

# Newark City Schools

A COMMUNITY OF OPPORTUNITY AND LEARNING



Course Description Book  
2025-2026

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## Newark High School

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### **Main Office**

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## Newark Graduation Requirements

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Graduation requirements include subject area and elective credits AND fulfillment of a graduation pathway as set forth by ODE (this varies based on graduation year). A four-year planning form is provided for freshmen and is available in the School Counseling Office. The purpose of this form is to show you your four years as a whole. Although you may revise your plan each year, it is always wise to have a long-range plan.

### All classes

#### Required Credits

The chart on the next page is intended to provide a ready-reference for students and parents in the development of a four-year plan for the student's high school program of studies. The minimum requirements conform to those set forth by the state legislature, which governs the criteria for earning a high school diploma in the state of Ohio. The credits recommended for college entrance are derived from those set forth by Board of Regents of Ohio for state universities, together with those of many popular colleges.

Families should consult the catalogs or websites of specific colleges and universities to assure the student is fully prepared for admission to his/her school of choice. Similarly, students interested in continued education in a technical or business field should consult available resources for requirements specific to those institutions.

Athletes interested in pursuing college scholarships should also plan their programs very carefully. NCAA Division 1 and Division 2 scholarships are granted only to those who meet very specific high school requirements. You may download the NCAA Guide for the College-Bound Student-Athlete at <https://web3.ncaa.org/ecwr3>.

#### English

Four credits of English are required. Students may take additional courses at any time but are encouraged to be enrolled in English every year, including their senior year.

#### Mathematics

Four credits of mathematics are required, including successful completion of Algebra 2 (or equivalent). Most students will take Algebra, Geometry, Algebra 2 and an additional math course such as Pre-Calculus, Mathematical Modeling and Reasoning, Probability and Statistics, Consumer Algebra, or one of our math electives.

#### Science

Three credits of science are required, including Physical Science and Biology. The third credit may be fulfilled by taking a Chemistry course, Earth and Environmental Science, Anatomy and Physiology, Material Science and Forensic Science, or Physics.

#### Social Studies

Three credits of Social Studies are required. These courses must be a World History, an American History, and a Government course.

#### Financial Literacy

One semester of Financial Literacy is required for the graduating class of 2026 and beyond.

## Health & Physical Education

One semester of health and two semesters of physical education are needed to fulfill the requirement in HPE. Typically Health and PE are taken in the 9<sup>th</sup> or 10<sup>th</sup> grade years.

## Physical Education Waiver

Students who have participated in District-sponsored interscholastic athletics, marching band, cheerleading, or ROTC for at least two (2) full seasons (or years) while enrolled in high school may be excused from the one-half credit of PE. Students electing such an option shall complete one-half credit or more in another elective course in order to still obtain 20 credits for graduation.

A student who has not fulfilled his/her PE requirement prior to the start of his/her senior year will be scheduled into physical education classes.

## Electives

Five credits of electives are required, including one credit of Fine Arts. Elective credits can be earned from any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, English, mathematics, science, or social studies courses beyond those required. Additional PE courses beyond the required ½ credit cannot count towards elective credit or graduation.

<b>NHS Graduation Requirements</b>	
<b>Area</b>	<b>Credit</b>
English	4
Math	4
Science	3
Social Studies	3
Financial Literacy*	0.5*
Health	0.5
Physical Education	0.5
Fine Arts	1
Other Electives	4 (3.5*)
<b>Total</b>	<b>20</b>

\*The Financial Literacy requirement for graduation starts with the graduating class of 2026. The one-half credit earned for Financial Literacy will reduce the number of other electives needed to 3.5 credits. The total number of credits needed to graduate will not change due to the addition of the requirement to take Financial Literacy.

\*\*Additional College Recommendations: Most four-year colleges/universities encourage four credits of science and two or three years of the same foreign language. Highly selective colleges look for the most rigorous course selection across all content areas (AP and Enriched courses included).

## Pathways to Graduation

ODE state requirements for graduation include state testing, graduation seals, and classwork.

## Early Graduation Policy

Students who will meet graduation requirements prior to the end of their senior year, may apply for early graduation. Sophomores may apply at the end of their 10th grade year, if they will meet all graduation requirements in three years. These students should have earned at least 15 credits by the end of their sophomore year. Juniors who will meet graduation requirements by end of summer school before their senior year or after the first semester of their senior year may also apply for early graduation. Juniors should have earned at least 17 credits before applying. Students should be on track to earn the needed number of points on their End-of-Course Exams. First semester early graduates are reminded: If you do not complete graduation requirements at the semester, you must schedule a full school day for the second semester.

## State Requirements

### State Testing Competency Requirements

(Replaces Ohio's State Tests)

Students must show competency through one of four different options as set by the Ohio Department of Education.

1. **State testing-** All students will take an end-of-course exam in Algebra 1 and English 10 in the spring semester. Students must earn a passing score on both exams to show competency. The chart below lists the score range and passing scores for both exams:

Exam	Score Range	Passing Score
Algebra 1	618-814	684
English Language Arts 2	597-808	684

2. **College Credit Plus-** Students can show competency by earning college credit in one English course and one math course.
3. **Industry Credential-** Students can show competency by completing two of the following activities from the chart below (at least one activity must be foundational):

Foundational Activities	Supporting Activities
Proficient WebXams scores	Work-based learning
Earn an industry credential worth 12 points	Proficient WorkKeys scores
Complete a pre-apprenticeship program or show proof of acceptance into an apprenticeship program	Earn the OhioMeansJobs Readiness Seal

4. **Military Readiness-** Students can meet the competency requirement by signing a contract to enter a branch of the United States Armed Forces upon graduation from High School

## Graduation Seals

Students must earn at least two graduation seals to graduate. There are nine state-defined seals and three district-defined seals; at least one of the earned seals must be state-defined. Seals and their requirements are listed below:

### State-Defined Seals

1. **Citizenship Seal** (complete one of the following)
  - Earn a score of proficient (3) on the US History and Government End of Course Exams
  - Earn a B or higher grade in both US History and US Government courses
  - Earn a score equivalent to proficient (2) on an AP social studies test
  - Earn a B or higher grade in a College Credit Plus social studies course
2. **Science Seal** (complete one of the following)
  - Earn a score of proficient (3) on the Biology End of Course Exam
  - Earn a B or higher grade in an advanced science course
  - Earn a score equivalent to proficient (2) on an AP science test
  - Earn a B or higher grade in a College Credit Plus science course
3. **Technology Seal** (complete one of the following)
  - Complete one credit of technology courses (see page 27)
  - Earn a score equivalent to proficient (2) on an AP technology test
  - Earn a B or higher grade in a College Credit Plus technology course
4. **Honors Seal**
  - Meet the requirements for an honors diploma (see page 6)
5. **College Ready Seal**
  - Earn a remediation-free score on the ACT or the SAT (see previous page)
6. **OhioMeansJobs Readiness Seal**
  - Meet the requirements to earn the OMJ Readiness Seal. The rubric for earning this seal can be found at

education.ohio.gov/Topics/New-Skills-for-Youth/SuccessBound/OhioMeansJobs-Readiness-Seal

-Students at NHS can earn this seal through the Rise Up Program. See your School Counselor for details.

7. Military Enlistment Seal (complete one of the following)
  - Complete two years of participation in JROTC
  - Sign a contract to enter a branch of the US Armed Forces upon graduation from high school
8. Industry-Recognized Credential Seal
  - Earn a group of credentials totaling 12 points in a single career field. A list of credentials and their points can be found at [education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Industry-Recognized-Credentials/Industry-Recognized-Credentials-by-Career-Field](http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Industry-Recognized-Credentials/Industry-Recognized-Credentials-by-Career-Field)
  - Students at NHS can earn this seal through the Rise Up Program. See your School Counselor for details.

#### **District-Defined Seals**

1. Community Service Seal
  - Complete 40 hours of approved community service. Community service hours must be signed off by a non-family supervisor and filed with the school counseling office.
  - Students should seek approval from their counselor *before* beginning any community service hours.

2. Fine Arts Seal (complete one of the following)
  - Complete two credits of visual or performing fine arts
  - Participate in two high school drama productions
3. Student Engagement Seal
  - Complete at least two years/seasons or active participation (as determined by the club advisor/coach) in a school recognized student organization or sport.

#### **All Classes**

##### **Transfer Credit**

Students who enroll from other schools to Newark High School will receive credits for courses documented on an official transcript, however the GPA from their previous school does not transfer.

##### **Credit for Middle School Classes**

Students can earn high school credit for taking Algebra in middle school. Students and parents should understand that this grade counts towards the student's high school GPA.

One semester of high school PE (1/4 credit) can also be earned during 8<sup>th</sup> grade only.

##### **ACT Testing**

All juniors will participate in the ACT test. This test will be offered on one date in the spring.

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## Honors

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### Honors Diploma

#### Previous honors diploma requirements

Students in the class of 2023, 2024 and 2025 still have access to the previous requirements (as follow) to earn an honors diploma.

Students must meet all but one of the following criteria. Students must meet general graduation requirements to qualify for honors diplomas.

Math	4 units*
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale
<i>GPA – GPAs must be calculated on an unweighted 4.0 scale.</i>	
ACT/SAT	ACT: 27 or higher/ SAT: 1280 or higher

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, College Credit Plus and Credit Flexibility coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

**\*Math** – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

**Science** – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy).

**Social Studies** – Students may get credit for both an American History course and/or the Advanced Placement or International Baccalaureate American History course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

**World Language** – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements.

If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two

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sequential, proficiency-based units in two different languages.

**Fine Arts** – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses.

**GPA** – GPAs must be calculated on an unweighted 4.0 scale.

**ACT and SAT score requirements** – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found [here](#), and further information can be found on the [College Board's website](#). The ACT writing and SAT essay sections are not included.

### **New Honors Diploma Requirements**

The Ohio Department of Education, in consultation with a group of stakeholders and the State Board of Education, has updated the requirements for honors diplomas beginning with the class of 2026. This group of stakeholders met in 2022 to update the requirements for all six honors diplomas. Stakeholders included school counselors, teachers, school administrators, students, and parents. Students who entered high school on or after July 1, 2022 will be required to meet the new honors diploma requirements. Beginning with any student in the class of 2023, and including students in the class of 2024 and 2025, students may use these new options, but

may also use the previous requirements to earn an honors diploma.

High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. To meet honors diploma requirements, students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences.

Ohio students have the opportunity to choose to pursue one of six honors diplomas:

[Academic Honors Diploma](#)  
[International Baccalaureate Honors Diploma](#)  
[Career Tech Honors Diploma](#)  
[STEM Honors Diploma](#)  
[Arts Honors Diploma\\*](#)  
[Social Science and Civic Engagement Honors Diploma](#)

*\*includes dance, drama/theatre, music and visual art.*

### **Academic Honors Diploma New Honors Diploma Requirements**

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration."

The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

## ACADEMIC HONORS DIPLOMA

Requirements	State Minimum
<b>1</b> Math	Fourth math must be > Algebra 2
<b>2</b> Science	One additional unit Advanced Science
<b>3</b> Social Studies	One additional unit Social Studies
<b>4</b> World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
<b>5</b> GPA	3.5 on a 4.0 scale
<b>6</b> ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
<b>7</b> Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
<b>8</b> Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

\*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning.

### STEM Honors Diploma New Honors Diploma Requirements

High school students can gain state recognition for exceeding Ohio's graduation requirements

through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

## STEM HONORS DIPLOMA

Requirements	State Minimum
<b>1</b> Math	Fourth math must be > Algebra 2
<b>2</b> Science	One additional unit Advanced Science
<b>3</b> Electives	Two units of additional STEM Courses as electives
<b>4</b> World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
<b>5</b> GPA	3.5 on a 4.0 scale
<b>6</b> ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or

Requirements	State Minimum
	higher
<b>7</b> Industry-Recognized Credential Seal or Fine Arts Seal	Meet requirements to earn the Industry-Recognized Credential Seal or Fine Arts Seal**
<b>8</b> Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning

\*\* The option of earning the Fine Arts Seal is currently in review to be replaced by the Technology Seal. More information to come after review process is complete.

### Arts Honors Diploma New Honors Diploma Requirements

High school students can gain state recognition for exceeding Ohio’s graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a “Student Strength Demonstration.” The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

### ARTS HONORS DIPLOMA

Requirements	State Minimum
<b>1</b> Math	Fourth math must be > Algebra 2
<b>2</b> Fine Arts	Four units
<b>3</b> Electives	Two units of Fine Arts (may overlap with general four units)
<b>4</b> World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
<b>5</b> GPA	3.5 on a 4.0 scale
<b>6</b> ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
<b>7</b> Fine Arts Seal	Meet local district requirements to earn the Fine Arts Seal
<b>8</b> Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning

**Social Science and Civic Engagement Honors Diploma**  
**New Honors Diploma Requirements**

High school students can gain state recognition for exceeding Ohio’s graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 3, 4 or 5 with a “Student Strength Demonstration.” The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

**SOCIAL SCIENCE AND CIVIC ENGAGEMENT HONORS DIPLOMA**

Requirements	State Minimum
<b>1</b> Math	Fourth math must be > Algebra 2
<b>2</b> Social Studies	Two additional units of Social Studies
<b>3</b> World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied

Requirements	State Minimum
<b>4</b> GPA	3.5 on a 4.0 scale
<b>5</b> ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
<b>6</b> Community Service Seal	Meet local district requirements to earn the Community Service Seal
<b>7</b> Citizenship Seal	Meet the requirements to earn the Citizenship Seal
<b>8</b> Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning

**Student Strength Demonstration Replacement**

Students can use the [Student Strength Demonstration](#) to replace one of either the **ACT/SAT, GPA or World Language** requirement for any [Honors Diploma](#). The Student Strength Demonstration options are listed below. The same options exist for each diploma\* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Social Science and Civic Engagement Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Social Sciences or Civics.

#### OPTIONS:

[College Credit Plus](#): 12 total College Credit Plus credit hours

[Advanced Placement](#): Three courses with score of 3 or higher on AP tests

[Career-Technical Assurance Guide](#) (CTAG): Eligible to earn 12 total articulated credits

[Apprenticeship/Pre-Apprenticeship](#): Completion or Evidence of Acceptance if required to be older than 18

[WorkKeys](#): Score of 6 or higher on all tests (void for Career-Tech Honors Diploma)

[Armed Services Vocational Battery](#): Score of 50

[Work-Based Learning](#): 250 hours

#### Additional Information

To be eligible, students must complete units, or credits, in specific subjects (see above chart).

They can use Advanced Placement,

International Baccalaureate, [College Credit](#)

[Plus](#) and [Credit Flexibility](#) coursework to meet

the coursework requirements of an honors

diploma. A single course can meet multiple

criteria if it fits under multiple subject areas.

Students also can design their own independent

study courses. This requires that someone with

proper licensure in the subject area must teach

or co-teach the courses used for an honors

diploma.

#### MATH:

Students must take algebra 1, geometry, algebra 2 (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

#### SOCIAL STUDIES:

Students may get credit for both an American history course and/or the Advanced Placement, International Baccalaureate or a College Credit Plus American history course. This also applies for modern world history courses and American government courses.

#### WORLD LANGUAGE:

Only credits from courses that are sequential, and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements. College Credit Plus courses must continue - not repeat - the learning sequence already completed. High school levels I and II need to be followed by a second level College Credit Plus course minimally to continue the proficiency growth sequence.

If a student opts to complete this criterion by taking **two units each of two world languages studied**, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

#### GPA:

GPAs must be calculated on an unweighted 4.0 scale.

#### ACT AND SAT SCORE REQUIREMENTS:

Students must have scores of 27 or higher on the ACT or 1280 or higher on the SAT or their equivalents on previous or future versions of the tests. The ACT writing and SAT essay sections are not included. Students can use a superscore on the ACT or SAT to meet the requirement scores.

#### COMMUNITY SERVICE SEAL:

Students will meet the requirement of the [Community Service Seal](#) by completing a

community service project that meets the guidelines set by the school district board of education or school governing authority.

#### CITIZENSHIP SEAL:

Students will earn the [Citizenship Seal](#) by demonstrating knowledge and skills through course work, on Ohio's State Tests, Advanced Placement and International Baccalaureate courses and tests, or in College Credit Plus coursework.

#### EXPERIENTIAL LEARNING OPTIONS:

Students can earn the experiential learning option by meeting one of the following options: field experience, portfolio, OhioMeansJobs Readiness Seal and work-based learning.

#### FIELD EXPERIENCE:

To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's program of study.

Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented. [Click here for more detailed guidance on field experience](#) .

#### PORTFOLIO:

Work that is contained in a portfolio documents the student's extensive knowledge and technical, critical-thinking and creative skills (representative of the student's honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts. [Click here for](#)

[more detailed guidance on the portfolio criterion](#) .

#### OHIOMEANSJOBS READINESS SEAL:

To earn the [OhioMeansJobs-Readiness Seal](#), motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community.

#### WORK-BASED LEARNING:

[Work-based learning](#) experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.

### **President's Award for Educational Excellence**

To receive the President's Award for Educational Excellence, the student shall be required to meet the following criteria:

A cumulative GPA of 3.5 or higher through the 1<sup>st</sup> semester of senior year.

High achievement in reading or math on a state test (End of Course test, 5 points), ACT (27), or SAT (640).

-OR -

Recommendations from a teacher and an additional staff member. The teacher recommendation is to reflect outstanding achievement in academic areas such as English, mathematics, science, history, art, foreign language, etc. This recommendation is to be supported by tangible evidence comprised of either results from teacher-designed tests, portfolio assessment, or special projects. The second recommendation from a school staff member may address, for example, community service or co-curricular activities including tutoring students and/or demonstration of creativity and achievement in the visual and performing arts.

### **Academic Awards**

Students may earn academic awards for any given year by maintaining a 3.5 grade point average each of the first three grading periods at Newark High School. For students taking CCP classes, please be aware that grades will figure into the first and second grading period, based on your semester grade for the class. Because academic awards are presented before most CCP classes are complete, the third nine weeks CCP grades will not figure into the GPA for that semester, unless the student provides a grade print out of their CCP grades dated between March 1 – April 1 to the Principal by April 1. Students graduating with a 3.5 or higher cumulative GPA (at the end of first semester senior year) will receive a medallion to wear at graduation.

## **National Honor Society**

Newark High School's chapter of National Honor Society recognizes students who exhibit scholarship, leadership, service and character. Students with a cumulative GPA of 3.5 or higher after their sophomore year are eligible to become members. Every fall, eligible juniors and seniors can pick up an information packet, fill it out and return it with two letters of recommendation and documentation of 10 community service hours. The faculty council evaluates the packets and selects new members based on the four pillars of National Honor Society – scholarship, leadership, character and service. Selected candidates are inducted in a formal ceremony in October. As a member, students are then expected to maintain their GPA, perform additional service, and participate in the activities of the chapter.

## **Honors Designations**

Students will be recognized for their academic achievement using the following honors system:

*Summa Cum Laude* will be awarded to those students who maintain a 4.1 or higher through the end of their 7<sup>th</sup> semester.

*Magna Cum Laude* will be awarded to those who maintain a 4.0 or higher through the end of their 7<sup>th</sup> semester.

*Cum Laude* will be awarded to those who maintain a 3.5 or higher through the end of their 7<sup>th</sup> semester.



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## *Scheduling Guidelines and Academic Policies*

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### **Course Planning**

This Course Description Book is designed to help you plan your high school program of study. Graduation requirements are outlined, level placement is addressed, and related policies are explained. Descriptions are provided of the numerous courses offered at Newark High School with specific prerequisites listed so you know whether or not you qualify to take a given course. This book also contains information about the many special programs available to our high school students.

Course planning decisions need to involve the student, teachers, counselors, and parents. Future goals and personal objectives and interests must always be kept in mind. The faculty and counselors will recommend specific courses for individuals depending upon assessed academic potential and past achievement records. During the registration process multiple opportunities exist for students and parents to gather information. You are strongly urged to get the information needed to be ready to select future courses in January. Requests to change course choices after that time are strongly discouraged and sometimes not possible.

As a reminder, Graduation Requirements are a minimum level of achievement. Most students will generally schedule more courses each year and graduate with more than 20 credits. A recommended Course Flow Chart is included in addition to a course planning sheet.

### **Scheduling Notes**

As you plan your course selections, consider your choices carefully because those choices have far ranging implications that affect all students. The master schedule of classes is developed according to your course selections and designed to accommodate as many student choices as is possible. Changes requested after the master schedule is completed affect its effectiveness and make it very difficult to ensure the maximum availability of courses to other students.

Students who do not return their course selection papers by the prescribed date will have a schedule created for them. It will be based on present courses and academic success. These selections will be extremely difficult to change.

### **Schedule Change Policy**

Students will be given the opportunity in May and throughout the summer to add and drop courses.

**Dropping a course:** Students will have until the tenth day of the semester to drop a course for a study hall if he/she does not already have a study hall that semester. Any courses dropped after this date will receive a WF for the class, which will remain on the official transcript and will be factored into the cumulative GPA.

**Adding a course:** Students will have until the fifth day of the semester to add a course in place of a study hall.

Students may change an elective second semester class providing the request is made prior to Winter Break. These requests will be honored if:

- There is an available seat in the course
- The requested course is offered the same period as the dropped course AND
- The drop does not adversely affect the continuance of the dropped class.

**Level Changes:** A level change is allowed until one week after interims are distributed. This requires a signature from the parent & teacher.

**Teacher Changes:** Due to the constraints of the master schedule, teacher changes and requests cannot be accommodated. If you have concerns about the teacher that is scheduled, please try to contact the teacher to work out any issues. If this cannot be resolved, you may pursue the matter with the building principal.

**ALL SCHEDULE CHANGES MUST BE REQUESTED IN WRITING AND WILL REQUIRE A PARENT SIGNATURE BEFORE THEY ARE CONSIDERED.**

Courses dropped during the semester will receive a withdrawn failing (w/f) grade. Withdrawn failing grades (w/f) will appear on a student's report card and transcript.

**Repeating Courses**

When a student repeats a course, either to improve a grade or to gain credit because of a failure, the transcript will show both attempts and both grades. The higher of the grades earned will become the grade used for the GPA. The repeated course will count toward the minimum load a student must carry and the repeated grade in that course will count for athletic eligibility.

**Early Dismissal Policy**

NHS is offering juniors and seniors the opportunity to leave school after your last scheduled class. Freshmen and sophomores may not have early dismissal. Late arrival is not an option for students.

Those students who are not requesting, or are not granted, early dismissal are expected to be in school for the entire day, including study halls, lunch, and My 700 Project.

To receive and maintain this privilege, a student must:

- Have 15 credits to date as a senior, or 10 credits as a junior.
- Schedule a minimum of 5 classes.
- Have open periods/study halls during the 7th and 8th period times. Schedules cannot be rearranged to accommodate early dismissal.
- Maintain passing grades and no major discipline violations.
- Have a form signed and filed in the School Counseling office.

Students must follow these regulations:

- Must leave the school building immediately following the last period scheduled.
- May not loiter in any area inside the school or on school property, including other school's properties. If returning to school for an after school activity, students may return at 2:45.
- Be responsible for their own transportation. Make arrangements ahead of time for pick up.
- Early release form must be signed by the student and the legal guardian. No exceptions for 18 year olds.

**Late Arrival Policy**

Late arrival is not an option unless a student is enrolled in College Credit Plus courses.

**Transcripts**

Requests for transcripts are made through the counseling office and/or the Records Secretary. Transcripts can also be requested and sent by your counselor through Naviance Family Connections. See your counselor for login information.

## **Advanced Placement (AP) Courses**

Advanced Placement courses are college-level courses with the primary curricular focus of preparing the student to master the Advanced Placement curriculum in that content area. The difficulty of the work, the time and attention demanded, and the cost exceeds that of any high school course. In recognition of those expectations of student commitment, this class receives a weighted grade [A = 5, B = 4, C = 3, D = 1, F = 0]. Students must take the AP exam to receive this weighted grade. Students should obtain a complete understanding of the expectations and requirements of any AP course scheduled. Students will take the AP test in that subject area in May and, depending on the score, may receive college credit for that class. Students must register for each AP test by Nov. 15. There is a \$98 fee (subject to change, set by College Board) for each exam which must be paid prior to sitting for the test.

It is of note that all AP classes require summer work prior to the start of the school year. Students who drop an AP course are not guaranteed a seat in an Enriched class and may have to take a regular or PLATO course instead depending on seat count.

Present AP courses are offered (as enrollment for the courses permit) in:

American History  
American Government  
English 11  
English 12  
Calculus AB  
Statistics  
Computer Science  
Biology  
Chemistry  
Physics  
Psychology  
Spanish  
French  
Art History  
Environmental Science

**AP**

# ADVANCED PLACEMENT (AP) COURSE OFFERINGS AT NEWARK HIGH SCHOOL

AP gives students the opportunity to tackle rigorous academic study while in high school with a supportive, responsive instructor in order to earn college credit and develop mastery-level skills and thinking.

## AP U.S. History

RECOMMENDED FOR STUDENTS ENTERING GRADE 10

AP U.S. History explores the political, economic, social, and cultural development of the United States from its founding to the present day. This course emphasizes the understanding of historical themes, patterns, and connections, using primary sources, documents, and historical analysis to explore key events, individuals, and ideas that have shaped the nation. While this course is content-heavy, students will focus on critical thinking, historical argumentation, and analysis of how past events continue to influence contemporary America. Expect to engage with a wide range of materials, from historical texts to multimedia sources, and develop the skills necessary to assess historical sources and form evidence-based arguments. AP U.S. History is not just about memorizing facts—it's about understanding how the past informs the present and shaping your ability to think like a historian.

**homework:** moderate (e.g., video notes, reading guide timelines, vocab)

**reading:** high but most done in class (a mix of primary and secondary sources, textbook readings, and occasional supplementary materials)

**best suited for:** students who enjoy diving deep into history, are curious about the development of the United States, and enjoy analyzing historical documents, writing essays, and engaging in discussions

## AP Language & Composition

RECOMMENDED FOR STUDENTS ENTERING GRADE 11

AP English 11 focuses on non-fiction and the elements writers use to develop their messages. This course builds on students' knowledge of rhetoric and the various aspects of written communication. Much of class time is spent examining various forms of messaging (essays, speeches, etc.) and critically thinking about the language and choices the author makes to produce an effective message. Close reading, critical thinking, academic maturity, and curiosity about language and writing are important skills for students to bring to this class. Students should expect to read and think independently and be willing to work and improve their own writing and language skills. Students interested in careers in business, advertising, journalism, communication, education, nursing, law, religion, and public relations will benefit from this class.

**homework:** usually reading or writing assignments—most readings are short as they are non-fiction articles, speeches, essays, etc.

**reading:** occasionally nightly reading of 10 pages or so—generally, homework is spread over a number of days to allow students to manage their time

**best suited for:** students who are curious about language, willing to look critically at how messaging is shaped and delivered, and enjoy reading, writing, and discussion

## AP Art History

RECOMMENDED FOR STUDENTS ENTERING GRADE 10, 11, OR 12

APAH is a course that offers a unique perspective into our world's rich and diverse cultural heritage through studying art and architecture from the prehistoric to the present. By investigating a wide variety of artworks, students will not only develop a holistic understanding of art, but they will also learn to apply visual, contextual, analytical, and problem-solving skills while making interconnections across history and the human experience. This class is fairly intense but rewarding.

**homework:** about an hour per night—some nights more / some nights less

**reading:** moderate—we use an online textbook along with many other secondary sources.

**best suited for:** students want to experience world history through an anthropological perspective

## AP U.S. Government & Politics

RECOMMENDED FOR STUDENTS ENTERING GRADE 11

AP U.S. Government & Politics focuses on studying the national government's structure and how the government operates by using real-world discussions. We read and analyze foundational documents like the U.S. Constitution and use that understanding to apply to current events in the American government and society. This course is content-light (we focus on broad concepts and apply them consistently to new topics), but critical thinking and problem-solving is a must in this class. This course will challenge you to dive deeper into the hows and whys of policymaking and politics in America. AP Government is one of the more applicable courses for your life beyond high school, as it makes you a more informed citizen.

**homework:** less (e.g. chapter readings for each unit (5 total) and vocabulary)

**reading:** average (mostly done during class time or for chapter readings)

**best suited for:** students who want a depth of knowledge of government & politics and enjoy projects and classroom discussions

## AP Literature & Composition

RECOMMENDED FOR STUDENTS ENTERING GRADE 12

The second half of the AP English course track, AP Literature & Composition 12 focuses on the study of literature and imaginative fiction from 1800-today. Basically, we read and analyze important or significant literature to then write mature, sophisticated analysis of the moves the writer makes in order to make the text work. This course is content light (meaning there is not a large quantity of new information and knowledge you need to memorize in order to be successful) but thinking rich. With AP Language & Composition 11, it is arguably the most worthwhile English class you may take during your entire educational career. This class will benefit those who want to explore the human condition through literature, major in English, education, writing, or publishing, or simply wish to develop a rich inner world.

**homework:** less (e.g. 10 pages of reading some nights)

**reading:** more (but much done in class)

**best suited for:** students who seek a rich literary experience and enjoy writing

## AP Psychology

RECOMMENDED FOR STUDENTS ENTERING GRADE 11 OR 12

AP Psychology is an engaging deep dive into the fascinating world of human behavior and the mind. In this course, you'll explore how we think, feel, and act, uncovering the psychological principles that shape our lives. Whether you're curious about mental health, learning processes, or how our brains work, this class offers a comprehensive overview of psychology. It is the perfect introduction to understanding the science behind who we are and why we do what we do and is additionally relevant to those considering fields in helping professions (teachers, therapists, counselors, social workers), health professions, and business or marketing enthusiasts. This course is especially recommended for students who have successfully completed Psychology or Enriched Biology.

**homework:** minimal—mostly projects when assigned

**reading:** almost none

**best suited for:** appeals to a wide range of people, especially those who are curious about human behavior, the mind, and how people think, feel, and act

## AP Environmental Science

RECOMMENDED FOR STUDENTS ENTERING GRADE 11 OR 12

How can we meet the needs of a growing population while sustaining natural resources? How can the global community collaborate to address environmental challenges? What does science tell us about our relationship with and dependence on the earth? AP Environmental Science is a stimulating course in which you'll learn how to use the tools of science to address these and other big questions about humanity and our planet's future. This is a course that integrates biology, chemistry, geology, psychology, math, economics and government. If you love being outside, if you are curious about the natural world around you then this is the course for you.

**homework:** minimal (almost none)

**reading:** 5-10 pages 2-3 nights a week with reading quizzes

**best suited for:** class is 30% hands on lab experience to help students grasp concepts

## AP Biology

RECOMMENDED FOR STUDENTS ENTERING GRADE 11 OR 12

AP Biology builds upon the concepts you learned in sophomore biology, further exploring the inner workings of cells, heredity and genetics, evolution, and ecological systems. Through hands-on activities and lab work, you will develop skills in experimentation, data analysis, and critical thinking. Additionally, you will be working in groups often, collaborating to apply your knowledge to real-world biological questions and current issues. Ultimately, AP Biology nurtures curiosity, resilience, and a scientific mindset—skills that are essential in an increasingly science-driven world, regardless of your career choice. This course is especially recommended for students who have successfully completed tenth-grade Biology.

**homework:** 30 minutes or less around 3 nights a week

**reading:** low (mostly done during class time)

**best suited for:** students who are curious about science, especially those considering careers in healthcare, research, or the sciences

## AP Statistics

RECOMMENDED FOR STUDENTS ENTERING GRADE 11 OR 12

AP Statistics is an introductory course that provides students with a look into the world of data, probability, and statistics. I must note, this is NOT a "math-heavy" class, like Algebra 2 or Pre-Calc. We touch on several statistical concepts that all lead into providing evidence to refute or support a claim. For example, have you ever wondered if big corporations are lying to you about what they advertise? Do you doubt that Double Stuffed Oreos are actually "double the stuff"? Who is the GOAT in the NBA, LeBron or Jordan? Does Beyoncé write her own lyrics? We learn the statistical techniques to answer, with confidence, these questions. This course typically counts for an introductory stats course at the college level.

**homework:** slightly less than average (one set of HW per chapter)

**reading:** none (unless you want to)

**best suited for:** students who wish to go into any field and to have a more flexible and responsive math teacher in comparison to most college professors

## AP Calculus AB

RECOMMENDED FOR STUDENTS ENTERING GRADE 12

AP Calculus AB is an exploration of two things: slopes and areas. I often like to refer to this class as "Algebra 4" as it is really just an expansion on those two Algebra themes. We go through the basics of derivatives (slopes) for curves, rather than simply looking at the slope of a line. We then see the real-world applications of these slopes. From there, we venture into the world of areas, utilizing integrals. Similarly, learning the basics before heading into applications. This course will typically get you credit for Calc 1 at the college level, a prerequisite for many majors.

**homework:** slightly less than average (one or two HW sets per unit)

**reading:** none (unless you want to)

**best suited for:** students who wish to go into any STEM-related field and to have a more flexible and responsive math teacher in comparison to most college professors

## AP Computer Science A

RECOMMENDED FOR STUDENTS ENTERING GRADE 11 OR 12

AP Computer Science A is an introductory course that teaches programming in Java, a widely-used language. You'll learn core computer science skills, including writing, testing, and debugging code, while covering essential concepts like variables, loops, conditionals, arrays, and object-oriented programming (OOP). OOP uses "objects" (data and functions) to make code more manageable and reusable. The course emphasizes computational thinking and problem-solving as you tackle coding challenges. By the end, you'll be well-prepared for college-level computer science, but these skills also apply to various other fields. If you're curious about coding and up for a challenge, AP Computer Science A offers a rewarding and enjoyable experience!

**homework:** 30-ish minutes most night but not all

**reading:** almost none

**best suited for:** students who enjoy problem-solving, have patience and persistence, are detail-oriented, want to explore computer science or tech.

## AP Chemistry

RECOMMENDED FOR STUDENTS ENTERING GRADE 12

AP Chemistry is comparable to an entry-level college course in chemistry and builds upon the foundation set in Enriched Chemistry. As in college, AP Chemistry covers a wide range of topics including stoichiometry, kinetics, equilibrium, and many properties of compounds and atoms. There are several labs designed to further understanding and to provide a lab component experience. Chemistry requires practice and hard work, but AP Chemistry will allow you to adjust to college expectations within the safety net of a high school course. Smaller class sizes also provide advantages as there are more opportunities for help and personalized instruction.

**homework:** daily (30 minutes to an hour)

**reading:** almost none required but highly encouraged

**best suited for:** students entering the science field or medical field or any student who needs chemistry for their expected major

## AP Physics 1

RECOMMENDED FOR STUDENTS TAKING PRE-CALCULUS OR HIGHER

This Physics class for first or second year Physics students focuses on creative problem solving using Algebra. You will design and perform your own experiments and practice solving physics problems. Topics in the curriculum include Kinematics (the tracking of motion of objects), Newton's Laws, Conservation of Energy and Momentum, Simple Harmonic motion (objects that undergo repeated cycles of motion), Rotational Motion, and Fluid dynamics (Forces and flow rates of fluids). This course does not have many topics, but students will need to be able to take a few concepts and apply them to any possible problem. This will help you become more confident in understanding the world around you and how with just a few concepts you can solve almost any problem. The skills learned in this class will prepare you for any future analysis problems you may encounter in the future.

**homework:** almost none (may be a few practice problems you are asked to do 1-2x a quarter)

**reading:** almost none (other than working on practice problems)

**best suited for:** students with strong mathematical skills that are willing to struggle through difficult problems during class in a supportive environment

**So that students can manage the workload of these advanced courses while still attending to their other classes and extracurriculars, it is recommended that students consider limiting themselves to the following AP commitments:**

**1 AP course sophomore year  
up to 2 AP courses junior year  
up to 3 AP courses senior year**

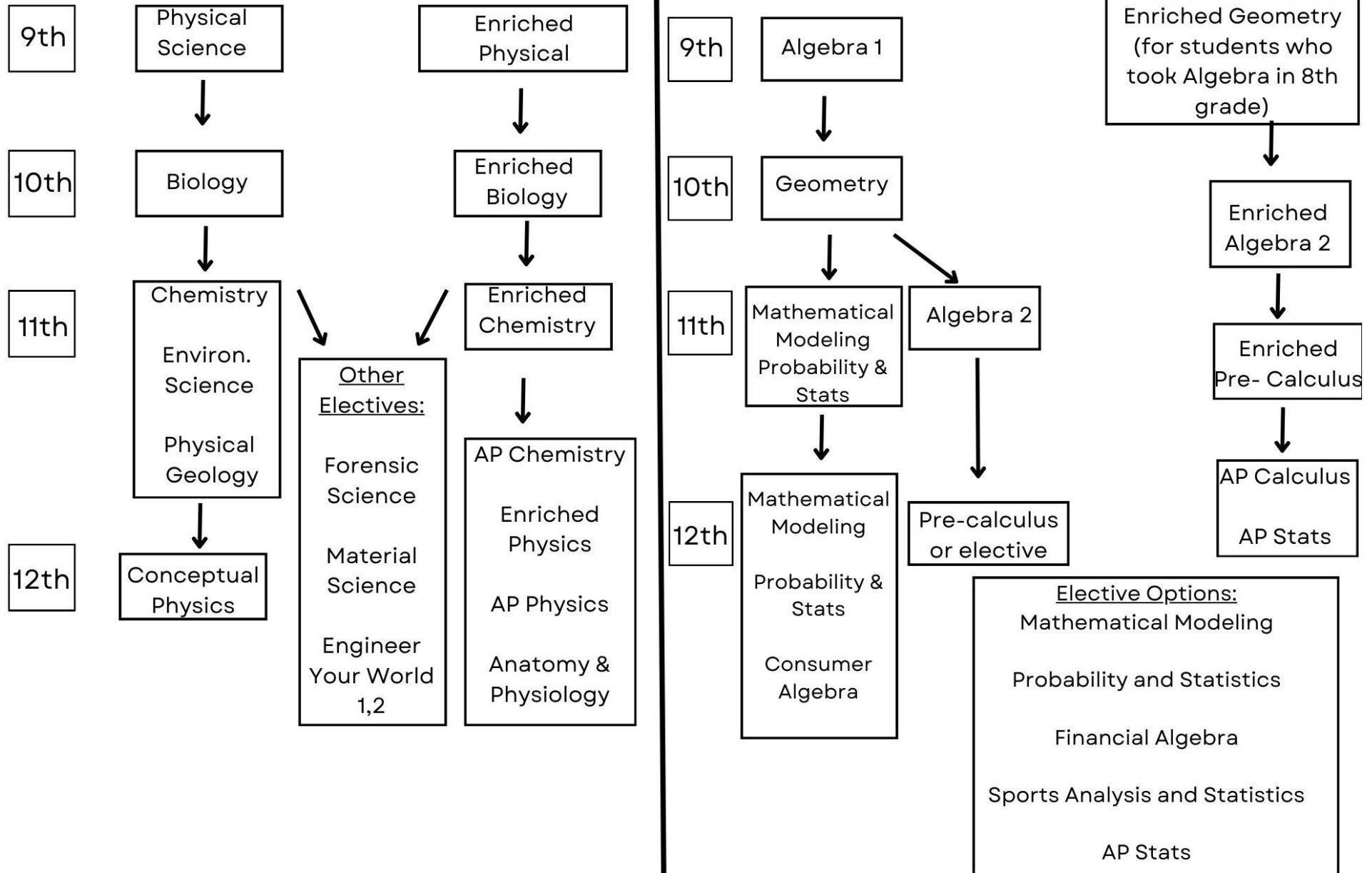
## \*\*Recommended Course Flow Chart\*\*

*Science: 3 Credits*

*Required for graduation: Physical Science, Biology, and one other course*

*Mathematics: 4 credits*

*Required for Graduation: Algebra 1, Geometry, Algebra 2 (or equivalent), and one other course*



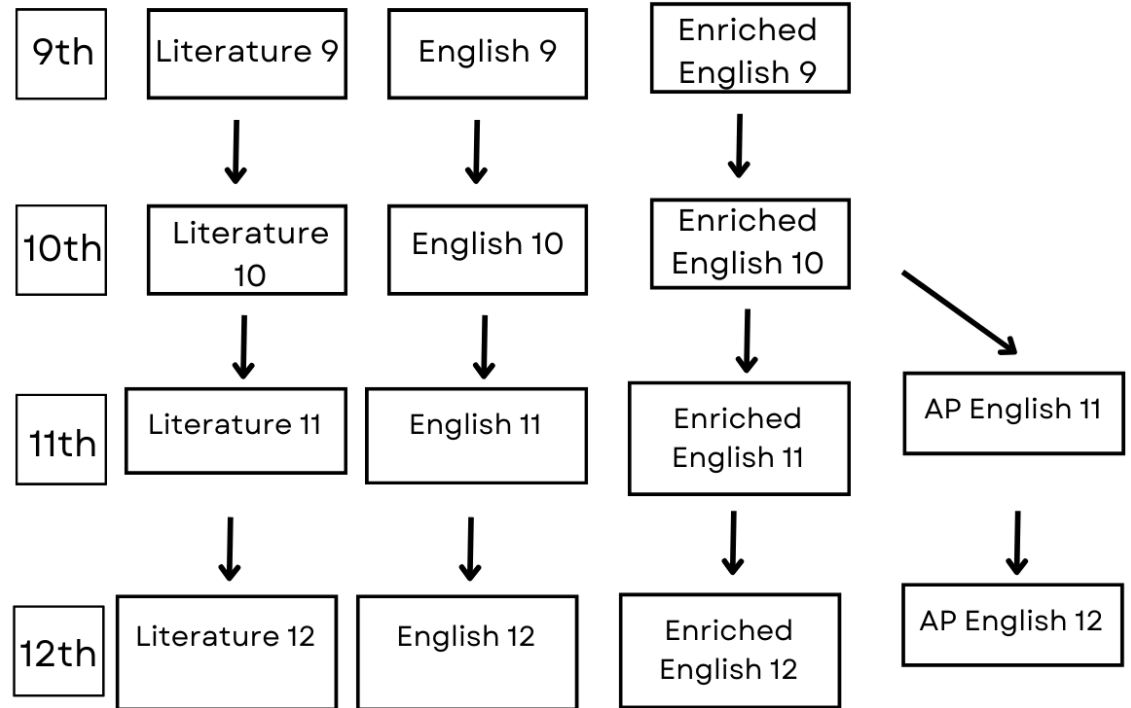
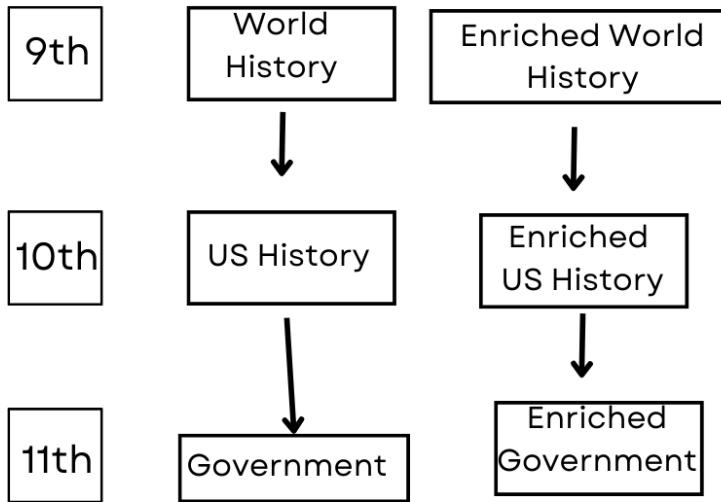
## \*\*Recommended Course Flow Chart\*\*

*Social Studies: 3 credits*

*Required for graduation: World History, US History, Government*

*English: 4 credits*

*Required for graduation: Any four credits*



Other Electives:

Psychology  
Sociology  
History of Newark  
AP Psychology

*The following course are offered  
when there is sufficient enrollment:*

Contemporary World Issues  
Civil War  
American Revolution

Other Electives:

Composition  
Creative Writing  
Yearbook  
College Writing  
Film Studies

## Course Planning Sheet

\*\*Use this form to map out what courses you will take over your four-year high school career. \*\*

	<i>Course Name</i>	<i>Course #</i>	<i>Credits</i>
<b>9<sup>th</sup> grade</b>			
English			
Math			
Science			
Social Studies			
Elective			
Elective			
Elective/Study Hall			
<b>10<sup>th</sup> grade</b>			
English			
Math			
Science			
Social Studies			
Elective			
Elective			
Elective/Study Hall			
<b>11<sup>th</sup> grade</b>			
English			
Math			
Science			
Social Studies			
Elective			
Elective			
Elective/SH/Early Dismissal			
<b>12<sup>th</sup> grade</b>			
English			
Math			
Elective			
Elective			
Elective			
Elective/SH/Early Dismissal			

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## *Academic Recognition*

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### **Class Standing**

High School students in Newark will progress to the next higher grade level each year, until 11<sup>th</sup> grade. To be considered a senior, students must have earned 15 credits.

### **Rank in Class**

Students are ranked in order of GPA with 1 being the highest GPA in the class.

### **Grade Point Average**

Grade point average are calculated on the following scale:

A = 4.0

B = 3.0

C = 2.0

D = 1.0

F = 0

AP and College Credit Plus courses are weighted:

A = 5.0

B = 4.0

C = 3.0

D = 1.0

F = 0

Semester grades count towards a student's cumulative GPA.

### **Merit Roll**

Students earning a 3.0 or higher and enrolled in four or more courses at NHS will be on the Merit Roll each quarter.

### **Honor Roll**

Students earning a 3.5 or higher and enrolled in four or more courses at NHS will be on the Honor Roll each quarter.

### **Principal's List**

Students earning a 4.0 or higher and enrolled in four or more courses at NHS will be on the Principal's List each quarter.

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## College Planning

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### College Preparatory Curriculum (4-year college)

Students should complete the following college-preparatory curriculum in high school, if planning to attend a four-year college or university. Failure to do so may result in not being accepted for admission, or being offered less than regular admission.

Required Subjects	Credits
English	4.00
Math (Algebra 1, Geometry, Algebra 2)	4.00
Social Studies	3.00
Science (Biology, Chemistry, Physics)	3.00 lab (4 recommended)
Foreign Language	Minimum of 2 credits of same language
Fine Arts	1.00

*These are the minimum core requirements for admission to college. Students are strongly recommended to take a yearlong math course their senior year. The Fine Arts category includes courses in the areas of music, art, or drama.*

### Testing for College-Bound Students

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

The PSAT is administered in October. Taking the test is the first step necessary to enter the scholarship programs administered by the National Merit Scholarship Corporation.

Juniors who plan to go to college are urged to take this test, for it attempts to measure the academic skills necessary for success in college. The test consists of verbal, mathematics, and writing sections. For juniors, this test is the

qualifying exam for consideration in the National Merit Scholarship Competition. There is a fee for this exam.

Sophomores may take the test for practice. There is a nominal fee to cover the cost of the test.

#### **SAT 1**

The SAT 1 consists of reading, mathematical, and writing sections. The reading section is designed to measure the candidate's ability to read with understanding and discrimination, his comprehension of words, and his skill in dealing with words and thought relationships. The mathematics section is designed to measure aptitude for handling quantitative concepts rather than achievement in math. Calculators are permitted. The writing skills section asks students to identify sentence errors, improve sentences, and improve paragraphs.

Seniors may take the SAT 1 in October, November, December, January, or March. Juniors who wish to take the SAT 1 should take it in May or June. This test may be repeated.

Students may register for the SAT at [collegeboard.org](http://collegeboard.org). See your school counselor if you need assistance.

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## **The American College Testing Program (ACT)**

It consists of four tests: English, mathematics, reading and science reasoning. The individual test items in all areas are designed to measure ability to perform the kind of complex intellectual tasks that college students typically have to perform. Calculators are permitted. There is an optional writing test offered. Students should consult with the college to which they are applying, for admission criteria regarding the writing test.

These examinations are given in October, December, February, April, and June. All students will take the ACT once during school in the spring of their junior year.

Students may register for the ACT test online at [www.act.org](http://www.act.org). If you need assistance, see your school counselor.

Online practice is available through Method Test Prep. See A Call to College for login information.

## **College Representative Sessions**

Representatives from various colleges and universities visit the high school during the school day to share information with juniors and seniors. Students must sign up in the counseling office in advance and obtain permission from the teacher(s) whose class(es) are involved.

## **College Campus Visits**

Juniors and seniors are permitted to miss up to two days of classes during the school year to make college campus visits. In order for the visit to be considered a college visit, the student must provide your building secretary with the following:

- A note from parent at least 3 days prior to visit.

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## Program Options

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### Credit Flexibility

Credit flexibility options, as set forth by Ohio Senate Bill 311, are designed for those students who demonstrate the ability, interest, and maturity to accept personal responsibility for their learning in a selected curricular area and have the opportunity to pursue it outside of Newark High School and within the guidelines of Newark City Schools Board of Education approved curriculum. Credit flexibility is intended to broaden the scope of the curricular options available to students, increase the depth of study possible for a particular subject and allow tailoring of learning time and/or conditions. Students may earn credits by: completing coursework, testing out of or demonstrating mastery of course content, or by pursuing one or more “educational” option (e.g. educational travel, independent study, internship, community service, or other engagement projects and sports). Students will be required to complete a Proposal for Credit Flexibility Form in which they will identify their educational goals, identify the standards they will demonstrate, and create a timeline for completion.

### Credit Flexibility Requirements

1. Written plan or agreement between the students, parents, possible community mentor, the Newark High School Principal and the Newark High School teacher of record.
2. All costs involved with proposed Educational Options and liability for injury while involved with this Option are the responsibility of the student and his/her family.
3. Grades will be reported to the counseling office and will be recorded on the student’s report card and appear on the transcript in the same manner as “traditional” coursework.
4. All credit flex classes must be added and dropped within the same timelines of other classes - 2 weeks after the semester has started. Otherwise, the student will receive an F for the class if work is not completed.
5. To receive credit for graduation, grades need to be submitted by the annual deadline of the last Tuesday in May.

### How to Apply for a Credit Flexibility Program

1. Receive Credit Flexibility Packet from your grade level school counselor and complete the agreement/packet. Students must obtain the Principal’s signature then return the proposal to the Counseling Office when completed.
  2. A conference must be scheduled to evaluate the proposal and be signed by the student, parent/guardian, teacher of record, and principal.
  3. Signed/Approved Proposal must be turned in to the student’s counselor in the Counseling Office by May 1st for the following school year. You will not be permitted to pursue the Credit Flex option for the semester following the identified dates if you miss the deadline.
  4. The student is responsible for completing all assignments agreed upon in the Plan for Assessment to Receive Grades **prior to the start of the school year** in order to receive a grade and credit.
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5. If the submitted proposal for a credit flex opportunity is denied, the student may request an appeal within 5 work days of the denial.

### **Credit Flexibility Options and Procedures**

#### **Flexing Out of an existing Newark High School class**

This option exists for students who believe they are ready to demonstrate all of the competencies required in a Newark High School course. Students selecting this option must first complete a Proposal for Credit Flexibility form. Arrangements will then be made for the student to demonstrate proficiency. The demonstration of proficiency may include but is not limited to taking the Newark High School exams for the course, completing written essays and research papers, developing examples of subject area projects, and other items as specified in the proposal agreement. The Newark High School teacher of record will evaluate student work. Final grades and credits will be recorded on the student's transcript and calculated in the student's GPA and class rank. A panel consisting of a highly qualified teacher in the subject matter, building administrator, and counselor will conduct grading appeals, if requested.

#### **Flexing Out of Physical Education**

This option exists for students who are engaged in a physically active lifestyle beyond the school hours and school sponsored activities. **Students selecting this option must first complete a Personal Fitness Proposal and meet with the Athletic Director.** With this option, students can pursue individual interests, at their own expense, while meeting state standards and local curriculum. The students will submit a personal fitness plan that will both identify the activities in which they will participate and identify a qualified mentor who will oversee

their activity. The chosen mentor cannot be the guardian or parent of the student. The demonstration of proficiency will be based on the student's adherence to the proposal and scored by a set rubric. The final grade and credit will be recorded on the student's transcript and calculated in the student's GPA and class rank.

#### **Creating a Flex Plan for a new class**

This option is for students who wish to develop a plan to study a topic of interest that is not offered at Newark High School. Prior approval for the proposal is required; there will be no awarding of retroactive credit. Off-site instruction providers must receive prior approval by the Newark High School Administration. In their proposal, students must list the goals/objectives of their proposed course, list methods of instruction, timeline segments of learning, and describe assessment measurements. The Newark High School teacher of record will evaluate student work. Final grades and credits will be recorded on the student's transcript and calculated in the student's GPA and class rank.

#### **Selecting a Newark City Schools Board approved educational option**

Students may choose to participate in any of the following alternate means to earn credits: distance learning, on-line coursework, independent study, post-secondary options, dual enrollment, summer school, mentorship programs, and early college entrance. Some of these options may require the student to meet admission standards at the university or other educational option provider. Depending on the option chosen, student may be required to complete a Proposal for Credit Flexibility form.

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## College Credit Plus

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College Credit Plus allows students to take a college course and earn college credits while in grades 7-12, on a full- or part-time basis. The goal of this option is to promote rigorous academic pursuits and expose students to options beyond the high school classroom. Students enrolled in college courses will adhere to the requirements of the college. To participate, a student must be an Ohio resident. For more information, please see <https://www.ohiohighered.org/ccp/students-families>.

### **What are the advantages of College Credit Plus?**

- Earn both transcribed college credit and high school credit upon successful completion of the course.
- Eliminate duplication of high school and college course content.
- Increase the rigor and challenge of course offerings while in high school.
- Decrease (or eliminate) the cost of college tuition.
- Success in CCP increases the likelihood of College success after high school graduation.
- Open doors for first-generation college students and underrepresented students.

### **How are College Credit Plus Courses delivered?**

- Courses may be delivered on the college campus
- Courses may be delivered online or in a blended learning format.

### **Which College Credit Plus courses are available outside of NHS?**

Students can take a number of courses as long as they qualify as CCP. There is a 15-hour state rule which requires CCP students to take 15 hours of level 1 courses prior to progressing to level II courses. There are some exceptions to the rule, and each institution must publish their level 1 course list.

### **How do students qualify for CCP & become eligible for college courses? (pending approval at state level)**

To **qualify** students must demonstrate college readiness by having an unweighted Cum GPA of 3.0 or higher **or** by submitting test scores from ACT, SAT, or college-specific placement tests. To become eligible for a course a student must meet the postsecondary institution's readiness for the chosen course. Each postsecondary institution establishes their own college readiness and entrance criteria. The postsecondary institution has the final decision on admission.

### **How will College Credit Plus courses impact my GPA and transcript?**

All CCP courses taken through CCP will be weighted on a 5.0 scale. The post-secondary institution's grade scale will be used to determine the college GPA. All grades the student earns in CCP will be on both the high school and college transcript.

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### **How does College Credit Plus impact athletic eligibility?**

Students must remain eligible in accordance with the OHSAA bylaws. Any student who is taking a CCP course on a college campus or via the internet as part of the 5 credits for athletic eligibility will be required to submit documentation of current passing grades each quarter to the NHS athletic department in order to determine athletic eligibility for the subsequent nine weeks.

Every 3+ hour college course = 2 classes toward the 5 class requirement for eligibility. Summer CCP courses cannot be used for athletic eligibility.

### **How are high school graduation requirements affected?**

Seniors taking CCP courses need to meet their high school graduation requirements prior to the Spring semester. High school graduation requirements will not be waived as a result of participation in CCP. Students will not be permitted to walk in the graduation ceremony if grades for graduation requirements are not received before it.

- CCP students are still required to complete all high school graduation requirements.
- CCP students must take required end-of-course exams as required.
- See the state course substitution crosswalk for details on how HS & College courses match up. Can be found on the OhioHigherEd website.

### **How are college credits converted to high school credits?**

- 3+ semester credit hours = 1.0 high school Carnegie Credit
- 2 semester credit hours = .67 high school Carnegie Credit
- 1 semester credit hour = .33 high school Carnegie Credit

### **Will College Credit Plus credits transfer to other colleges/universities?**

Many credits earned through CCP are transferable to both public and private institutions in Ohio and out of the state. Here are two websites what can help students understand what courses will transfer: [www.Transferology.com](http://www.Transferology.com) , <https://www.ohiohighered.org/transfer/transfe rmodule>

### **Who pays for college admission, textbooks, fees, and transportation?**

The cost for families to participate in CCP is dependent on where the student takes the course. There is no cost for courses taken at a public university (like OSUN or COTC). Courses taken at a private college vary by college. MVNU does not have a fee for students.

Responsibility for transportation rests with the student. All required college books will be paid for by Newark City Schools, as long as proper book procedure is followed. Students taking courses on campus or online will need to follow the book procedure associated with their postsecondary institution. **Students should never purchase books on their own without prior approval for purchase from the School Counseling Office. The Counseling Office Secretary is the contact person for books.** Many books are available to borrow from the counseling office. **Books need to be returned to the NHS counseling office at the end of the semester.**

### **What if I fail a College Credit Plus class?**

- Classes failed with an "F" will receive an "F" on both the high school and college transcript. This will be computed into the high school and college GPA. Classes withdrawn after the college's final withdrawal date will receive the same mark as noted on the college transcript. If the student does not receive a passing grade or

withdraws after the withdrawal date, the NCS district will seek reimbursement for the amount of state funds paid to the college on the student's behalf for that college course. As an example, if a student fails or withdraws from a 3 hours course, they would owe approximately \$500. The price will vary based on the number of hours the class is and how much the college charges for the class. This will be added to the student's fees.

### **What if I want to retake a College Credit Course that I passed?**

For a college course to be transferable a student must earn a grade of C or better. There are some courses that are prerequisites to other courses and they must be passed with a C or better grade. (Example: a student must pass Composition 1 with a C or higher to take Composition 2). For these reasons or to improve a GPA, a student might want to retake a course. If a student wants to retake a CCP course that they earned a grade of D or higher in, they must have the building Principal's approval and must **self-pay** for the course.

### **Poor performance in college courses can place a student on academic probation or dismissal by the college.**

- Any CCP student achieving **underperforming student** status must be placed on CCP probation. An underperforming student is defined as a student who meets at least one of the following conditions:
  - Has cumulative GPA lower than a 2.0 in the college courses taken through the CCP program.
  - Withdraws from or receives no credit for two or more courses in the semester. (Withdraw would be after the deadline to drop without W)
- Any CCP student who meets the definition of an underperforming student for two

consecutive terms of enrollment must become an **ineligible student**.

### **What are my academic and social responsibilities?**

Students in a College Credit Plus program are College students and the college rules and regulations supersede the high school rules and regulations.

The student is expected to follow the rules and regulations set by the college/university in addition to being expected to follow the rules and regulations detailed in the NHS handbook. Once enrolled, the student is eligible to receive advising from campus-based support services of the college or university. Additionally, the student will continue to have access to their NHS counselor and all other resources available to NHS students. Participation in CCP does not guarantee admission to college after high school. Students should follow the regular undergraduate application process for whatever college she/he plans to attend after high school. Students participating in CCP are socially responsible for what goes on both at their college and their home school. Full-time CCP students who do not attend NHS in person are responsible for following NHS events and dates. Information can be found on the NCS website, social media, and emails.

### **How does FERPA (Family Education Rights and Privacy ACT) affect CCP students?**

In high school, parents are strongly advocated and work closely with teachers and counselors. At college, parents are mentors and support students. The college views the student as an independent decision maker.

**CCP students are college students** and are subject to the federal FERPA. For CCP college students, this means that college records are not released to anyone, even parents, without written permission from the student. For CCP students, the high school and the college may exchange information.

### **What if I have a Specialized Education Plan?**

Students who have a specialized education plan, such as a 504 or IEP, will need to contact the college's disability service department for eligibility determination. The college's disabilities service department will determine the support a student may have in the CCP course. It is important that the student be proactive and self-advocate for their needs. Accommodations cannot be delivered until the college identifies and approves the appropriate accommodations. In college, a written plan is designed for access.

### **What is the maximum number of credits a student can take in CCP?**

A student can enroll in up to 30 credit hours per college year. (Summer, Fall, and Spring Semester)

A student can take up to 120 credit hours over the course of 7 through 12 grade.

For any given school year, maximum credit availability to a student is determined by the following formula:  $30 - (\text{HS credits} \times 3) = \text{Maximum credits for the college year.}$

### **What should be considered prior to enrolling in CCP courses?**

Plan Backwards: What are the student's post-secondary plans? How and when will CCP support these goals?

Consider the student's:

- \*emotional readiness
- \*time management
- \*academic readiness
- \*organizational skills
- \*future academic path
- \*future career goals
- \*personal desire
- \*daily schedule and commitments

Just because a student can qualify for CCP, does not mean they are academically and/or socially ready to take CCP.

*Some college classes have content that is oriented toward a mature or adult student. Colleges are not required to modify course content based on the ages of the students. The Ohio Revised Code 3365.12(A) requires: "All courses offered under the college credit plus program shall be the same courses that are included in the partnering college's course catalog for college-level, nonremedial courses."*

### **How does my student get involved in College Credit Plus?**

- **Step 1: Complete the College Credit Plus Intent to Participate form.**

This application must be signed and returned to the School Counseling Office by **April 1** (of the school year prior to the school year the course(s) will be taken. After this date, the student must have permission from the high school principal to participate.

- **Step 2: Apply to the college/university offering course(s) of choice.**

Students who are taking CCP courses on a college campus or online need to follow the directions as stated by the college. All questions regarding applying should be directed to the college to which the student is applying. Pay close attention to deadlines.

- **Step 3: Follow up with your school counselor for needed transcripts or school reports**

- **Step 4: If needed, register for ACT/SAT or Accuplacer/ALEKS test to qualify for CCP**

Act registration is done online at [www.actstudent.org](http://www.actstudent.org) (written portion not required) Juniors will be taking this in at NHS in February.

Sat registration is done online at

[www.collegeboard.com](http://www.collegeboard.com)

When registering for the ACT/SAT be sure to include Newark's school code and the college's school code to ensure that the scores will be sent directly to both places: Newark High School Code: 363-635

Ohio State Newark ACT Code - 3312  
 COTC ACT code - 3365  
 Mount Vernon Nazarene ACT Code - 3372  
 Accuplacer/ALEKS will be scheduled with the college, if needed.

- **Step 5: Stay in communication with your school counselor.**
- **Step 6: Work with the College's Academic Advisor to schedule college courses.**
- **Step 7: Provide documentation of the college schedule to NHS Counseling Office as soon as you are registered, but no later than the first day of NHS classes in August.**
- **Step 8: See the School Counseling Office Secretary for textbook ordering procedures:** Students should never purchase textbooks on their own without prior approval. We have many books in the counseling office for students to check out *before purchasing*.
- **Step 9: Return CCP books to the Counseling Office at the end of the semester.**
- **Step 10: Provide a copy of 2nd semester schedule to your counselor as soon as you are registered, but no later than the 1st day of class.**
- **Step 11: Repeat steps 5-9 for 2nd semester.**

**Important Dates: Note that due to Covid-19, placement testing may be waived. See college website for more information.**

**Intent to Participate Form - April 1<sup>st</sup> of the school year prior to the school year the course(s) will be taken.**

**OSUN:**

- Online application available at [academy-ccp.osu.edu/apply](http://academy-ccp.osu.edu/apply)
- High school information form signed by school counselor or principal
- Official transcript of course work
- Standardized test scores that meet the state College Readiness Standards
  - ACT: English – 18; Reading – 22; Math – 22

- SAT (taken March 2016 or later): Evidence Based Reading and Writing – 480; Mathematics – 530
- Next Generation ACCUPLACER: Writing – 263; Reading – 250; Math – 263

**COTC:**

- Online application available at <https://www.cotc.edu/public-school-students>
- Official transcript of coursework
- Placement testing will be scheduled with the Gateway, as needed.

**Mount Vernon Nazarene:**

- <https://www.mvnu.edu/dualenrollment>

**Ohio University Zanesville**

- <https://www.ohio.edu/zanesville/future-students/college-credit-plus>

**College Credit Plus Sample Pathways**

**COTC 15 credit pathway**

**Autumn Semester**

<i>Course Name</i>	<i>Hours</i>
EngL-112 Composition 1	3
Psych-100 Intro to Psychology	3
Math-080 College Algebra	3

**Spring Semester**

<i>Course Name</i>	<i>Hours</i>
EngL-113 Composition 2	3
Soc-100 Intro to Sociology	3

**COTC 30-credit pathway**

**Autumn Semester**

<i>Course Name</i>	<i>Hours</i>
EngL-112 Composition 1	3
Psych-100 Intro to Psychology	3
Math-080 College Algebra	3
Span101- Spanish 1	3
BIO-115 Human Nutrition	3

**Spring Semester**

<i>Course Name</i>	<i>Hours</i>
EngL-113 Composition 2	3

Soc-100 Intro to Sociology	3
SPAN-102 Spanish 2	3
Math-130 Introduction to Statistics	3
Psych-200 Abnormal Psychology	3

### OSU 15-credit pathway, non-STEM

#### Autumn Semester

Course Name	Hours
English1110 – First Year English Comp	3
Psychology 1100 – Intro to Psychology	3
Statistics 1350 – Elementary Stats	3

#### Spring Semester

Course Name	Hours
History 1151 – American Civilization to 1877	3
Sociology 1101 – Introductory Sociology	3

### OSU 15-credit pathway, STEM

#### Autumn Semester

Course Name	Hours
English 1110 – First Year English Comp	3
Math 1151 – Calculus 1	3

#### Spring Semester

Course Name	Hours
Chemistry 1210 – General Chemistry 1	5
Sociology 1101 – Intro to Sociology	3

### OSU 30-Credit pathway, non-STEM

#### Autumn Semester

Course Name	Hours
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English 111- First Year English Comp	3
Psychology 1100 – Intro to Psychology	3
Statistics 1350 – Elementary Stats	3
Art 2100 – Visual Studies: Beg. Drawing	3
Spanish 1103 – Spanish III	4

#### Spring Semester

Course Name	Hours
History 1151 – American Civilization to 1877	3
Sociology 1101 – Introductory Sociology	3
English 2201--Selected Works of British Literature- Medieval through 1800	3
Philosophy 1101- Intro.to Philosophy	3
Biology 1101 – Introductory Biology	3

### OSU 30-Credit pathway, STEM

#### Autumn Semester

Course Name	Hours
English 1110 – First Year English Comp	3
Math 1151 – Calculus 1	3
Anthropology 2201 – Intro to Archaeology	3

#### Spring Semester

Course Name	Hours
Chemistry 1210 – General Chemistry 1	5
Sociology 1101 – Intro to Sociology	3
English 2201 – Selected Works of British Literature- Medieval through 1800	3
Math 1152- Calculus 2	5
Spanish 1103- Spanish 3	4

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***Course Offerings***

***Listed by Department***

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## Technology and Career Department

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### Courses Offered

Grade(s)	Course #	Course Title	Credits
9-12	521	Intro to Programming	0.5
9-12	522	Intro to 3D Design	0.5
9-12	523	Entrepreneurship	0.5
11-12	530	AP Computer Science	1.0
9-12	541	Intro to Informational Tech	0.5
10-12	544	Game Design	0.5
10-12	545	Web Design	0.5
10-12	546	Computer and Mobile Apps	0.5
10-12	547	Animation	0.5
10-12	548	Personal Computer	0.5
9-12	580	JOG 1	1.0
10-12	581	JOG 2	1.0
9	M7P9	My 700 Project 9	0.25
10	M7P10	My 700 Project 10	0.25
11	M7P11	My 700 Project 11	0.25
12	M7P12	My 700 Project 12	0.25

### Introduction to Programming(521)

1 Semester  
0.5 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

This will be a semester course for students interested in beginning a study of programming. The first nine weeks, this course will focus on the logic of programming using the block-based coding platform Scratch. Game design will be a major focus of the course. The second nine weeks will focus on syntax and programming conventions using the Python language.

### Introduction to 3D Design(522)

1 Semester  
0.5 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

This is a semester class focused on 3D Design using the Stanford school design process. Students will learn how to create virtual objects in 3D with the HTC Vive, print objects in 3D and assemble objects in 3D. This is a very hands-on

course featuring 3D printing, laser cutting, and CNC routing. Students will learn how to create all custom designs on the computer then finish with various post-processing techniques.

### Entrepreneurship (523)

1 Semester  
0.5 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

This class should be called Shark Tank. We will combine Engineering and Design in the context of a Business. Students will research, design, refine, and manufacture original products that solve real world problems with the intention of starting a business to bring their product to market. Students will learn about Prototyping, 3D printing, laser cutting, milling and vinyl printing and complete many of the necessary steps to write a professional business plan. This is a very hands-on class where you will gain many real world experiences in product design and starting a business. At the end of the semester, students will compete in a pitch contest with business mentors.

### AP Computer Science(530)

1 Year  
1.0 Credit  
Fee: No

Grades: 11, 12  
Prerequisite: Algebra 2  
Elective

The AP Computer Science A course is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes object-oriented and imperative

problem solving and design using the Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

### **Intro to Information Technology (541)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.

### **Game Design (544)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: None  
Elective

This course will prepare students to design and program games using commercial and open source programs and applications. Students will learn industry standard programming language constructs to write programs that integrate classes, class methods, and class instances. Students will learn input method handling, animation, collision detection, game physics, and basic artificial intelligence.

### **Web Design (545)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: None  
Elective

Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) Web based protocols such as FTPTCP/IP and HTTP will be

addressed. Students will create a website with tag text elements special characters.

### **Computer and Mobile Apps (546)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: None  
Elective

Students will learn to create applications for mobile devices using a variety of commercial and open source software. They will install these applications, modify them, and develop customer service skills to handle user issues. Knowledge and skills related to customer service in professional offices, small businesses, departments, work groups, and corporate information services will be addressed.

### **Animation (547)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: None  
Elective

Students will use animation and storyboarding techniques to plan the production of an animation project. Students will design from script and storyboard actions in the pre-production planning process. Students will use commercial and open source digital animation software to create finished animations, cartoons, and other short movies. They will accomplish this using animated text, character movements, voice, background sound, sound effects, camera movements, and multiple scenes.

### **Intro to Information Technology (548)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

Students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication

skills and professionalism in troubleshooting situations will be emphasized. Students will apply knowledge and skills of commercial and open source operating systems in portable, stand alone, and networked devices. Students will install a variety of operating systems manually and using remote assistance. They will learn to configure, modify, and troubleshoot operating systems. Desktop virtualization, system security, and operating system history will be addressed.

### **Jobs for Ohio Graduates (JOG) (580/581)**

1 Year  
1.0 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

Join the JOG program at Newark High School to explore careers and prepare for your future. This class will include hands-on activities, guest speakers, tours and service learning to assist you develop your own personal skills.

#### **Learn**

Acquire valuable knowledge through Project-Based Learning and classroom instruction. Enhance your communication, life survival, organization, and decision making abilities.

Serve as an officer for your local Career Association. Participate in activities that help develop, practice, and refine skills that you need for personal, academic, financial, and career success!

#### **Grow**

Become career ready and participate in life-changing experiences through your JOG program. By participating in job shadowing, internships, as well as paid work experience, you can attain quality employment and begin your life's journey!

### **My 700 Project (M7P9-M7P12)**

1 Year  
0.25 Credit  
Fee: No

Grades: 9, 10, 11, 12  
(Sequentially)  
Prerequisite: None  
Elective

The My 700 Project series of classes provides knowledge and experiences not found in traditional curriculum to help students transition into high school and then prepare for their post high school lives. This course includes goal setting, career exploration, study skills, career tech exploration, college and career readiness, and progress monitoring of the progression through high school.

## English Department

A minimum of four English credits are required to graduate. There are several possible pathways to earn these four credits. Please note that students can switch from one path to another.

Literature (for students who need extra reading instruction)	Traditional Most students	Enriched (for students who read above grade level and wish to be challenged)
Literature 9 Lit. 10 Lit. 11 Lit. 12	English 9 English 10 English 11 English 12	Enriched English 9 Enr. English 10 Enr. or AP Eng. 11 Enr. or AP Eng. 12

### Courses Offered

Grades	Course #	Course Title	Credit(s)
9 <sup>th</sup>	007	Literature 9	1.0
	021	English 9	1.0
	023	Enriched Eng. 9	1.0
10 <sup>th</sup>	011	Literature 10	1.0
	027	English 10	1.0
	031	Enriched Eng. 10	1.0
11 <sup>th</sup>	013	Literature 11	1.0
	032	English 11	1.0
	035	Enriched Eng. 11	1.0
	037	AP English 11	1.0
12 <sup>th</sup>	016	Literature 12	1.0
	041	English 12	1.0
	044	Enriched Eng. 12	1.0
	074	AP English 12	1.0
9-12	002	Composition	0.5
11-12	003	College Writing	0.5
9-12	005	Creative Writing	0.5
10-12	055	Issues in	0.5
		Modern Culture (online)	
9-12	060	Film Studies	0.5
9-12	062	Speech & Debate	0.5
9-12	073	Yearbook	1.0

### Literature 9(007)

1 Year  
1 credit  
Fee: Yes

Grades: 9  
Prerequisite: placement by reading level  
Fulfills 9<sup>th</sup> grade English requirement

Literature 9 is for students who need to improve their reading level, as well as preparation for the required State of Ohio end-of-course examination. Students are placed in this class to boost grade level reading and writing skills. Instruction is based on a student's specific reading needs. *Students are placed in the class based on reading data. Students in this course are also enrolled in a Lit Labclass.*

### English 9(021)

1 Year  
1 credit  
Fee: Yes

Grades: 9  
Prerequisite: none  
Fulfills 9<sup>th</sup> grade English requirement

English 9 is designed for most students at the freshman level. This course provides reading and writing instruction at the ninth grade level, as well as preparation for the required State of Ohio end-of-course examination. Several different genres will be studied including drama, fiction, non-fiction, biographies, etc. The course is appropriate for a college or career bound student.

### Enriched English 9(023)

1 Year  
1 credit  
Fee: Yes

Grades: 9  
Prerequisite: recommend A or B in 8<sup>th</sup> grade Language Arts  
Fulfills 9<sup>th</sup> grade English requirement

Enriched English 9 for students with above average reading and writing abilities and would like more of a challenge, as well as preparation for the required State of Ohio end-of-course examination. Several genres will be

studied including drama, fiction, non-fiction, and poetry.

### Literature 10(011)

1 Year Grades: 10  
1 credit Prerequisite: placement by reading level  
Fee: Yes Fulfills 10<sup>th</sup> grade English requirement

Literature 10 is for students who need to improve their reading level. Students are placed in this class to boost grade level reading and writing skills, as well as preparation for the required State of Ohio end-of-course examination. *Students are placed in the class based on reading data. Students in this course will also be enrolled in a Lit Lab course.*

### English 10(027)

1 Year Grades: 10  
1 credit Prerequisite: none  
Fee: Yes Fulfills 10<sup>th</sup> grade English requirement

English 10 is designed for most students at the sophomore level. This course provides reading and writing instruction at the tenth grade level, as well as final preparation for the required State of Ohio end of course examinations. The course features a study of both classic and contemporary literature with a focus in world literature. Reading assignments with paced reading for longer works (novellas and literary non-fiction) and the regular use of MLA format for in-text citations are part of this course. The course covers the state learning standards and is appropriate for a college or career bound student.

### Enriched English 10(031)

1 Year Grades: 10  
1 credit Prerequisite: none  
Fee: Yes Fulfills 10<sup>th</sup> grade English requirement

Enriched English 10 is for students with above average reading and writing abilities. The course is designed for students who excel in English Language Arts and would like more of a

challenge. It is the best fit for students who are planning on taking Advanced Placement English classes in the future. The course features a study of both classic and contemporary literature with a focus in world literature.

Through assigned reading, homework, writing, and class discussions students will obtain a new understanding of different cultures around the world.

### Literature 11(013)

1 Year Grades: 11  
1 credit Prerequisite: placement by reading level  
Fee: Yes Fulfills 11<sup>th</sup> grade English requirement

Literature 11 is for students who need to improve their reading level. Students are placed in this class to boost grade level reading and writing skills. Instruction is similar to a traditional English 11 class but reading passages may be adjusted based on a student's specific reading needs. *Students are placed in the class based on reading data.*

### English 11(032)

1 Year Grades: 11  
1 credit Prerequisite: none  
Fee: Yes Fulfills 11<sup>th</sup> grade English requirement

English 11 is designed for many students at the junior level. The class will continue reading and writing instruction with a focus on American Literature. In addition, research skills and writing will continue to be practiced. The course covers the state learning standards and is appropriate for a college or career bound student.

### Enriched English 11(035)

1 Year  
1 credit  
Fee: Yes

Grades: 11  
Prerequisite: none  
Fulfills 11<sup>th</sup> grade English requirement

Enriched English 11 is for students with above average reading and writing abilities. The course is designed to challenge students who excel in English Language Arts and would like more of a challenge. This course is based on American Literature. Reading, writing and research skills are essential and will be practiced and reinforced.

### Advanced Placement English 11(037)

1 Year  
1 credit  
Fee: Yes

Grades: 11  
Prerequisite: none  
Fulfills 11<sup>th</sup> grade English requirement

Leading to the required AP English Language and Composition test, this course will examine American literature of various types with specific emphasis on nonfiction reading and writing. Excellent writing techniques will be emphasized in analyzing the written word and communicating ideas effectively. This course is for academically mature and motivated students who want a demanding and challenging course. A weighted grade is available to students in this course. Students are required to take the national Advanced Placement Examination in May.

### Literature 12(016)

1 Year  
1 credit  
Fee: Yes

Grades: 11  
Prerequisite: placement by reading level  
Fulfills 12<sup>th</sup> grade English requirement

Literature 12 is for students who need to improve their reading level. Students are placed in this class to boost grade level reading and writing skills. Instruction is similar to a traditional English 12 class but reading passages may be adjusted based on a student's specific reading needs. *Students are placed in the class based on reading data.*

### English 12(041)

1 Year  
1 credit  
Fee: Yes

Grades: 12  
Prerequisite: none  
Fulfills 12<sup>th</sup> grade English requirement

Seniors who are interested in continuing to develop their skills in communication, reading, writing, speaking, listening, and viewing should consider taking this course. This course is a survey of some of the classics of British and world literature. Writing is included on a practical level as well as in connection with the literature studied in class. The course covers the state learning standards and is appropriate for a college or career bound student.

### Enriched English 12(044)

1 Year  
1 credit  
Fee: Yes

Grades: 12  
Prerequisite: none  
Fulfills 12<sup>th</sup> grade English requirement

Enriched English 12 is for students with above average reading and writing abilities. The course is designed to challenge students who excel in English Language Arts and would like more of a challenge. This course is based on works of British literature ranging from Beowulf to modern writers. Students will read, sometimes in excerpt form, the works of the greatest writers of British thought and imagination. Students will learn how to comprehend and analyze poetry, to practice close reading, and to evaluate works critically. Writing accompanies the literature. A research project is required.

### Advanced Placement English 12(047)

1 Year  
1 credit  
Fee: Yes

Grades: 12  
Prerequisite: none  
Fulfills 12<sup>th</sup> grade English requirement

Leading to the required AP English Literature and Composition exam, the course will examine important literature from 1800 through today with a specific emphasis on fiction, drama, and poetry. There will be a variety of written assignments based on the readings in this class including sophisticated literary analysis, timed AP style writings, and a research paper. This is a course designed for academically mature and motivated students who are sophisticated readers and students willing to work at their writing skills. A weighted grade is available for students in this course. Students are required to take the national Advanced Placement exam in May.

### Composition(002)

1 Semester  
½ credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

*Not offered every year*

Composition is designed for students who lack confidence in their writing abilities. This course builds students' confidence in their abilities through drafting and revising a variety of papers. Prewriting (generating ideas), drafting, revising, and editing will be emphasized in order to improve basic writing abilities. Students are required to participate in daily writing, reading, discussion or research activities. Some literature will be read and writing may focus on that literature. Since the majority of the work is done via computer, attendance is extremely important.

### College Writing(003)

1 Semester  
½ credit  
Fee: No

Grades: 11, 12  
Prerequisite: none  
Elective

*Not offered every year.*

Juniors and seniors interested in improving their writing skills will learn how and when to use various types of essays and other academic assignments and written forms of expression for college-level assignments. Students will regularly compose, peer edit, and revise papers via a mobile or dedicated computer-lab environment requiring basic keyboarding skills and a willingness to work with other students. Emphasis is placed on essay development; students are encouraged to move beyond the basic essay format and students will develop their 'voice' within select writings. Students also complete journals, literary critiques, and participate in exercises utilizing a wide range of written and oral skills. Successful completion of this course will prepare students for writing in their freshman year of college. Since the work is done in class on a computer, attendance is extremely important.

### Creative Writing(005)

1 Semester  
½ credit  
Fee: No

Grades: 11, 12  
Prerequisite: none  
Elective

*Not offered every year.*

Creative writing is designed for only those students who have an interest in writing and wish to develop their creative writing skills across multiple written genres. Students will write each day and must be willing to share their talents in class. Models and examples will be studied, viewed and written. All major types of writing--poetry, humor, horror, personal essay, children's literature, short stories, satires, and various other forms--will be pursued. During the course of the semester, students are required to turn in several finished pieces of

writing as well as pre-published submissions and other examples of their writing. Deadlines are an important part of the course and students are required to meet each assigned deadline for course credit. Since the work is done in class on the computer, attendance is extremely important. Work created as a result of different Creative Writing Assignments beyond a beginners level should be submitted to *The Athenaeum* for the blind peer review selection process.

Repeating students who have previously taken Creative Writing are allowed to complete an independent study where they will work on the editorial board for the NHS literary magazine, *The Athenaeum*.

### Film Studies (060)

1 Semester  
½ credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

*Not offered every year.*

This course introduces students to the study of the art of film. Students are expected to master critical and analytical skills which aid in the analysis of specific films as works of art. In addition, students will approach film as a way to further their understanding of the concepts of literature. Feature films are viewed and discussed. Students are expected to write film reviews and give short presentations. As film viewing and discussion is accomplished in class, regular attendance is extremely important. This course is open to students in grades 9-12.

### Speech & Debate(062)

1 Semester  
½ credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

*Not offered every year.*

This course is designed to help students confront, wrestle with, and ultimately overcome one of the average American's biggest fears – namely, that of public speaking. Pupils will learn about communication theory, persuasive techniques and appeals, the art of oral presentation, electronic research fundamentals, and formal policy debate. One can expect to deliver approximately four (4) formal speeches throughout the course of the semester. Homework is minimal; class attendance, however, is essential. This course is recommended for self-motivated individuals with strong writing skills.

### Yearbook (073)

1 Year  
1 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

This course produces the NHS Reveille Yearbook. Students conceptualize, promote, and produce the yearbook that will be sold at NHS. Students develop a thematic plan for presenting the year's events. In this process students learn the rules of journalism, photojournalism, design, and business marketing. Students will learn and be required to use Canva and other digital photography software, as well as be instructed on camera use. Students will be required to photograph out-of-school events, including athletic events and other school functions while maintaining a professional appearance and attitude. They will need to have transportation to and from events and be willing to work on time-sensitive projects. The course may be repeated for additional credit. **This course does not count towards English graduation requirement.**

## **Issues in Modern Culture (Online) (055)**

1 Semester

½ credit

Fee: No

*Not offered every year.*

Grades: 10, 11, 12

Prerequisite: English 9

Elective

What does it mean to be a twenty-first-century global citizen? Through reading and writing, students will explore contemporary social issues

in order to develop informed opinions about the matters of our time. This course is designed for highly motivated, intellectually curious individuals who seek a clearer, broader perspective on the human experience. Texts studied will be of high rigor, and writing assignments will require complex thought. Students are to bring strong reading and writing skills (and an open mind) to the table.

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## Family and Consumer Science

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<u>Grade(s)</u>	<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>
9-12	605	Culinary Foundations	0.63
9-12	608	Global Foods	0.63
9-12	603	Adulting 101	0.63
9-12	604	Sustainable Design	0.63
9-12	610	Personal Fin.Mgmt.	0.63
9-12	627	Child Development	0.63
9-12	607	Unified Healthy Living	0.63
9-12	629	GRADS	1.25

### **Culinary Fundamentals (605)**

1 Semester  
0.63 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle.

Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes including grains, vegetables, fruits, and both vegan and meat based dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized. This program manages a garden to encourage sustainable food choices.

Students will be involved with planting, caretaking, harvesting, and preparing foods from the garden.

### **Global Foods (608)**

1 Semester  
0.63 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

Students will compare cuisines, ingredients and preferred cooking methods from various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market and apply advanced cooking techniques including the use

of specialty and advanced equipment in the preparation of food dishes.

### **Adulting 101 (603)**

1 Semester  
0.63 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

Adulting 101 is designed to give students an understanding of the skills and knowledge required to be a successful, contributing member of adult society. Students will be introduced to child development and family relationship concepts. An introduction to food preparation, safety and sanitation and nutritional meal choices. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills.

### **Sustainable Design (604)**

1 Semester  
0.63 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: none  
Elective

In this course students will explore a broad range of topics relating to the various aspects of design, construction, and maintenance of textiles, the home, and the yard. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques, organization, general maintenance, and environmental sustainability.

### **Child Development (627)**

1 Semester  
0.63 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

*Not offered every year.*

This class provides students with the knowledge of how parents and child care providers meet the needs of infants and young children to provide for healthy growth and development. Students will learn how children develop physically, emotionally, intellectually and socially. Prominent theories of child psychology will be studied. The value of play, reading and positive guidance will be emphasized. Health, safety and nutritional issues will be discussed.

### **Unified Healthy Living (607)**

1 Semester  
0.63 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: 605 or 608  
Elective

This course combines students of all abilities to participate in developmentally appropriate activities including cooking, sewing, and

financial management. Students will work together to increase competence and confidence in a variety of Family Consumer Science activities. Students of this course will be empowered to help create a more inclusive and accepting school environment. Interested students should indicate their interest to the FCS teacher to facilitate scheduling the course.

### **GRADS (629)**

1 Year  
1.25credits  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: See below  
Elective

(Teen Parenting Class) GRADS is a class which is held for students who have a child or are an expectant parent. The class provides resource information and guidance for teens living the dual role of parent and student. Students who wish to receive credit for the class may do so by completing assignments and projects pertaining to his/her particular situation at the time of enrollment. Those who desire to enroll in this class need to make special arrangements with the school counselor. Proof of pregnancy is required. There is no fee for the class.

## Fine Arts

<u>Grade(s)</u>	<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>
9-12	722	Photography 1	0.5
9-12	725	Photography 2	0.5
9-12	723	Art Foundations	0.5
9-12	724	Art History	0.5
9-12	727	Beg. Drawing	0.5
9-12	730	Adv. Drawing	0.5
9-12	733	Design	0.5
9-12	734	Digital Des.	0.5
9-12	736	Ceramics 1	0.5
9-12	739	Ceramics 2	0.5
9-12	740	Ceramics 3	0.5
9-12	742	Sculpture	0.5
9-12	748	Beg. Painting	0.5
9-12	751	Adv. Painting	0.5
9-12	755	AP Art History	1.0
9-12	varies	Seminar	0.5

### Photography 1 (722)

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills ½ Fine Arts Requirement

This art course teaches the basic techniques for taking pictures, developing negatives, and printing pictures. Students will complete projects using their own photography and images from other sources. Time will also be spent on art history and learning how to look at and talk about art. There is a fee for this class.

### Photography 2(725)

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: Photo 1  
Fulfills ½ Fine Arts Requirement

This art course is an extension of Photography 1. Students will further investigate and develop their skills in creating photographic imagery. Students will work independently as well as contribute to team projects. Time will be spent on art history and learning how to look and talk about art. There is a fee for this class.

### Art Foundations (723)

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills ½ Fine Arts Requirement

This is a beginning level course offered to students who wish to become familiar with simple art foundation. Students will explore basic art concepts using various disciplines, such as drawing, painting, ceramics, design, sculpture, and printmaking. A balance of select art history subjects, written reflections, reading material and general study will be included. There is a fee for this course.

### Art History (724)

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills ½ Fine Arts Requirement

This is a survey course that explores western and non-western art, from prehistory to today. This class is suited for students that want to earn fine art credit, but are not as interested in art production. Art expresses a culture's religion, labor, passion, politics and social changes. Students will examine artworks within the context of history, culture, production, aesthetics, and more.

### Beginning Drawing (727)

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills ½ Fine Arts Requirement

This is an introductory course teaching basic drawing techniques and compositional planning. Students will work with media such as pencil, ink, colored pencil, charcoal, pastels and chalks. A variety of subjects will be explored: still life, landscapes, figure drawing,

portraiture, animals, trees, etc. Time is also devoted to viewing works of famous artists, art vocabulary, and art criticism. There is a fee for this course.

### **Advanced Drawing(730)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: Beg. Draw.  
Fulfills ½ Fine Arts Requirement

This course will provide a serious art student with more classroom drawing experiences. The assignments are more complex and are intended to allow the drawing student to develop their skills as well as challenge the student's creativity. Some new techniques will be introduced while traditional mediums are revisited. There is a fee for this course.

### **Design (733)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills ½ Fine Arts Requirement

This course introduces the fundamentals of two and three dimensional designs to a beginning art student. A variety of materials and subjects will span basic elements of design such as color, line, shape and texture. This course will also explore specific fields of design such as architecture, graphic, and fashion design. Coursework also includes critiques, vocabulary, reading content and reflection responses. There is a fee for this course.

### **Digital Design (734)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills ½ Fine Arts Requirement

This is an introduction to the career of desktop publishing or computer aided graphic design. Students will learn to use several programs or software to produce works of graphic art: Adobe Illustrator; Photoshop; In Design, and scanning software. Grades are based on

completion of projects, vocabulary and performance quizzes, short reading assignments and questions, and participation. There is a fee for this course.

### **Ceramics 1 (736)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills ½ Fine Arts Requirement

This course introduces students to clay and its stages and properties through the basic hand building methods of pinch, coil and slab building. Students will glaze and fire projects using basic techniques. Through readings, writing assignments and class discussions, students will explore historical connections and various methods of critiquing art. There is a fee for this course.

### **Ceramics 2 (739)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: Ceramics 1  
Fulfills ½ Fine Arts Requirement

Skills and concepts taught in Ceramics 1 are continued and reinforced in this course. Basic skills for throwing on the potter's wheel, experimental glazing, and additional sculpting and surface techniques are introduced. In addition to completing assignments, students will be required to complete sketches, research, readings and participate in both self and class critiques. There is a fee for this course.

### **Ceramics 3 (740)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: Ceramics 2  
Fulfills ½ Fine Arts Requirement

This course is designed for students who want to further explore the techniques and skills learned in Ceramics 1 and 2 and develop an individual artistic style. Advanced throwing skills, art research, and firing methods will be introduced. In addition to completing assignments, students will be required to

complete sketches, research readings, and participate in both self and class critiques, and work independently. There is a fee for this course.

### **Sculpture (742)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills ½ Fine Arts Requirement

Students will work with cardboard, plaster, paper, clay, fabric and found objects to develop three-dimensional pieces. In addition to creating their own works, students will study various aspects of sculpture, art history, famous artworks, and famous sculptors. There is a fee for this course.

### **Beginning Painting (748)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills ½ Fine Arts Requirement

This course introduces basic painting materials/techniques using acrylic paint. Students will be introduced to the elements and principles of design. Some lessons will include the study of famous artists, styles and artistic periods in history. There is a fee for this course.

### **Advanced Painting (751)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: Beg. Painting  
Fulfills ½ Fine Arts Requirement

This course is offered to the student who wants to continue to improve their painting skills and experience other paint medium. Developing a personal style, interests, subject matter and/or medium will be encouraged. Acrylics will continue to be explored and watercolor will be introduced. Art history, critiques, and written assignments will be implemented. There is a fee for this course.

### **Art Seminar/Portfolio (varies)**

1 Semester  
0.5 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: Teacher Rec.  
Fulfills ½ Fine Arts Requirement

This course is an independent study for junior and senior art students in a selected art area. This course is designed to meet the needs of the serious art student who wants more artistic study in his/her area of interest and/or who plans to pursue art beyond high school. This course can focus on developing an art portfolio that can be used for college admission and scholarship competition. The course may be repeated three times for credit. An **"A/B"** grade must be maintained. There is a fee for this course.

### **AP Art History (755)**

1 Year  
1 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills 1 Fine Arts Requirement

*Not offered every year.*

The AP Art History course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history.

## Performing Arts (Music) Electives

Grade(s)	Course #	Course Title	Credits
9-12	762	General Vocal Music	0.5
9-12	766	Bass Chorus	1.0
9-12	769	Treble Chorus	1.0
10-12	772	Treble Chorale	1.0
10-12	773	Bass Chorale	1.0
10-12	775	Concert Choir	1.0
10-12	778	Modern Movement	1.0
9-12	782	Jazz Ensemble	1.0
9-12	784	Concert Band	1.0
9-12	787	Symphonic Band	1.0
9-12	790	Percussion Ensemble	1.0
9	792	Prelude Orchestra	1.0
10-12	793	String Orchestra	1.0
10--12	794	Sinfonia	1.0

### General Vocal Music (762)

Alternates with 765

1 Semester  
0.5 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills Fine Arts Requirement

This class will study the basics and fundamentals of professional singing. The class will study technique, form, function, and performance. After this class a student will be prepared to enter the world of singing and equipped to sing well in front of an audience. This class will include in class performances as a group. The class will learn and prepare pop music together, but there will be no individual or outside of class performances.

### Bach to Rock (765)

Alternates with 762

1 Semester  
0.5 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills Fine Arts Requirement

Bach to Rock is a general music history course. We will take time to explore music from the 1500s to the present, acknowledging the historical and musical significance of composers and their works, and why they are important.

We will study music, including popular music, up to today and understand how this music relates to our society on a social, cultural, political, and aesthetic level. This course will largely be lecture type, but will have several assignments allowing students to delve deeper. This is not a performance-based class as there will be no required singing/performing.

### Bass Chorus (766)

1 Year  
1.0 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills Fine Arts Requirement

Elective: Repeatable - Grade: 9-12

This introductory class (mostly freshmen) develops an appreciation for various kinds of choral literature and furthers the student's technical knowledge of music. Participation in the annual Fall, Holiday and Spring Concerts, District and State Contests and other performance opportunities is required, as is purchase of a performance outfit. For voices in Tenor or Bass range.

### Treble Chorus (769)

1 Year  
1.0 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: No  
Fulfills Fine Arts Requirement

Elective: Repeatable - Grade: 9-12

This introductory class (mostly freshmen) develops an appreciation for various kinds of choral literature and furthers the student's knowledge of music. Participation in the annual Fall, Holiday, and Spring Concerts, District and State Contests, and other limited-performance opportunities is required, as is purchase of a performance outfit. For voice in Alto or Soprano range.

### TrebleChorale (772)

1 Year  
1.0 credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: 769  
Fulfills Fine Arts Requirement

Elective: Repeatable - Grade: 9-12

This intermediate-level course is a select group of voices (mostly sophomores and juniors) in the soprano and alto range with an emphasis on the development of choral musical skills. A wide variety of music will be introduced to and performed by this group. The chorale is required to perform for the Fall, Holiday and Spring Concerts, contests and community and school activities. The purchase of a performance outfit is required. **Audition required.**

### **BassChorale (773)**

1 Year Grades: 10, 11, 12  
1.0 credit Prerequisite: 766  
Fee: No Fulfills Fine Arts Requirement

Elective: Repeatable - Grade: 9-12

This intermediate-level course is a select group of voices (mostly sophomores and juniors) in the tenor and bass range with an emphasis on the development of ensemble musical skills. A wide variety of music will be introduced and performed by this group. The ensemble is required to perform for the Fall, Holiday and Spring Concerts, contests, and community and school activities. The purchase of a performance outfit is required. **Audition required.**

### **Concert Choir (775)**

1 Year Grades: 10, 11, 12  
1.0 credit Prerequisite: 772/773  
Fee: No Fulfills Fine Arts Requirement

Elective: Repeatable - Grade: 10-12

This is an advanced level mixed ensemble (mostly juniors and seniors) with emphasis placed on development of musical skills, enabling the group to perform a wide variety of more difficult literature. Participation in the annual fall, holiday, and spring Concerts; all contests; as well as civic, community and school

activities is required. The rental/purchase of a performance outfit is required. Outside rehearsals occur frequently. **Audition Required.**

### **Modern Movement (778)**

1 Year Grades: 10, 11, 12  
1.0 credit Prerequisite: Audition  
Fee: No Fulfills Fine Arts Requirement

Modern Movement is Newark's premier pop a cappella group. This group will delve into contemporary pop using nothing more than voices and vocal percussion. Modern Movement is designed for serious musicians who can independently hold their own part and are solo-ready. Modern Movement is the primary touring ensemble for the Newark Choirs and has a steady stream of out of school commitments all year long. This ensemble requires an audition and will require the purchase of performance outfits.

### **Jazz Ensemble (782)**

1 Year Grades: 9, 10, 11, 12  
1.0 credit Prerequisite: No  
Fee: Yes Fulfills Fine Arts Requirement

Jazz Ensemble performs a cross-section of music not covered in any other performing ensemble at Newark High School. Jazz Ensemble is open to all traditional band instruments, but also any student who may perform on piano, guitar, bass, or vocalist. Any percussionist or brass/woodwind player must first be a member of either the percussion ensemble, concert, or symphonic band (by completing an audition).

### **Concert Band (784)**

1 Year Grades: 9, 10, 11, 12  
1.0 credit Prerequisite: Audition  
Fee: Yes Fulfills Fine Arts Requirement

Elective: Repeatable - Grade: 9-12

Concert band is a band for all ability levels at Newark High School. The group will perform a variety of music and there is an expectation of

commitment for in-school, after school, and weekend experiences. Members of the concert band must complete an audition. To be eligible for marching band participation, students must be a member of either concert band, symphonic band, or percussion ensemble.

### **Symphonic Band (787)**

1 Year  
1.0 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: Audition  
Fulfills Fine Arts Requirement

Symphonic Band is the top performing ensemble in the Band Department. Along with performing challenging and rewarding music, there is a high expectation of commitment for in-school, after school, and weekend experiences. Members of the symphonic band must complete an audition. To be eligible for marching band participation, students must be a member of either concert band, symphonic band, or percussion ensemble.

### **Percussion Ensemble (790)**

1 Year  
1.0 credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: 8<sup>th</sup> grade band  
Fulfills Fine Arts Requirement

Percussion Ensemble is a performing ensemble for all percussionists at Newark High School. The class serves three primary functions: marching band sectionals for the battery and front ensemble of the Pride of Newark, supplemental performers for the concert and symphonic band (based on percussion needs for each group), performing as small and large ensembles at OMEA Solo & Ensemble, and the annual Percussion Ensemble Concert. Members of the percussion ensemble must complete an audition. To be eligible for marching band participation, students must be a member of either concert band, symphonic band, or percussion ensemble.

### **Prelude Orchestra (792)**

1 Year  
1.0 credit  
Fee: No

Grades: 9  
Prerequisite: 8<sup>th</sup> grade Orchestra  
Fulfills Fine Arts Requirement

The Newark High School Prelude Orchestra consists of ninth grade string players. All eighth grade orchestra students who have maintained good standing in their middle school strings courses are invited to participate in the Prelude Orchestra. This ensemble allows musicians in their first year of the high school orchestra program to rapidly develop and hone their technical and musical skills. Emphasis is placed on advanced technique, including 2 octave scales, shifting, advanced bowing technique, and sight-reading. Students will prepare and perform a wide variety of repertoire focusing on instrument technique and ensemble skills, as well as music theory and history. Prelude Orchestra serves as a training ensemble and prerequisite for String Orchestra and Sinfonia.

### **String Orchestra (793)**

1 Year  
1.0 credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: Prelude  
Fulfills Fine Arts Requirement

Elective: Repeatable - Grade: 10-12

String Orchestra is an advanced orchestra consisting of string students in grades 10-12. String Orchestra presents 5-6 concerts each year in addition to participating in OMEA contest and festival events. Participation in these activities is required. String Orchestra emphasizes improving technical and musical skills through daily exercises and the preparation of standard string orchestra literature. Participation in occasional after-school rehearsals may be required. Private lessons are encouraged, but not required.

### **Sinfonia (794)**

1 Year  
1.0 credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: Audition  
Fulfills Fine Arts Requirement

Sinfonia is an elite orchestra consisting of string students in grades 10-12. Sinfonia presents 5-6 concerts each year in addition to participating in OMEA contest and festival events. This ensemble may also participate in school, community and civic events. Participation in these activities is required. In addition to daily technical exercises, this ensemble provides students the opportunity to prepare and perform high-level string orchestra literature that explores a variety of musical styles. Participation in occasional after-school rehearsals may be required. Private lessons are strongly encouraged. **Audition required.**

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## Theatre/Drama Electives

Grade(s)	Course #	Course Title	Credits
9-12	700A	Acting 1	0.5
9-12	700B	Stage Design	0.5
9-12	703	Acting 2	0.5
10-12	718	Acting Ensemble	1.0

**\*\*These classes will only be offered if we have sufficient student enrollment.**

### Acting1 (700A)

1 Semester  
0.5 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills Fine Arts Requirement

This class is appropriate for all grade levels. Students will learn the basics of theater including drama vocabulary, acting, plays and theater history. Students will learn how to become a part of NHS drama. This is an interactive class with a focus on working together as a group and performing for peers. Homework is minimal but class attendance is ESSENTIAL! Assessment includes projects, participation and school-required quarterly tests.

### Stage Design (700B)

1 Semester  
0.5 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills Fine Arts Requirement

This class is appropriate for all grade levels. Students will learn the technical aspects of theater including drama vocabulary, set building, costuming, and theatrical lighting. Students will learn how to become a part of NHS drama. This is an interactive class with a focus on working together as a group and

designing plays. Homework is minimal but class attendance is ESSENTIAL! Assessment includes projects, participation and school-required quarterly tests.

### Acting 2 (703)

1 Semester  
0.5 credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: Acting 1  
Fulfills Fine Arts Requirement

This course emphasizes the art of acting, preparing a character and scene, and understanding theories of acting. Students will be required to perform for peers and an audience. Class attendance and participation is ESSENTIAL to earn credit. Homework is minimal. This class is appropriate for students who have passed Intro to Drama.

### Acting Ensemble (718)

1 Year  
1.0 credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: Audition  
Fulfills Fine Arts Requirement

Students will learn to work as an ensemble by performing two shows per year: one comedy and one drama. Students will be responsible for every step of creating the plays as a group, including reading scripts and picking plays, creating sets and costumes, developing characters, rehearsing and performing. Attendance and participation are essential. Some after-school rehearsals will be required. Auditions will be held at end of previous school year. Audition will include a prepared dramatic monologue and a comedic improv performance.

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## Foreign Language

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In our increasingly global society, it is extremely important to have knowledge of a foreign language and understanding of foreign cultures. In the future you may be working for international companies and traveling to foreign lands or to other parts of our own country where English is not the language of the majority of the people.

Foreign language is an elective course, but most colleges recommend 3-4 years of one language or 2 years each of two languages. We offer two languages: French and Spanish. There is not one language which is easier than the other. Choose the one you are most interested in learning about.

*A minimum grade of "C" in English is recommended to begin language study, and a minimum grade of "C" is recommended to advance to the next level in order to ensure continued success in the class.*

You may choose to take more than one language at the same time. All courses emphasize the four skill areas (listening, speaking, reading, and writing) plus culture. Learning a foreign language requires a daily commitment to study. If you are college-bound, you should continue language study through your senior year to be prepared for college placement tests.

Travel opportunities are also available to upper level students.

### Courses Offered

<u>Grade(s)</u>	<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>
9-12	105	French 1	1.0
10-12	108	French 2	1.0
11-12	111	French 3	1.0
12	114	French 4	1.0
12	117	AP French	1.0
9-12	144	Spanish 1	1.0
10-12	147	Spanish 2	1.0
11-12	150	Spanish 3	1.0
12	153	Spanish 4	1.0
12	157	AP Spanish	1.0

### French 1 (105)

1 Year  
1.0 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

In this course, you will be introduced to French through stories and videos. You will begin to understand through practicing your skills of listening, reading, speaking, and writing. You will learn about life in various French-speaking countries. Assessments will be given periodically mainly on reading and listening skills with some assessments of writing and speaking skills. Homework is infrequent, but class attendance and participation are essential to your progress.

Teachers will speak in the target language a majority of the time. Students must speak periodically in the target language.

### French 2 (108)

1 Year  
1.0 Credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: French 1  
Elective

This course builds on the reading, listening, writing, and speaking skills learned in French 1. You will continue to learn and use vocabulary based on commonly used words and phrases in the French language. In addition to learning the

language, you will learn about the various cultures and histories in the French-speaking world. There will be assessments that will gauge your reading and listening comprehension as well as your writing and speaking output. Class attendance and participation are essential for success.

Teachers will speak up to 50% in the target language. Students will be expected to write at a Novice High level in French the majority of the time by the end of the year.

### **French 3 (111)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: French 2  
Elective

In the beginning intermediate level course, you will continue to build on your language skills through input (listening and reading). You will then show what you have learned through speaking and writing activities. We will incorporate different Francophone cultures into every speaking and writing activities. We will incorporate different Francophone cultures into every lesson as we discuss the following possible themes: art, human geography, extreme weather conditions, food and economy, education and professional careers, and alienation and assimilation. To develop better listening skills in French, we will watch two different video series (extr@ and Café des Reves). This course is designed for academically motivated students who enjoy a challenge and wish to improve their speaking skills, as well as listening, reading, and writing skills. Students will be required to speak in French in this class. French 3 is designed to serve as a bridge to French 4 or AP French. Every other year, you may also have the opportunity to travel to France during spring break.

Teachers will speak up to 90% in the target language. Students will be expected to speak

and write at an Intermediate Low level in French the majority of the time.

### **French 4 (114)**

1 Year  
1.0 Credit  
Fee: No

Grades: 12  
Prerequisite: French 3  
Elective

In this class, students will continue working on their reading, writing, speaking and listening skills at an intermediate level. Students will explore the themes of family/friends, identity, contemporary life, global challenges and beauty/aesthetics within a French context. Our activities will include creating a French wedding, reading and discussing French books, viewing thematic French films, debating technology, corresponding with e-pals, presenting global current events and focusing on French art. Periodic projects will be assigned and there will be homework several days a week. The teacher and students will speak French 90% of the time.

### **AP French (117)**

1 Year  
1.0 Credit  
Fee: No

Grades: 12  
Prerequisite: French 3  
Elective

*Not offered every year.*

At this level, you will prepare for the Advanced Placement French Language exam in the spring. In addition to an emphasis on all four skills (reading, writing, speaking and listening), advanced grammar is an integral part of the course. Literature and culture of French-speaking countries will also be a focus. This course is taught entirely in French and students are expected to communicate in French. Assignments will consist of tests, quizzes, projects, presentations and homework. This course will require work the preceding summer. You may have the opportunity to participate in a trip to France. A weighted grade can be attained by students in this class. Students are required to take the Advanced Placement Exam in May.

Teachers will speak 100% in the target language. Students will speak 100% in the target language.

### **Spanish 1 (144)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 9, 10, 11, 12  
Prerequisite: None  
Elective

You will begin to understand spoken and written Spanish as well as to speak the language. You will be provided with opportunities to improve your level of proficiency through reading and listening to the language a majority of the time. You will learn about many Spanish-speaking countries of the world. Minimal homework assignments. Assessments will be given periodically mainly on reading and listening skills with some assessment of writing and speaking skills. Class attendance and participation are essential for success.

Teachers will speak in the target language a majority of the time. Students must speak periodically in the target language.

### **Spanish 2 (147)**

1 Year  
1.0 Credit  
Fee: No

Grades: 10, 11, 12  
Prerequisite: Spanish 1  
Elective

This course builds on the reading, listening, writing, and speaking skills learned in Spanish 1. You will continue to learn and use vocabulary based on commonly used words and phrases in the Spanish language. In addition to learning the language, you will learn about the various cultures and histories in the Spanish-speaking world. There will be assessments that will gauge your reading and listening comprehension as well as your writing and speaking output. Class attendance and participation are essential for success.

Teachers will speak up to 50% in the target language. Students will be expected to write at

a Novice High level in Spanish by the end of the year.

You may have the opportunity to participate in a trip to a Spanish-speaking country.

### **Spanish 3 (150)**

1 Year  
1.0 Credit  
Fee: No

Grades: 11, 12  
Prerequisite: Spanish 2  
Elective

This course is designed to improve your ability to communicate in Spanish. You will further develop your skills in reading, listening, and writing, while trying out your speaking skills. You will continue to learn about Hispanic cultures throughout the year via reading and listening to short stories as well as watching a video series, Extr@. This course is designed for academically motivated students who enjoy a challenge and wish to improve their speaking skills, as well as listening, reading, and writing skills. Students will be required to speak in Spanish in this class. Participation is key to acquiring a new language. Spanish 3 is designed to serve as a bridge to Spanish 4 or AP Spanish.

Teachers will speak up to 90% in the target language. Students will be expected to speak and write in Spanish at an Intermediate Low level the majority of the time.

You may have the opportunity to participate in a trip to a Spanish-speaking country.

### **Spanish 4 (153)**

1 Year  
1.0 Credit  
Fee: No

Grades: 12  
Prerequisite: Spanish 3  
Elective

Students will focus on continued improvements of all proficiency skills. Students will read, show comprehension of, and discuss a short novel. Students will improve skills in listening and cultural knowledge by watching various video series designed for this level, as well as

watching a few films appropriate to their understanding. The course will also include a focus on intermediate and advanced grammar as well as more in-depth study of the many Spanish-speaking countries. There will be tests, quizzes, projects and presentations. Homework will be assigned periodically.

The teacher and students will speak Spanish 90% of the time.

You may have the opportunity to participate in a trip to a Spanish-speaking country.

### **AP Spanish (157)**

1 Year

1.0 Credit

Fee: Yes

*Not offered every year.*

Grades: 12

Prerequisite: Spanish 3

Elective

This course is designed around and covers the six themes of AP Spanish Language and Culture.

At this level, you will prepare for the Advanced Placement Spanish Language and Culture exam in the spring. This course is taught entirely in Spanish and students are expected to communicate only in Spanish. In addition to an emphasis on the four skills, advanced grammar is an integral part of this course. Literature and culture of Spanish-speaking countries will also be a focus. There will be tests, quizzes, projects and presentations and homework will be assigned several times per week. This course will require work the preceding summer. You may have the opportunity to participate in a trip to a Spanish-speaking country. A weighted grade can be attained by students in this course. Students are required to take the Advanced Placement Exam in May.

Teachers will speak 100% in the target language. Students will speak 100% in the target language.

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## Health and Physical Education

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### Courses Offered

Grade(s)	Course #	Course Title	Credits
9-12	800	Health	0.5
9-12	800O	Health <i>Online</i>	0.5
9-12	801	Physical Education 1	0.25
9-12	802	Physical Education 2	0.25
9-12	803	Unified PE	0.25
9-12	807	Personal Fitness 1	0.25
9-12	808	Personal Fitness 2	0.25
9-12	810	Weight Training <i>1<sup>st</sup> semester</i>	0.25
9-12	817	Weight Training <i>2<sup>nd</sup> semester</i>	0.25

- PE courses are only worth  $\frac{1}{4}$  credit. A student must successfully complete two (2) PE courses to satisfy his/her physical education graduation requirement.
- PE1, PE2, and Personal Fitness may count towards the  $\frac{1}{2}$  credit of PE required for graduation. *Weight Training does not count.*
- Students may exempt  $\frac{1}{2}$  credit of PE if they participate in at least 2 full seasons of interscholastic athletics, marching band, cheerleading or 2 years of ROTC.
- Courses beyond the required  $\frac{1}{2}$  credit of PE cannot be used to count toward the 4 elective credits needed for graduation.

### Health (800)

1 Semester  
0.5 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills Health Requirement

Health is a semester course that will guide students through the many dimensions of wellness. Students will develop skills needed in confronting difficult situations. Understanding health allows one to become literate in making positive and healthy decisions.

Topics to be covered include:

- What is Health? (10 factors that make up health)
- Organ Body Systems
- Drugs, Alcohol, Tobacco, Vape Education
- Mental and Emotional Development
- Stress Management/Positive Decision Making
- Relationships
- Nutrition

### Health (Online) (800O)

1 Semester  
0.5 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills Health Requirement

Health is a semester long online course that will guide students through the many dimensions of wellness. Students will develop skills needed in confronting difficult situations. Understanding health allows one to become literate in making positive and healthy decisions.

Same Course Outline as traditional Health.

Tools Needed to Complete Course:

- Students will need Internet access
- Microsoft Office (Word, Power Point)
- Email

*This class will be completed at home, not scheduled at NHS.*

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### **Physical Education 1& 2 (801/802)**

1 Semester  
0.25 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills PE Requirement

The student must wear specified gym clothes on a daily basis. Daily activities include exercise, jogging, and a variety of team and lifetime sports, with hope the student will discover and experience the benefits of these physical activities. Detailed instruction is given with each activity plus practice opportunities. A variety of written tests and skill tests, as well as a running test will be administered in determining the student's grade. All jewelry and piercings must be removed in PE classes as a safety factor.

### **Unified PE (803)**

1 Semester  
0.25 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills PE Requirement

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Students of this course will be empowered to help create a more inclusive and accepting school environment.

### **Personal Fitness 1 & 2 (807/808)**

1 Semester  
0.25 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: None  
Fulfills PE Requirement

This course focuses on the importance of fitness and covers various aspects such as physical activity, both team and individual sports, and assessing personal exercise needs and preferences. It also includes training methods for improving flexibility, aerobic and anaerobic fitness, strength, and endurance, along with exercise safety.

The personal fitness class is designed to help students establish lifelong fitness habits while learning how to exercise in a safe and effective manner.

All jewelry and piercings must be removed in PE classes as a safety factor.

### **Weight Training 1 & 2 (810/817)**

1 Semester  
0.25 Credit  
Fee: No

Grades: 9, 10, 11, 12  
Prerequisite: PE 1  
Elective

Students will participate in a program of weight training, body building, power lifting and general conditioning outlined by the instructor to meet individual needs and goals. All jewelry and piercings must be removed in PE classes as a safety factor.

### **Physical Education and Credit Flexibility**

Physical education teaches students the importance and value of physically active lifestyles. There are a variety of benefits gained through physical education. Personal health, social skills, self-esteem, motor skills and knowledge base are areas that can be positively impacted. By using credit flexibility plans, students can pursue individual interests, at their own expense, while meeting state standards and local curriculum to fulfill Ohio Graduation Requirements. One-half (.5) credits of Physical Education are required for graduation; students may choose the credit flexibility option for two semesters (.25 credits a semester) by submitting a separate plan for each identified semester. The student will be responsible for aligning his or her plan to the state standards, provide a description of the activity and explain how competency will be met. Plans for this option must be in place by May 1<sup>st</sup>. See your guidance counselor if you are interested.

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## Mathematics

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### 4 credits required for graduation, must include Algebra 2 or equivalent

Grade(s)	Course #	Course Title	Credits
9	323	Algebra	1.0
9-12	330	Geometry	1.0
9-12	335	Enriched Geometry	1.0
10-12	340	Algebra 2	1.0
11-12	342	Statistics and Probability	1.0
11-12	344	Mathematical Modeling and Reasoning	1.0
10-12	345	Enriched Algebra 2	1.0
11-12	360	Pre-Calculus	1.0
11-12	365	Enriched Pre-Calculus	1.0
11-12	343	Consumer Algebra	1.0 math 0.5 fin.lit.
11-12	370	AP Statistics	1.0
11-12	375	AP Calculus AB	1.0
9-12	395	Robotics	0.5 math
9-12	397	Math Puzzle and Game Theory	0.5
10-12	399	Sports Analysis and Statistics	1.0 math 0.5 tech.

### Algebra 1 (323)

1 Year Grades: 9  
 1.0 Credit Prerequisite: None  
 Fee: No Fulfills 1 credit Math

This course meets the needs of all learning levels by providing an accessible approach that helps students be successful in Algebra 1. This course will prepare students to take the End-Of-Course exam in Algebra. The course covers the state learning standards and is appropriate for a college or career bound student. Most 9<sup>th</sup> graders will take this course.

### Geometry (330)

1 Year Grades: 9-10  
 1.0 Credit Prerequisite: Algebra  
 Fee: No Fulfills 1 credit Math

This course examines lines, shapes, area, and volume. This course will prepare students to take the End-Of-Course exam in Geometry. The course covers the state learning standards and is appropriate for a college or career bound student. Most 10<sup>th</sup> graders will take this course.

### Enriched Geometry (335)

1 Year Grades: 9-10  
 1.0 Credit Prerequisite: Algebra  
 Fee: No Fulfills 1 credit Math

Enriched Geometry is for students with above average math abilities. The course is designed to challenge students who excel in math and would like more of a challenge. This course examines lines, shapes, area, and volume. This course will prepare students to take the End-Of-Course exam in Geometry. The course covers the state learning standards and goes beyond to provide enrichment and challenge.

### Algebra 2 (340)

1 Year Grades: 11, 12\*  
 1.0 Credit Prerequisite: Geometry  
 Fee: No Fulfills 1 credit Math

This course is an extensive study of solving equations and graphing different types of functions: linear, quadratic, polynomial and rational. This course covers the State Learning Standards and is appropriate for students who are college or career bound.

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### Statistics and Probability (342)

1 Year  
1.0 Credit  
Fee: No

Grades: 11-12  
Prerequisite: Geometry  
Fulfills 1 credit Math

Designed for students who do not intend to pursue a college major requiring calculus, Statistics and Probability can be used as a third or fourth mathematics credit option for students and can serve as an equivalent option for the Algebra 2 requirement. The purpose of this course is to introduce the major concepts and tools for collecting, analyzing and drawing conclusions from data. Critical thinking is the primary objective and outcome.

### Mathematical Modeling and Reasoning (344)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11-12  
Prerequisite: Geometry  
Fulfills 1 credit Math

Designed for students who do not intend to pursue a college major requiring calculus, this course is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. Critical thinking is the primary objective and outcome.

### Enriched Algebra 2 (345)

1 Year  
1.0 Credit  
Fee: No

Grades: 10-11  
Prerequisite: Geometry  
Fulfills 1 credit Math

Enriched Algebra 2 is for students with above average math abilities. The course is designed to challenge students who excel in math and would like more of a challenge. This course is a more in depth study of the Algebra 2 curriculum. Additional topics include matrices, conics, and exponential/logarithmic functions.

### Consumer Algebra (343)

1 Year  
1.5 Credits  
Fee: No

Grades: 11, 12  
Prerequisite: Geometry  
Fulfills 1 credit Math

1 credit Consumer Algebra (343)  
½ credit Financial Literacy (265)

Consumer Algebra is a comprehensive course designed to equip students with the mathematical tools necessary for achieving financial independence. This engaging curriculum integrates algebraic skills with real-world financial applications, ensuring students are prepared to manage their personal finances effectively and responsibly. The course satisfies the requirements for a math credit and a half credit in financial literacy, making it a beneficial component of any student's education, including students who are college bound or entering directly into the workforce. Key topics include pre-employment and employment basics, banking services, loan fundamentals, building and maintaining credit, investing, retirement savings, taxes, and insurance.

This does not count for Advanced Math in Honors Diploma

### AP Statistics (370)

1 Year  
1.0 Credit  
Fee: No

Grades: 11, 12  
Prerequisite: Algebra 2  
Fulfills 1 credit Math

This course is an extension of the basic statistical analysis that students study in Algebra and Geometry. This course will focus on hypothesis testing to analyze data from samples obtained different populations. This course will include many projects to show your knowledge of the content. All students are required to take the Advanced Placement Examination.

## Robotics (395)

1 Semester  
0.5 Credit  
Fee: No  
*Not offered every year.*

Grades: 9-12  
Prerequisite: Algebra 1\*  
Fulfills 1/2 credit Math

Explore this introductory computer programming course. This course is designed for students interested in learning more about programming. Students will learn to write, compile and execute simple programs to solve problems. Fundamentals such as data types, strings, loops, conditional statements, variables, truth tables, Boolean numbers and arithmetic operators will be explored. The course provides students with a solid background of standard computer logic, which will enhance problem-solving skills. This course is designed to be a rewarding and a fun learning experience for all students.

**\*Prerequisite:** Algebra 1 or previous coursework in robotics.

## Math Puzzles and Game Theory (397)

1 Semester  
0.5 Credit  
Fee: No

Grades: 9-12  
Prerequisite: None  
Fulfills 0.5 credit Math

This course is designed to be a real world, problem based learning class. It includes such topics as probability of games and game shows; logic and reasoning behind traveling, bargaining, chess, and other games; the stock market, economics, cryptography, statistics; paradoxes, math history, infinite series, and other math puzzles.

**This does not count for Advanced Math in Honors Diploma**

## Pre-Calculus (360)

1 Year  
1.0 Credit  
Fee: No

Grades: 11, 12  
Prerequisite: Algebra 2  
Fulfills 1 credit Math

This course deals with advanced algebra and trigonometry.

## Enriched Pre-Calculus (365)

1 Year  
1.0 Credit  
Fee: No

Grades: 11, 12  
Prerequisite: Algebra 2  
Fulfills 1 credit Math

This course is designed to prepare a student for AP Calculus or a college calculus course. It includes such topics as trigonometry, parametric equations, logarithms, and limits. As with other enriched courses, this course is designed for students who excel or are gifted in math and seek more of a challenge than the traditional pre-calculus course.

## AP Calculus AB(375)

1 Year  
1.0 Credit  
Fee: No

Grades: 12  
Prerequisite: Pre-Calculus  
Fulfills 1 credit Math

This course covers the topics of limits, differentiation and integration and their applications. All students are required to take the Advanced Placement Examination.

## Sports Analysis and Statistics (399)

1 Year  
1.5 Credits  
Fee: No  
1 credit Math  
½ credit Technology

Grades: 11, 12  
Prerequisite: Geometry  
Fulfills 1 credit Math

This class will challenge students to think more in-depth about sports analysis and will include the study of advanced metrics used every day by professional sports teams and writers. Students will learn a variety of statistical methods through a sports lens and will apply critical thinking skills in solving problems. Coursework will include presentations, spreadsheets, writing and analysis. Students may also have the opportunity to work with Wildcat athletic teams to evaluate game film and track statistics.

**This does not count for Advanced Math in Honors Diploma**

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## Science

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### 3 credits required for graduation:

**Physical Science**

**Biology**

**Advanced Science**

Grade(s)	Course #	Course Title	Credits
9	406	Physical Science	1.0
9	408	Enriched Physical Science	1.0
10	410	Biology	1.0
10	415	Enriched Biology	1.0
11, 12	403	Environmental Science	
11, 12		Physical Geology	
11, 12	420	Chemistry	1.0
11, 12	428	Enriched Chemistry	1.0
9-12	445	Engineer Your World- Engineering Design and Analysis	1.0
10-12	447	Engineer Your World - Engineering Applications of Computer Science	1.0
11, 12	423	Forensic Science	0.5
11, 12	437	Material Science	0.5
12	430	Physics	1.0
12	435	Enriched Physics	1.0
12	436	AP Physics	1.0
11, 12	440	AP Biology	1.0
11, 12	441	Anatomy and Physiology	1.0
11, 12	405	AP Environmental Science	1.0
12	429	AP Chemistry	1.0

### Physical Science (Lab) (406)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 9  
Prerequisite: None  
Fulfills Phys. Sci. Credit

This course follows the state learning standards and is appropriate for college and career bound students. Students will be exposed to a variety of concepts from basic chemistry, physics and the universe. Tests, projects, labs, and written work will be used to assess student knowledge

of overall concepts. Basic applied mathematical skills are required for this course.

### Enriched Physical Science(Lab) (408)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 9  
Prerequisite: None  
Fulfills Phys. Sci. Credit

Enriched Physical Science covers similar topics as Physical Science; however, students will learn core topics in more depth. There will also be a faster pace, and more individual responsibility to understand the information. The course will cover the basic of chemistry, physics, and space science to prepare students for science courses. Students will also have the opportunity for more individual projects, including a year-end 12-minute presentation. Knowledge of basic algebra is required.

### Biology (Lab) (410)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 10  
Prerequisite: None  
Fulfills Biology Credit

A full year course including a review of the nature of science and the scientific method, a survey of the six kingdoms of living organisms, and the study of basic cell processes. This course will be conducted through lecture, video, and hands-on labs, some of which involve the microscope and dissection of various specimens. The areas of ecology, cell structure, reproduction, genetics, and evolution will be discussed within the course. Assessment includes tests, homework and labs. There is a fee for this course.

### Enriched Biology (Lab) (415)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 10  
Prerequisite: None  
Fulfills Biology Credit

This course is designed to prepare students for AP biology and ultimately for science-related courses of study in college. It covers similar topics as Biology; however, topics are covered more in depth with more reading, writing, and complicated labs. Topics covered include cells, transformation of energy, protein synthesis, genetics, evolution and ecology.. Assessments include tests, homework, labs and projects. There is a fee for this course.

### Environmental Science (Lab) (403)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: None  
Fulfills Advanced Credit

This course satisfies the third year of science requirement. Environmental science incorporates biology, chemistry, physics, and physical geology and introduces students to key concepts, principles and theories within environmental science.

Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

### Physical Geology (Lab) (442)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: None  
Fulfills Advanced Credit

This course satisfies the third year of science requiremen. Physical Geology incorporates chemistry, physics and environmental science and introduces students to key concepts, principles and theories within geology. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate

scientific reasoning, analysis, communication skills and real-world applications. Topics include minerals, rocks, Earth's internal structure, plate tectonics, geologic structures, the rock cycle, and surface/subsurface processes.

### Chemistry (Lab) (420)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Alg., Phys. Sci, Bio.  
Fulfills Advanced Credit

This chemistry course is designed for students planning to attend college, but not necessarily majoring in science. Atomic structure, periodic table trends, chemical bonding, intermolecular forces, chemical reactions, molar concepts, limiting reactants, solubility, gas laws and qualitative analysis are some of the concepts covered. Laboratory work is required. This course is assessed through tests, quizzes, lab work, homework, and classwork. There is a fee for this course that includes chemical laboratory grade goggles.

### Enriched Chemistry (Lab) (428)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Alg., Geo.,Phys. Sci, Bio.  
Fulfills Advanced Credit

This Chemistry course is recommended for students pursuing careers in science related fields. It covers similar topics as Chemistry; however, they will be covered in more depth with more mathematical applications and at a faster pace. Topics covered include matter, energy, atomic structure, bonding, phases of matter, chemical reactions, limiting reactants, solutions, gas laws, acids and bases and qualitative analysis. Laboratory work is required. This course is assessed through tests, quizzes, laboratory work, homework, and class work. There is a fee for this class that includes chemical laboratory grade goggles. **Must be enrolled in Algebra 2 or a higher math.**

### Forensic Science (Lab) (423)

1 Semester  
0.5 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Phys. Sci, Bio.  
Fulfills 1/2 Advanced Credit

This semester class is an introduction to forensic science that satisfies an Advanced Science credit. The concepts studied are: the application of science to law, citizens' rights, fingerprints, hair, fibers, blood, DNA, human remains, anthropology, and toxicology. Graded work for this course includes concept packets, labs, readings, video questions, activities, worksheets, writing assignments, open note tests, and crime scene scenario analysis.

### Materials Science (Lab) (437)

1 Semester  
0.5 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Phys. Sci, Bio.  
Fulfills 1/2 Advanced Credit

This is an introductory course in material science in which students will explore the "stuff" from which things are made. Students will explore the nature and properties of metals, plastics, ceramics and composites through hands-on laboratory activities. Materials Science will review and apply concepts learned in physical science to understand how the structure of materials can be altered to give them new properties. Students will gain an appreciation for the use of materials and the need for the development of new materials to meet the demands of twenty-first century technology. Attendance is crucial since lab activities are a major component of the class. There will be a lab fee for this course.

### AP Chemistry (Lab) (429)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Alg. 2, Enriched Chemistry  
Fulfills Advanced Credit

This second year chemistry course utilizes text and laboratory materials designed for college level study. Topics included are structure and states of matter, chemical reactions and chemical calculations, chemical kinetics, chemical equilibria, thermodynamics, electrochemistry, acids, bases and buffers. The course will begin with summer work to review basic chemistry concepts. Lab work is required and may include extra time outside of class. Students are required to take the Advanced Placement Exam. Assessments include tests, quizzes, homework, and labs as well as analysis or reading and written lab reports. There is a fee for this course.

### Conceptual Physics (Lab) (430)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Alg., Phys. Sci, Bio.  
Fulfills Advanced Credit

This course is recommended for students planning to enter a non-science college program or students interested in technical schools. The emphasis of this laboratory course is on physics in our everyday lives. Major topics include motion, forces, energy, electricity, magnetism, waves, sound, and light. Completion of projects applying physics concepts is part of the assessment for this course as well as tests and labs. There is a fee for this course.

### Enriched Physics (Lab) (435)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Corequisite: Pre-Calc  
Fulfills Advanced Credit

This course is recommended for above average college-bound students who want to be challenged and those planning to pursue engineering or other science related careers. The emphasis of this course is placed on problem solving skills and analytical thinking. The subject matter is that of a firstsemester college physics course without calculus. The topics included in this laboratory course include kinematics (study of the description of motion), dynamics (the study of the causes of motion), angular motion with options for wave motion, light, sound, and electricity. The application of these topics to everyday life is emphasized. Completion of projects applying physics is a required part of this course. There is a fee for this course. **Should be enrolled in Pre-Calculus or Calculus.**

### AP Physics 1 (Lab) (436)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Enr. Bio., Pre-Calc  
Fulfills Advanced Credit

This course utilizes text and laboratory materials designed for college level study. Topics included are the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, power and fluid dynamics. Lab work is required and may include extra time outside of class. Students are required to take the Advanced Placement Exam. Assessments include tests, homework and labs. There is a fee for this course.

### AP Biology (Lab) (440)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Enr. Bio.  
Fulfills Advanced Credit

This second year biology course utilizes text and laboratory materials designed for college level study. Students will cultivate their understanding of biology through question-based investigations as they explore topics that include biochemistry, cellular processes, genetics, evolution, and ecology. Graded work will include homework, lab work, tests, and quizzes. This course is highly recommended for students interested in biology or pursuing a career in medicine or science. Students are required to take the Advanced Placement Test. There is a fee for this course.

### Anatomy & Physiology(441)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Biology  
Fulfills Advanced Credit

This is a second year biology course recommended for students interested in a health related profession. After a review of basic chemistry and topics in biology and organic chemistry, students will examine the structure (anatomy) and function (physiology) of tissues, and the major vertebrate body systems. Emphasis is placed on humans and the cat as representatives. Students are expected to be able to work independently or in small groups. Dissection of an advanced specimen and other representative organs are a part of the curriculum. There is a fee for this course.

### **AP Environmental Science (Lab) (405)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11, 12  
Prerequisite: Bio, PhysSci, Algebra  
Fulfills Advanced Credit

This advanced science course is designed for college-level study. It will provide students with the scientific principles required to understand the interrelationships of the natural world and identify and analyze natural and human-induced environmental problems. It will enable them to learn how to assess the risks associated with these problems and evaluate alternative solution for resolving and preventing them. Topics covered will include ecology, water, environmental laws, toxicology, waste management, energy climate change, global population, conservation and resource management, soil, and agriculture. This course will include lab investigations and outside fieldwork. Students are required to take the Advanced Placement Test. There is a fee for this course.

### **Engineer Your World: Engineering Design and Analysis (445)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 9-12  
Prerequisite: Phys. Science\*  
Fulfills Advanced Credit

This course is an innovative, high-quality engineering curriculum that engages students in authentic engineering practices in a project-based environment. The course scaffolds students learning over a series of engaging and

socially relevant design challenges, and requires purposeful application of relevant STEM (Science, Technology, Engineering, and Math) concepts. This course is completed largely in groups.

\*Open to 9<sup>th</sup> graders who have completed Middle School Engineering

### **Engineer Your World: Engineering Applications of Computer Design(447)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 9-12  
Prerequisite:Physical Science\*  
Fulfills Advanced Credit

Students employ the process, skills and habits of mind that they developed in *Engineer Your World* to solve more complex challenges that rely on computing, programming, algorithmic thinking, data representation and analysis, and modeling that are so important in engineering. Students will complete projects in groups while also coding independently.

\*Open to 9<sup>th</sup> graders who have completed Middle School Engineering

### **Engineer Your World: Independent Study (449)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 10-12  
Prerequisite:EYW 445 and 447  
Fulfills Advanced Credit

This course is an independent study for students who wish to continue their studies in Engineering.

## Social Studies

### 3credits required for graduation

**World History**  
**American History**  
**Government**

Grade(s)	Course #	Course Title	Credits
9	238	World History	1.0
9	241	Enriched World History	1.0
10	245	American History	1.0
10	246	Enriched American History	1.0
10	252	AP US History	1.0
11	260	Government	1.0
11	261	Enriched Government	1.0
11	262	AP Government	1.0
11-12	265	Financial Literacy	0.5
10-12	265O	Financial Literacy Online	0.5
11-12	225	Psychology	0.5
11-12	230	Sociology	0.5
11-12	227	AP Psychology	1.0
11-12	233	Contemporary World Issues	0.5
11-12	234	History of Newark(online)	0.5
11-12	235	The Civil War	0.5
11-12	236	The Revolutionary War	0.5

### World History (238)

1 Year Grades: 9  
 1.0 Credit Prerequisite: none  
 Fee: No Fulfills World History Credit

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the ideas that led to independence movements and the effects of global interdependence. This course will emphasize critical and historical thinking, and locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### Enriched World History (241)

1 Year Grades: 9  
 1.0 Credit Prerequisite: none  
 Fee: No Fulfills World History Credit

This course is specifically designed for students who excel in social studies and seek more of a challenge than a traditional social studies course. This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the ideas that led to independence movements and the effects of global interdependence. This course will emphasize critical and historical thinking, and locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. It is expected that each student will complete an enrichment project each nine weeks. This may include, but not be limited to, reading a time period novel, completing a writing analysis over current events, or participating in a hands-on civic experience. Completion of this assignment will be included in the final nine-weeks grade.

### American History (245)

1 Year Grades: 10  
 1.0 Credit Prerequisite: none  
 Fee: No Fulfills Amer. History Credit

This course examines the history of the United States from 1877 to the present. It explores political, economic, geographic, social and cultural development of the United States, specifically during the nineteenth and twentieth centuries. This course will emphasize critical and historical thinking, and locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### **Enriched American History (246)**

1 Year  
1.0 Credit  
Fee: No

Grades: 10  
Prerequisite: none  
Fulfills Amer. History Credit

This course is specifically designed for students who excel in social studies and seek more of a challenge than a traditional social studies course. This course examines the history of the United States from 1877 to the present. It explores political, economic, geographic, social and cultural development of the United States, specifically during the nineteenth and twentieth centuries. This course will emphasize critical and historical thinking, and locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. It is expected that each student will complete an enrichment project each nine weeks. This may include, but not be limited to, reading a time period novel, completing a writing analysis over current events, or participating in a hands-on civic experience. Completion of this assignment will be included in the final nine-weeks grade.

### **AP United States History (252)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 10  
Prerequisite: none  
Fulfills Amer. History Credit

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in

order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Students taking this course can earn a weighted grade. Students are required to take the Advanced Placement Examination. There is a fee for this class.

### **American Government (260)**

1 Year  
1.0 Credit  
Fee: No

Grades: 11  
Prerequisite: none  
Fulfills Amer. Govt Credit

This course examines how the American people govern themselves at national, state and local levels of government. It explores the U.S. Constitution and how constitutional government has changed over time, interactions among the three branches of government, and how social and political issues are addressed through various principles of government. This course will emphasize critical and historical thinking, and locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### **Enriched American Government (261)**

1 Year  
1.0 Credit  
Fee: No

Grades: 11  
Prerequisite: none  
Fulfills Amer. Govt. Credit

This course is specifically designed for students who excel in social studies and seek more of a challenge than a traditional social studies course. This course examines how the American people govern themselves at national, state and local levels of government. It explores the U.S. Constitution and how constitutional government has changed over time, interactions among the three branches of government, and how social and political issues are addressed through various principles of

government. This course will emphasize critical and historical thinking, and locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. It is expected that each student will complete an enrichment project each nine weeks. This may include, but not be limited to, reading a time period novel, completing a writing analysis over current events, or participating in a hands-on civic experience. Completion of this assignment will be included in the final nine-weeks grade.

### **AP American Government and Politics (262)**

1 Year	Grades: 11
1.0 Credit	Prerequisite: none
Fee: Yes	Fulfills Amer. Govt. Credit

Advanced Placement Government and Politics is designed to be equivalent to an introductory college or university American Government (Political Science) course. The course introduces students to key political ideas, institutions, policies, interactions, roles and behaviors that characterize the political culture of the United States. Students in the course will study important facts and concepts pertaining to U.S. government and politics, explain typical patterns of political processes and their consequences, interpret basic data relevant to U.S. government and politics, and critically analyze relevant theories and concepts, apply them appropriately and develop their connection across the curriculum. Students taking this course can earn a weighted grade. Students are required to take the Advanced Placement Examination.

### **Financial Literacy (265)**

1 Semester	Grades: 11-12
0.5 Credit	Prerequisite: none
Fee: No	Fulfills Financial Literacy Credit

This course examines financial literacy, which is defined as the ability to read, analyze, manage

and communicate about personal financial conditions that affect one's material, and economic, well-being. Students will develop the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond completely to life events that affect every day financial decisions, including events in the general economy. Students will learn about the following topics: credit and debit, investing, insurance, retirement planning, money planning, and financial decision-making. The goal of this course is to prepare students to be financially successful and responsible after high school.

### **Financial Literacy Online (265O)**

1 Semester	Grades: 11-12
0.5 Credit	Prerequisite: none
Fee: No	Fulfills Financial Literacy Credit

This course examines financial literacy, which is defined as the ability to read, analyze, manage and communicate about personal financial conditions that affect one's material, and economic, well-being. Students will develop the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond completely to life events that affect every day financial decisions, including events in the general economy. Students will learn about the following topics: credit and debit, investing, insurance, retirement planning, money planning, and financial decision-making. The goal of this course is to prepare students to be financially successful and responsible after high school.

### **Psychology (225)**

1 Semester	Grades: 10-12
0.5 Credit	Prerequisite: none
Fee: No	Fulfills Elective Credit

Psychology is the study of the human mind and how it operates. This course surveys several areas of psychology, including memory, learning, and brain structure. Other topics include personality theory, stress and mental illness. This course will emphasize critical thinking and analyzing primary and secondary sources at the college level in order to enhance class discussions and assignments.

### **Sociology (230)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 11-12  
Prerequisite: none  
Fulfills Elective Credit

Sociology is the study of human groups and their interaction. Topics discussed include family structure, racial and ethnic relations, the structure and rules of society, major social problems and urban/rural differences. This course will emphasize critical thinking and analyzing primary and secondary sources at the college level in order to enhance class discussions and assignments.

### **AP Psychology (227)**

1 Year  
1.0 Credit  
Fee: Yes

Grades: 11-12  
Prerequisite: none  
Fulfills Elective Credit

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore such topics as the biological basis of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate

ideas. Students are required to take the Advanced Placement Examination.

### **Contemporary World Issues (233)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 11-12  
Prerequisite: none  
Fulfills Elective Credit

*Not offered every year*

This course focuses on global connections, civic participation in current issues, human rights, and the shift from an isolated to an interconnected global community. Students will use prior knowledge from World and US History courses to build stronger connections to issues around the world. The course will discuss social, political, ethical, and economic factors that affect the relationships between the United States and nations around the world. This course will emphasize critical thinking, class discussions, research projects, and the analysis of primary and secondary sources in order to enhance student learning.

### **The History of Newark & Licking County (Online) (234)**

1 Semester  
0.5 Credit  
Fee: No

Grades: 11-12  
Prerequisite: \*see below  
Fulfills Elective Credit

*Not offered every year.*

This course is an online, semester long study of the history of Newark and Licking County. Students are expected to complete all aspects of the course solely online, with the opportunity to meet with the instructor(s) at least once a week at a scheduled meeting. The course explores the founding of Newark and Licking County, dating back to the Hopewell Tribes (pre-19<sup>th</sup> century), to the current and future patterns of the area. The course requires weekly submissions of assignments including research assignments, essays, discussion board posts, and activities that require proper technology. Students will be given tutorials and detailed instructions to be successful in the

course. The workload is comparable to the time spent in a typical 45-minute daily course.

### **The American Civil War (235)**

1 Semester

Grades: 9-12

0.5 Credit

Prerequisite:none

Fee: No

Fulfills Elective Credit

*Not offered every year.*

This course examines the origins, impact and course of the Civil War, the most traumatic event in American history. The first part of the course deals with the events and causes leading to the Civil War, including the tensions between North and South. The objectives of this course are:

- To examine the period and the country in its contemporary setting and to establish a factual framework
- To suggest connections between the war and later U.S. civilization

- To improve your ability to think critically and to analyze data by undertaking the kind of research required for upper level university essays and to write clearly and effectively.

### **The American Revolution(236)**

1 Semester

Grades: 9-12

0.5 Credit

Prerequisite: none

Fee: No

Fulfills Elective Credit

*Not offered every year.*

Topics covered will include the politics, people, economics, and battles that led up to the formation of the U.S. Constitution. Reading and writing is at college level and frequent. Class discussion, film, primary sources, and readings provide most of the content.



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## Media Technology Programs

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### Intro to Digital Video (075)

1 Semester  
0.5 Credit  
Fee: Yes

Grades: 9-12  
Prerequisite: None  
Fulfills Elective Credit

This course covers a single semester and will introduce students to the basics of Digital Video Production as used in single camera Electronic News Gathering and Electronic Field Production. Students will complete group and individual projects creating Public Service Announcements, Commercials, News Interviews, and How-To Videos using Professional HD Digital Video Equipment. Students will learn to use computer based Non-Linear Digital Editing to add effects, graphics and music to their productions, and how to select the proper digital file format for Web, Broadcast, DVD creation, etc.

This course has a nominal fee to offset the cost of recording media used by students in the class. Parents will be required to sign an equipment liability waiver to allow students to sign out equipment overnight.

### Intermediate Digital Media (076)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 10-12  
Prerequisite: 075  
Fulfills Elective Credit

This is the second course in the Media Technology Program and is a year-long class. This course uses our professional grade filming equipment to produce live events for Newark City Schools. Additionally, students will learn how to film and edit other types of productions, including music programs and sporting events. They will learn how to work as part of a production crew on a live program, as well as how to individually film and edit smaller events.

They will have the opportunity to serve as camera operator, digital effects creator, audio operator, producer, and on-air talent. Projects from this class will be broadcast on the The Wildcat Network (Spectrum channel 1021) as well as made available on demand on our Vimeo page. Some completed projects may be entered in regional competitions. This class is designed for motivated students with a strong interest in digital media and related technologies. This class should be considered a co-curricular activity, and may require students to dedicate time outside of school hours to complete their projects. Some production work may require dismissal from portions of the school day.

This course has a nominal fee to offset the cost of recording media used by students in the class. Parents may be required to sign an equipment liability waiver to allow students to sign out equipment overnight.

### Advanced Digital Media(077)

1 Year  
1.0 Credit  
Fee: Yes

Grades: 10-12  
Prerequisite: 076  
Fulfills Elective Credit

This is the third course in the Media Technology Program, and is a year-long class. This course uses our professional grade filming equipment to produce live events for Newark City Schools. Additionally, students will learn how to film and edit other types of productions, including programs for our community partners, sports highlights packages, and school and district level special projects. They will learn how to work as part of a production crew on a live program, as well as how to individually film and edit smaller events. They will have the opportunity to serve as camera operator, digital

effects creator, audio operator, producer, and on-air talent. Projects from this class will be broadcast on the The Wildcat Network (Spectrum channel 1021) as well as made available on demand on our Vimeo page. Some completed projects may be entered in regional competitions. This class is designed for motivated students with a strong interest in digital media and related technologies. This class should be considered a co-curricular activity, and may require students to dedicate time outside of school hours to complete their projects. Some production work may require dismissal from portions of the school day.

This course has a nominal fee to offset the cost of recording media used by students in the class. Parents will be required to sign an equipment liability waiver to allow students to sign out equipment overnight.



## **Sport and Event Production (079)**

1 Year

Grades: 9-12

1.0 Credit

Prerequisite: None

Fee: Yes

Fulfills Elective Credit

This course falls under the umbrella of the Media Technology Program and is a year-long class. It may be taken concurrently with any of the Digital Video courses, or on its own. On the Sports side, this course integrates our professional grade broadcast equipment with the video boards at the gymnasium and football field to provide a dynamic game day experience for both those attending in person, or those at home watching the live stream. Students will have the opportunity to learn and work many roles, including Live Stream Producer, Venue Producer, Audio Technician, Camera Operator, On-Air Talent, Sideline Videographer, Replay Director, Board Operator, and many others. On the Events side, students will work to produce both live and live to tape content. Music programs, assemblies, school board meetings, school affairs, and various community happenings are among the projects on which students will work. Students will have the opportunity to learn and work the roles of Cameraperson, Sound Engineer, Live Producer, Graphics Editor, and many more. This class is designed for motivated students with a strong interest in digital media and related technologies. This class should be considered a co-curricular activity, and WILL require students to dedicate time outside of school hours. Some production work may require dismissal from portions of the school day. Students will have to be able to transport themselves to and from events.



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## Air Force JROTC

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**AFJROTC** is a 4-year program offered to high school students in grades 9-12. **The cadet has NO military commitment, all uniforms are provided and there are no course fees.** Cadets are assigned courses based on their year of participation not necessarily their grade level. They progress academically through the program based on a 4-year curriculum plan consisting of Aerospace, Leadership Education, Wellness and Drill and Ceremony. Uniform wear is required once a week and all Air Force grooming standards must be followed as part of the grade. Curriculum in Action and extracurricular opportunities to participate in field trips, the color guard, honor guard, competition drill team or air rifle program are provided. **Participation in two years of the program earns a cadet a physical education exemption and a graduation seal.**

### **Air Force Junior Reserve Officer Training Corps – 1 & 2 (596)**

JROTC 1 & 2 uses AS-100 A Journey Into Aviation History covering imaging, developing, exploring and extending flight; LE-100 Citizenship, Character and Air Force Tradition covering heritage, organization, traditions, self-control, wellness & fitness, and citizenship. This will be taught alternating years with AS-210 The Science of Flight covering aerospace environment, human requirements of flight, principles of aircraft flight and principles of

navigation and LE-200 Communication, Awareness and Leadership covering learning, communication, personal development, personal awareness, understanding groups & teams and preparing for leadership; and Wellness covering the mastery of 19 critical exercises. **This course earns the cadet dual elective credit in history for JROTC 1 and science and health for JROTC2.**

### **Air Force Junior Reserve Officer Training Corps – 3 & 4 (598)**

JROTC 3 & 4 uses AS-300 Exploring Space: The High Frontier covering space environment, exploring space, manned and unmanned spaceflight and space technology and LE-300 Life Skills and Career Opportunities covering mapping your future, charting your financial course, aiming towards a college degree and pursuing a career. This will be taught alternating years with AS-220 Cultural Studies: An Introduction to Global Awareness covering the Middle East, Asia, Africa, Russia, Latin America and Europe; and AS-410 Survival covering elements of survival, personal protection, necessities to maintain life & orientation and traveling; and LE-400 Principles of Management covering introduction to management, planning, organizing & leading and Wellness covering the mastery of 19 critical exercises.

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## C-TEC

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### **C-TEC Application Process**

Sophomores will attend Hands On Day in November to view programs of interest. After this visit, online applications will be available. They are due in early February. Students should submit their application with appropriate information requested on the application by deadline. Students should have earned at least 9 credits by the conclusion of their 10<sup>th</sup> grade year, have good attendance, and have completed physical education and health.

### **C-TEC student withdrawal**

Any student withdrawing or transferring from C-TEC **must secure** a student withdraw/transfer form from the Dean of Students. Any withdrawal and/or transfer will be in keeping with C-TEC and affiliated district policy.

Once a student has been in attendance at C-TEC, he/she must attend at least five days before transferring to his/her home high school for first semester instruction. The last day to transfer will be published annually in the C-TEC Student Handbook. In no case will the deadline exceed ten school days (C-TEC calendar)

Any student desiring to transfer from C-TEC to his/her home high school for second semester instruction must do so no later than the **first day** of the second semester (home school calendar).

Eighteen-year old students will not be permitted to circumvent this policy by withdrawing from C-TEC (dropping out) and

applying for re-admission to their home high school.

Students under eighteen years of age will not be permitted to circumvent this policy by seeking an approved exclusion from school (e.g. withdrawal on a full-time work permit) and applying for re-admission to their home high schools.

All **transfers** to the home school will require the approval of both the home school Principal and the C-TEC Director.

Students who do return to Newark High School at the semester break will receive no credits from the vocational program (a loss of 3 ¼ scheduled credits). This could affect meeting graduation credit requirements and graduating in a timely manner.

To maximize your eligibility for selection to C-TEC you should have:

- Algebra
- GPA (2.6 preferred)
- Junior standing with no deficiencies
- Good attendance and behavior
- Hands-on learning capability
- School counselor recommendation
- Keyboarding skills

Lesser qualifications may lower your opportunity to be selected.