  
Girls' Tennis  
Boys' Track  
Girls' Track

### ATHLETIC DIRECTORS

Bob Burkes  
724-658-5513, ext. 2216

Ed Frye  
724-658-5513, ext. 2217

*\*These are not actual sponsored teams at Neshannock but are coordinated by individuals who compete in these sports with other schools and the WPIAL/PIAA.*