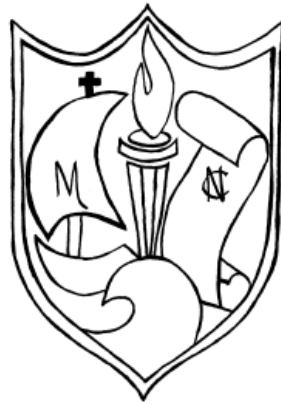


NEWARK CATHOLIC HIGH SCHOOL

ACADEMIC HANDBOOK



2023-2024

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FAITH • KNOWLEDGE • SERVICE

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NEWARK CATHOLIC HIGH SCHOOL
DRAFT FOUR-YEAR ACADEMIC PLANNING GUIDE (example, other offerings may exist)

FRESHMAN YEAR	TOTAL CREDITS	
<p>CORE/GENERAL COURSES</p> <ol style="list-style-type: none"> 1. Theology I 2. English I 3. Math: Algebra I, Honors Geometry Algebra I-Block (not offered in '23-24), 4. Science: Physical Science, Honors Biology 5. World History 6. Health 7. Physical Education (summer prior) 8. Freshman Foundations 	<p>1 1 1 1 1 1/2 1/4 1/2</p>	<p>ELECTIVE COURSES</p> <ol style="list-style-type: none"> 9. World Language 10. Fine Arts/Elective
<p>SOPHOMORE YEAR</p>	TOTAL CREDITS	
<p>CORE/GENERAL COURSES</p> <ol style="list-style-type: none"> 1. Theology II 2. English II or Honors English II 3. Math: Geometry, Honors Geometry, Algebra II/Trig 4. Science: Biology, Honors Biology, Honors Chemistry 5. Government & Economics 6. Physical Education (summer prior or school year) 	<p>1 1 1 1 1 1/4</p>	<p>ELECTIVE COURSES</p> <ol style="list-style-type: none"> 7. World Language 8. Art Fundamentals 9. Music Appreciation
<p>JUNIOR YEAR</p>	TOTAL CREDITS	
<p>CORE/GENERAL COURSES</p> <ol style="list-style-type: none"> 1. Theology III 2. English III or Honors English III 3. Math: Algebra II/Trig, Algebra II, Precalculus 4. Science: Chemistry, Hon Chemistry, Biology 2, Robotics 5. U.S. History 6. Financial Literacy 	<p>1 1 1 1 1 1/2</p>	<p>ELECTIVE COURSES</p> <ol style="list-style-type: none"> 6. World Language 7. Fine Arts/Elective 3. Fine Arts/Elective
<p>SENIOR YEAR</p>	TOTAL CREDITS	
<p>CORE/GENERAL COURSES</p> <ol style="list-style-type: none"> 1. Theology IV 2. English IV or AP English IV 3. Math: Math Apps & Stats/Prob., Precalculus, AP Calculus 4. Science: Physics, Biology 2, Robotics, Environmental Science 5. Social Studies Electives: Current Events, History of Sports, Man & Mythology 	<p>1 1 1 1 1</p>	<p>ELECTIVE COURSES</p> <ol style="list-style-type: none"> 6. World Language 7. Fine Arts/Elective 8. Fine Arts/Elective <p style="font-size: small; margin-top: 10px;">Students must schedule 5 periods of core subjects: theology, English, math, science, social studies, and world language (CCP could count in areas other than Theology & English)</p>

**2023-2024 NEWARK CATHOLIC HIGH SCHOOL
ACADEMIC OVERVIEW**

NOTE: EACH STUDENT MUST SCHEDULE A MINIMUM OF 6 COURSES PER SEMESTER. Students are encouraged to carry academic schedules aligned to their learning pathways. No world language is required for graduation; however, many colleges prefer two years for acceptance. Latin is highly recommended for medical or science fields.

Graduation Credit Requirements (24 credit min.)

- 4 Theology □ □ □ □
- 4 English □ □ □ □
- 4 Math (including Algebra) □ □ □ □
- ½ Financial Literacy □
- 3 Social Studies □ □ □
- 3 Science □ □ □
- 1 Visual/Performing Arts □ □
- ½ Health □
- ½ Physical Education □ □ (¼ credit each)
- ½ Freshman Foundations □
- 3½ Elective credits □ □ □ □ □ □

Graduation Assessment Requirement

Class of 2023 and 2024:

- CREDIT Earn 24 credits in the required subjects
- COMPETENCY Demonstrate proficiency in Algebra 1 and ELA 2
- READINESS Earn 2 diploma seals in the areas listed:

- | | |
|---|-------------------|
| OMJ Readiness | College Readiness |
| Military Enlistment | Citizenship* |
| Science* Honors Diploma* | |
| Biliteracy Technology | |
| Community Service Fine/Performing Arts* | |
| Student Engagement | |

*NC expects the majority of students to earn 2 of the 4 designated seals as their graduation requirement. If these are not attainable, the family can discuss the other seals with the school counselor.

COURSE SELECTION

<u>THEOLOGY</u>	<u>MATHEMATICS</u>	<u>WORLD LANGUAGES & CLASSICS</u>
The Revelation of Christ in Scripture	Algebra I	Spanish I, II, III, IV, (V)
Who is Jesus Christ?	Geometry	Latin I, II, III, IV
The Mission of Jesus Christ (The Paschal Mystery)	Honors Geometry	
Jesus Christ's Mission Continues in the Church	Algebra II	<u>BUSINESS</u>
Sacraments as Privileged Encounters with Jesus Christ	Algebra II with Trigonometry	Freshman Foundations
Life in Jesus Christ	Mathematical Applications	Computer Applications I, II
Living as a Disciple of Jesus Christ in Society	Mathematical Modeling (not offered in '23-24)	
History of the Catholic Church	Precalculus	<u>PERFORMING ARTS</u>
Exploring the Vocation of Catholic Education*	Statistics & Probability	Music Appreciation*
Capstone- C-Tec/NC dually enrolled students only	AP Calculus AB	Percussion Concepts I, II*
<u>ENGLISH/LANGUAGE ARTS</u>	Financial Literacy*	Vocal Music Ensemble*
English I, II, III, IV		American Music Production I, II*
Honors English II, III	<u>SOCIAL STUDIES</u>	
AP English IV	World History	<u>VISUAL ARTS</u>
Speech*	Government and Economics	Art Fundamentals*
<u>SCIENCE</u>	United States History	Two Dimensional Art/Painting I, II*
Physical Science	Honors United States History	Three Dimensional Art*
Biology I, Biology II	Current Events*	Ceramics I, II*
Honors Biology I	Man and Mythology*	Drawing*
Chemistry I	The History of Sports (not offered in '23-24)	Studio Art - Portfolio & Career Development
Honors Chemistry I	Voices of the Past: Preserving Our History* I, II	Yearbook Production I, II, III, IV*
AP Chemistry	Criminology*	Intro to Digital Communications*
Astronomy	<u>HEALTH & WELLNESS</u>	Mathematics of Art*
Physics	Physical Education (not offered in 2023-2024)	Sacred Art (not offered in 23-24)
Environmental Science (not offered in '23-24)		
Physics for Robotics I, II*	Health	
	Fitness for Life*	
	Leadership & Communication*	
	Weight Lifting*	

Some elective courses are offered every other year to allow more diversity in course content for students.

A * beside an elective indicates it is offered as students schedule for the upcoming year. Please ensure you are viewing the correct year's academic handbook PDF.

Additionally, Newark Catholic students can participate in College Credit Plus, earning dual high school and college credits for college coursework. The C-TEC (Career-Technology Education Center of Licking County) is just one of many options for participation in CCP; it is important to coordinate with the guidance department to attend required meetings and paperwork in the Winter prior to the next academic year.

STANDARDIZED TESTING PROGRAM

OHIO GRADUATION REQUIREMENTS

END-OF-COURSE (EOC) TESTING

Class of 2024:

Students must score “competent” in ELA 2 (English 10) and Algebra 1 assessments and take the remaining assessments to help qualify for graduation diploma seals:

English 10	Algebra 1	US History
Biology	Geometry*	US Government

Computer-based assessments are given on iPads during a window in April. Scores from the testing will be based on a scale of 1-5 (1=Limited, 2 = Basic, 3=Proficient, 4=Accelerated, 5=Advanced). For students required to earn 18 points for graduation (up to the Class of 2022): at minimum, 4 points must be earned in English, 4 in math, and 6 cumulatively in science and social studies.

Students who transfer from out-of-state are prorated. The number of tests required will be adjusted depending on the student’s previous schedule, but will include at least English 10 and Geometry. Students without qualifying scores will be expected to retest. Schedules for the retesting will be determined by the School Counseling Department. Retesting windows are held in April and December each year.

IOWA TESTING:

Class of 2025 and beyond:

Students must pass all content areas of the IOWA test which is a state approved standardized testing alternative to EOCs for non public schools in Ohio. For the class of 2025 and beyond, passing competency scores must be obtained in the IOWA test for: Math, English, Science, Social Studies. At Newark Catholic the test is given annually to the freshman class with re-take opportunities scheduled in subsequent years thereafter for students who still need to obtain a passing score(s). Communication of passing scores and scheduling re-tests is handled through the school guidance counselor.

ACT TESTING - the state of Ohio requires all juniors to participate in college readiness testing as an alternative assessment pathway to graduation. Ohio will pay for each student to take the ACT one time, during the spring of their junior year. The scores on this test can qualify the student for graduation if their EOC testing point total is not sufficient, and the scores can also be used for college admissions. There is no difference between this test in format or content to the typical ACT test that students take on Saturdays. Students can request that our intervention specialist submit their testing accommodations to ACT for approval; not all school-approved accommodations are accepted for ACT.

In order to be considered college and career ready and satisfy the graduation requirement using the ACT pathway, all of the following scores must be minimally met: English = 18, Math = 22, Reading = 22.

STANDARDIZED TESTING SCHEDULE

ARK 3rd quarter

Grades 9, 10, 11 and 12 annually

This test evaluates students’ basic knowledge and assesses their religious beliefs, attitudes, practices, and perceptions.

End-of-course Testing

April

Being Phased Out with Class of 2024

Class of 2024: English 10, American Government, Geometry (if enrolled), Biology (if enrolled)

IOWA

Winter

Grade 9 (10, 11, 12 as needed for retesting)

All freshmen take the IOWA assessment in the areas of Math, English, Science and Social Studies. There is no cost.

PSAT/NMSQT

October

Grades 10, 11

All sophomores and juniors who are interested in taking the PSAT can do so at their own expense. Cost for the test will be approximately \$18 (subject to change by the College Board), and the test will be administered on a Wednesday morning in October (date determined by the College Board). This test assesses critical reading, math and writing skills.

ACT

Offered 7+ times/yr off campus (1x annually at minimum at NC)

Grades 11, 12 (although younger students can take it if they wish)

Juniors will be taking the “state and district” ACT in the spring at NC. It is a part of the state testing schedule (paid for by the state). Additionally, most students take the “national” ACT 1-2 more times and this cost is to the student. Both tests are identical in structure and can be used for college admissions. The ACT tests achievement in English, math, reading, science

reasoning and writing. Student selects test site and date of testing. Registration is available on www.act.org. Most students test 2-3 times: spring of junior year, June after junior year, fall of senior year.

SAT **Offered 7+ times/yr off campus** **Grades 11, 12 (although younger students can take it if they wish)**
Tests critical reading, math, and writing aptitudes. Some colleges may also require SAT subject tests. Cost to student. Student selects test site and date of testing. Registration is available on sat.collegeboard.org.

AP **May** **Grade 12**
(Advanced Placement) Required for students enrolled in AP Calculus, AP English Literature, AP Chem. Cost to student, paid prior to testing. Contact the Vice Principal of Academics with any needs/ questions regarding these required tests.

GRADUATION REQUIREMENTS & CREDITS

DIPLOMA - STATE BOARD OF EDUCATION APPROVED CRITERIA

A Newark Catholic diploma is awarded to any graduating student who satisfies **credit, competency, and readiness** requirements.

CREDIT

Successfully earns 24 credits in the designated curricular areas and successful completion of the senior Capstone project.

COMPETENCY/ASSESSMENT

CLASS of 2024 - meet one of the following four:

- Earn a “competent” score on Algebra 1 and ELA 2 end-of-course state exams AND earn 2 diploma seals, or
- Earn college credit for one math and one English course through College Credit Plus AND earn 2 diploma seals, or
- Enter into a contract to enlist in the military AND earn 2 diploma seals, or
- Demonstrate career readiness and technical skill through a career-technical program (C-TEC) AND earn 2 diploma seals

CLASS OF 2025 and beyond-

- Earn passing competency scores in all content areas of the IOWA assessment:
 - o Math
 - o English
 - o Science
 - o Social Studies

READINESS/DIPLOMA SEALS (Ends with the class of 2025)

Students are required to earn 2 diploma seals for graduation. Once 2 seals are earned, students will have satisfied this requirement and further seals will not be tracked (excluding the Honors Diploma Seal). There are 12 seals available: 9 are defined by the state and 3 are defined locally (Diocese of Columbus). Students must earn at least one state-defined seal. NC has defined some of the seals below. We expect most of our students to be able to achieve. If a student does not satisfy any of these 5, then a meeting with the school counselor will help determine which additional seals are under consideration:

Citizenship (state seal)– Satisfied through proficient scores on the American History and American Government EOC.

Science (state seal)– Satisfied through proficient scores on the Biology EOC.

Fine and Performing Arts (local seal) – Satisfied by earning a “B” or better in one credit (2 semesters) of fine arts (art, music, theater, yearbook).

College Ready (state seal) – Satisfied through college readiness by earning remediation-free ACT or SAT scores. All students at NC take the ACT in spring of their junior year. Required score minimums: English – 18, Math – 22, Reading – 22.

Honors Diploma (state seal) – Students satisfy 7 of 8 requirements defined by the state for one of 4 Honors Diplomas (Academic, STEM, Arts, or Social Science and Civic Engagement). See below for list of requirements.

Additional state-defined seals: OhioMeansJobs, Biliteracy, Technology, Industry-Recognized Credential (through C-TEC), Military Enlistment

Additional locally-defined seals: Student Engagement, Community Service

ACADEMIC HONORS DIPLOMA

The student who completes Newark Catholic’s college-preparatory graduation requirements, and additionally satisfies **at least 4 of the following 5 criteria** will satisfy the Academic Honors Diploma:

- Earn at least four credits of science.
- Earn at least four credits of social studies.

- Earn either three credits of one world language/classic or two units each of two world languages/classics.
- Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
- Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).

There are three additional honors diplomas. Students must meet NC's graduation requirements and all but one of the criteria defined for each honors diploma below:

STEM HONORS DIPLOMA

- Earn at least five credits of math.
- Earn at least five credits of science.
- Earn at least 2 additional units with a focus in STEM.
- Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
- Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).
- Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
- Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus.

SOCIAL SCIENCE & CIVIC ENGAGEMENT HONORS DIPLOMA

- Earn at least five credits of social studies.
- Earn at least 2 additional units with a focus in social sciences and/or civics.
- Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).
- Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
- Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus.

ARTS HONORS DIPLOMA

- Earn at least four credits of fine arts.
- Earn at least two credits with a focus in fine arts
- Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
- Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).
- Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
- Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus.

AWARD OF ACADEMIC DISTINCTION

An additional graduation award can be earned through the student's performance on end-of-course testing. Students are required to take 6 or 7 end-of-course tests depending upon graduation year; they are awarded up to five points for each test they take. Students who earn at least 27 out of 30 (Class of 2023 and beyond), or at least 30 out of 35 (Class of 2021/2022) are eligible, with no score below a 3, to earn the Award of Academic Distinction. Students will receive recognition and a certificate at Honors Night during their senior year, and will have a designation of this honor in the graduation program.

DESIGNATION OF VALEDICTORIAN AND SALUTATORIAN

1. Grades up to the end of the 3rd quarter grading period of the senior year will be the final grades used for the purpose of determining Valedictorian and Salutarian*
2. Valedictorian and Salutarian must also be receiving the Ohio Diploma with Honors, *having attended 6 consecutive semesters at NC.*
3. There are five honors courses (Honors: Biology, Chemistry, Geometry, English 10, and English 11) and two Advanced Placement courses (AP English Literature, AP Calculus AB) offered at Newark Catholic. In order to earn valedictorian or salutarian status a student must take a minimum of four (4) of these courses.
4. The designation of Valedictorian will be given to the graduating senior with the highest grade point average. In case of identical grade point averages, the honor will be shared equally by those qualifying.
5. The designation of Salutarian will be given to the graduating senior with the second highest grade point average, rounded to the second decimal point. In the case of identical second highest grade point averages, the honor will be shared equally by those qualifying.
6. The student speaker(s) at graduation ceremonies will come from the designated Valedictorian(s).
7. The Salutarian(s) will also participate in the graduation ceremonies.

* Please note: the cumulative GPA used to determine this designation is based on final grades for the 9th, 10th, and 11th grade courses, and quarter grades/first semester exam grades for the 12th grade courses. The GPA used for this designation may differ from the student's final GPA at graduation due to rounding that occurs with the calculation of final grades during senior year. See the school counselor for clarification.

REQUIREMENTS FOR PARTICIPATING IN GRADUATION EXERCISES

If a student is lacking in one course required for graduation, the student may participate in graduation exercises (as long as arrangements have been made in writing for the credit to be obtained during the summer following graduation). Students are required to pass state mandated tests; refer to Standardized Testing Program and Schedule for details. He/she will receive a blank diploma at the graduation ceremony. An official diploma will be awarded to the student upon successful completion of the credit. If a student lacks two or more courses required for graduation exercises, he/she may not participate in graduation exercises. A student whose family has not met all contractual commitments may not be allowed to participate in graduation exercises.

CURRICULAR OPTIONS

SELECTION OF SCHEDULE

In general, the best guide for course selection is to choose courses which match and challenge each student's abilities based upon review of placement testing, data, and teacher recommendation, as well as one's desired pathway toward graduation: NC Traditional; NC Honors; NC Honors AP. Since most students either do not know what career or college major they wish to choose or will change their minds many times before they enter the working world, decisions should not necessarily be based upon intended career plans. It is important to note that while some honors classes are required for any honors diploma, a student may start at NC on one pathway, change, or fulfill honors requirements through honors coursework in some, though not all subject areas as outlined in state requirements..

Committed to the idea that a well-rounded curriculum best prepares students for their future success, students at Newark Catholic are required to be full-time students; there are no options for part-time or remote attendance unless in the case of an extenuating circumstance with approval of administration. Students are required to take at least 5 core class periods each day in the subjects of theology, English, math, science, social studies, and foreign language (CCP cannot count for English core credit or Theology). There are seven academic periods during the school day, leaving two periods for visual and performing arts, technology, physical education and study hall. Students who are college-bound should consult the School Counseling Department for requirements and recommendations of specific colleges. Some courses carry prerequisites and/or prior approval of the instructor. Students should pay careful attention to the requirements and descriptions of each course before scheduling classes. The student and parents must work together to complete the course selection sheet. Each student is expected to carry an academic schedule as challenging as he/she can handle. **Course selection sheets are due the Friday before Spring Break. Students not returning their course selection sheet on time will be scheduled by the student's counselor. Finalization of the student's schedule rests with the school.**

NC will schedule required classes but cannot guarantee elective class choices or semester choices for study halls.

COURSE CHANGES

Finalization of the student's schedule rests with the school. Unless there is an error on a student's schedule or an immediate change recommended by the teacher or administration, the student is to remain in scheduled classes. Every effort should be made by the student and family to research courses in advance of scheduling to avoid changes and possible fees.

- Each student must schedule a minimum of 6 courses per semester. This would equate to the minimum number of credits required for graduation (24) over four years, so students are encouraged to take more than the minimum whenever possible.
- During scheduling, students choose electives. No elective can be guaranteed, so students should rank electives on their scheduling sheet that they are interested in taking. There are many factors in selecting electives, and these include the student's choice, class size, and prior grades earned in the subject area.
- If, for some reason, a student or parent requests a scheduling change after May 1st of the prior academic year, a **\$20.00** fee will be assessed.
- Students will receive their schedules on the first day of classes and will be given one week to contact their school counselor and make changes if needed. If they choose to drop an elective to change to a different elective or take a study hall, a **\$20.00** fee will be assessed after the deadline.
- Second semester schedules for a given school year must be finalized by December 3 to avoid missing assignments in the new academic course. Changes requested prior to this date for the second semester will result in a **\$20.00 fee**, and after this date will result in a **\$35.00 fee**.
- There is no fee assessed to a course drop initiated by a teacher, guidance counselor, or administrator.

Every effort will be made to finalize students' schedules by the first day of class (for first semester and full-year courses). Except in special circumstances (to be determined by the administrator) a course dropped after the first five (5) days of class will be recorded on the student's report card as a failure for the quarter in which the course is dropped. The failure (F) is included in the computation of the student's grade point average for the quarter in which it is dropped. On the transcript the course title is printed, notice of the student's withdrawal appears, but no grade is given nor is the course figured into the student's cumulative GPA. When a teacher initiates a student withdrawal from a class, a 'W', withdrawal, will appear on the report card and the transcript. A student/parent initiated withdrawal from a class results in a 'W/F' for the quarter and will appear on the student's transcript as a 'W'.

8TH GRADE COURSE WORK

If an eighth grade course is given high school credit by a school or school system, the teacher must hold a proper high school license, and follow an approved course of study and approved textbook. A transcript or an official document from the sending high school involved must show the course, grade and credit given. This credit and grade will appear on the Newark Catholic transcript as credit earned, but the grade earned **does not factor** into the student's GPA.

INDEPENDENT STUDY

Students who have special academic needs or unique circumstances (caused by late transfer to Newark Catholic, failed courses required for graduation, etc.) may be granted permission to take courses through independent study. Independent study requires the approval of the student's parents, the teacher sponsoring the course, the school counseling department, and the vice principal. Arrangements must be made through the student's school counselor. In certain situations (e.g. failed graduation requirements, desire of a student to accelerate his/her high school program), the teacher may charge a fee for the independent study. Because the State of Ohio considers independent study an "educational option," awarding of credit is limited by the conditions listed under College Credit Plus on page 8. Under Ohio's Standards, instructional plans (as outlined in the Standards) must be completed and filed at the school where the student is enrolled in an independent study course. Grades earned through independent study become part of the student's transcript. All independent study grades are computed in the GPA. The teacher of any failed course may not be the teacher of record for the Independent Study.

AUDITS

In lieu of an audit the guidance counselor will strongly recommend pursuit of courses through CCP or in line with a student's selected pathway. In the event that an audit is entertained by administration, with the approval of the teacher involved, the school counseling department and the principal, a student may audit a course at Newark Catholic. **No course may be changed to an audit after the third week of the course, with the exception of a health restraint.** When a student audits a course he/she is required to attend all classes, complete assignments as determined by the teacher, and take tests/exams at the teacher's discretion. No grade or credit is given, but the course does appear on the student's transcript listed as an audit. If a student in an audit situation does not meet the teachers academic and behavior expectations he/she may be removed from the course.

ONLINE COURSE RECOVERY

Students who complete online coursework, such as for credit recovery, must complete their final exam at Newark Catholic, with a school staff member as a proctor. There will be a fee charged to pay for the proctor's time. This does not include College Credit Plus coursework.

COLLEGE-PREPARATORY PROGRAM

A joint committee from the Ohio Department of Higher Education and the Ohio Department of Education has provided the following recommendations for a college-preparatory program:

English	4 credits	including Algebra I, Geometry, and Algebra II
* World Language	2 credits	Science 3 credits
Mathematics	4 credits,	Social Studies 3 credits
		Visual or Performing Arts 1 credit

Colleges and universities each prescribe their own unique entrance requirements. In the case of large universities, entrance requirements may vary from one department to another.

Students are urged to consult the school counseling department as soon as possible to become more knowledgeable about specific requirements of colleges and universities to which they intend to apply.

* Ohio State, and many other colleges, are suggesting that high school students should take at least three units of a single world language, and when possible continue in that language through the senior year.

COLLEGE CREDIT PLUS / DUAL ENROLLMENT PROGRAM

Students who wish to explore educational options not available through the regular instructional program at Newark Catholic may dual enroll through College Credit Plus. This statewide program allows students to earn dual credit for college coursework. Students must meet specific admission requirements for each of these programs. Arrangements must be made through the school counseling department and require parental approval.

College Credit Plus makes it possible for NCHS students to take courses at a college, to receive both college and high school credit for those courses, and to count that credit toward graduation from high school. Qualifying students can request for state funding to pay for these courses through public colleges, some fees may still be necessary if the student attends a private college. (If a student withdraws after the withdrawal

deadline or fails one of these courses, all costs become the family's obligation.) Students must first schedule their core courses at NC, and then select a college course around that schedule. Deadlines for this program must be rigidly adhered to, and funds for this program are limited. Funding by the State of Ohio is not guaranteed, so students who are denied funding may opt to pay for the costs of tuition, fees, and books on their own.

Students are only considered CCP students if they are approved for funding through the state. This gives certain rights to the student, such as free tuition (paid by the state), free textbooks (paid by NC), and free course fees (paid by the college). Students who do not receive funding are not considered CCP students; they can take coursework as "dual enrollment", receiving high school and college credit, but all expenses are paid by the student. Courses hosted at NC during the school day are for CCP students only.

Grades earned through dual enrollment become part of the student's official high school transcript. Dual enrollment courses receiving high school and college credit are calculated into a student's grades and GPA, and become part of their permanent college record.

Students in CCP can be classified as "underperforming" if they earn less than a cumulative GPA of 2.0 in all CCP courses or has withdrawn from 2 or more courses in the same term. These students are placed on CCP Probation, can only enroll in 1 CCP course while on probation, and the course cannot be in the same subject as the course with low grades. If the GPA doesn't improve after one term, the student is dismissed from CCP.

Please see your counselor or the CCP director if you hope to participate in this program for detailed information and deadlines for application.

CAREER / TECHNICAL EDUCATIONAL OPTION

Juniors and seniors may take courses at C-TEC (Career-Technology Education Center of Licking County) while remaining students at Newark Catholic. Weekly attendance at an after-school Theology class is required. See your counselor for further information.

Newark Catholic students who wish to attend C-TEC as a junior and senior must have previously attended Newark Catholic for at least the sophomore year. We cannot sponsor a student who requests a transfer into NC as a junior and attends C-TEC.

GRADES

PROGRESS REPORTS

Midway through each quarter, all students will receive progress reports indicating their current grades via Progress Book. Parents are encouraged to review them carefully and contact teachers in regard to them.

PROGRESS BOOK

This program allows students and parents to access their student's academic progress, homework, progress report, grade card and attendance, at any time through the internet. Parents and students can e-mail their teachers with any questions or concerns.

Parent Access Alerts allow parents and students to sign up to get an email if the student has a missing assignment or a low assignment score. Parents will need to activate this aid. If parents do not activate this feature they still have the option to sign on in Progress Book and check each class for homework, assignments, grades, etc. This is helpful when a student is absent, so he or she can be sure all school work has been submitted to the teacher. We strongly urge every household to activate the Parent Access Alert. With busy schedules this can be a very helpful tool to encourage your students to get assignments in on time.

Families are issued a Login and Password that will be used all four years at Newark Catholic. Contact the school office with questions. Access to Progress Book may be blocked if the student's financial account is delinquent. Contact the bookkeeper with concerns.

GOOGLE CLASSROOM/GMAIL

Students are given many methods of staying in contact with their teachers and tracking their assignments and course responsibilities. All students are assigned a Gmail account under the NewarkCatholic.org domain. They are also given access to Google Classroom, where each teacher creates a location for students to track requirements, look for announcements, and download paperwork. Students are encouraged to actively engage in these classrooms for each subject as well as their guidance classroom.

REPORT CARDS

Report cards are issued four times per year. Each classroom teacher will explain to students how the grade categories are determined.

The four-point scale:

A	100-93= 4.0	B+	89 – 87 = 3.50	C+	79-77 = 2.70	D+	69-67= 1.70	F	Below 60= 0.00
A-	92 – 90 = 3.70	B	86 – 83 = 3.20	C	76-73= 2.30	D	66-63= 1.30		

		B-	82 – 80 = 3.00	C-	72-70= 2.00	D-	62-60= 1.00		
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TRANSFER STUDENTS

A quarter grade will be determined based upon work from the time of transfer to Newark Catholic and the interim grade from the prior school in instances where a transfer to NC is made after NC's interim grades have been published (and several weeks remain in the grading period/quarter at NC).

PARENT- TEACHER CONFERENCES

Newark Catholic High School schedules parent-teacher conferences twice per year. Parents are able to schedule through Google Calendar to see specific teachers. Parents may call the school or email at any time to arrange time to discuss a student's progress with teachers, school guidance counselors, and/or the school administration.

GRADE POINT AVERAGE

There are two grade point averages calculated for each student: (1) a GPA for each grading period, (2) a cumulative GPA. Both utilize the 4-point credit scale (see "Report Cards").

The GPA for each quarter is calculated at the finalization of the grading period according to credit value from the 4-point scale. The credit values are added together and divided by the number of courses taken. This is the grade that is taken into consideration for First Honors and Second Honors designations.

At the end of each semester, a semester grade is calculated for each course, based on the grading periods at 40% each, and the exam grade at 20%. The cumulative GPA is updated at the end of each semester, and averages all semester grades up to that point in the student's high school career.

CLASS RANK

Class rank is determined at the end of each academic year for all grades based on a three (3) decimal GPA. Exception: ranks for senior year Valedictorian and Salutatorian will be calculated after 3rd quarter, and the Salutatorian is rounded to the second decimal place. (see "*Designation of Valedictorian and Salutatorian*"). To be eligible for the Valedictorian distinction, a student must attend Newark Catholic High School for 6 consecutive semesters.

EXAMS AND GRADES

A semester exam is given in every course unless the vice principal or principal has approved of an exception. This exam may take the form of a cumulative, end-of-semester test or an alternative testing/project package explained to students previously during the semester. The following is the grading formula in courses which give semester exams:

First quarter's grade (or third quarter's) = 40 percent of semester grade
 Second quarter's grade (or fourth quarter's) = 40 percent of semester grade
 Semester exam = 20 percent of semester grade

Grades are averaged by letter grade (not percentages), using their equivalent on the 4-point scale.

The final grade for a full-year course is calculated by averaging each of the four grading periods at 20 percent of the final grade, and each exam at 10 percent. Simply averaging the semesters together does not always accurately calculate the final grade.

The Second Semester Rule - Additionally, in order to pass a full-year course in which a final exam is given, the student also must pass at least one of the following: the second semester exam or the combination of the 3rd and 4th grading periods.

Exemption from an exam: Seniors with an A or A- average for the year (or for the semester, in the case of a semester course) may be excused from that semester exam at the discretion of the teacher involved (in this case the semester average is determined by the 2 quarters).

FAILURE OF A COURSE

Failure of a course: No partial credit will be given for a failed course. Students failing a required semester or full-year course must make up any semester that had a failing average.

Courses taken in public school summer school: Credits earned in summer school courses for credit recovery must be approved by Newark Catholic High School, and taught by a licensed teacher present in a classroom situation. As long as credit is earned, the summer school course will be added to the transcript as a "D-", and this grade will be counted in the student's GPA and class rank. The original failure will still be listed on the transcript, but will no longer count toward the GPA and class rank.

Unless the school administration has approved an exception, coursework taken in summer school may be used for remedial (i.e. to make up for a failed class) purposes only.

PROMOTION AND RETENTION

There is no official "promotion" of students from grade to grade except for graduation. Students are placed in homerooms (freshman, sophomore, junior, senior) on the basis of the number of units of credits earned and the judgments of counseling and administrative staff regarding probable year of graduation.

HONOR ROLL

Each quarter, a student may achieve First Honors if the student has no grade below an A- in any class. A student may achieve Second Honors if the student has no grade below a B- in any class. The student's GPA will not factor into either of these honors.

Students earning Honor Roll status at C-TEC will be included with the Newark Catholic student roster with a C-TEC notation made.

SPECIAL ACADEMIC PROGRAMMING

NATIONAL HONOR SOCIETY CRITERIA

(detailed information is available from the NHS Advisor)

1. You must be a Junior or Senior at Newark Catholic High School.
2. You must have a minimum cumulative grade point average of 3.500, calculated through the end of the fourth grading period of the year prior to when you are applying.
3. You must achieve fifty hours of verified service during the previous 12 months.
4. You must submit a cover sheet identifying how you have satisfied the requirements of membership.
5. You must maintain a history of proper conduct and behavior. Teachers will have an opportunity to submit information helpful to the committee for discerning these qualities.
6. You must have two letters of recommendation from community members who are not faculty or staff members at Newark Catholic High School.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

Students wishing to participate in athletics at the collegiate level will need to apply for NCAA certification through the NCAA Eligibility Center. Students should register during the spring of the junior year, then request a transcript for NCAA through Naviance. To receive certification to play athletics for a Division I or Division II school, students must complete 16 credits in core course areas (English, mathematics, science, social studies, world language). A minimum core course GPA is required, along with a minimum ACT score. Please note that the NCAA GPA scale is different and more rigorous than Newark Catholic's scale for athletic eligibility. More information can be found through the school guidance department or on www.eligibilitycenter.org.

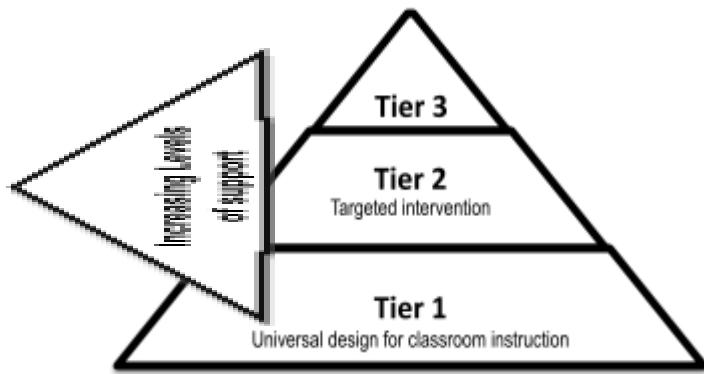
SPECIAL EDUCATION

Newark Catholic respects the differences of all of its learners. The diversity of our school enriches our school environment and promotes compassion, understanding, and respect for all. While we recognize that there are limitations to meeting all special needs students, we strive to provide an appropriate educational environment to as many students as possible in our Catholic school.

If a student is coming to our building with an Individualized Education Plan, Service Plan, 504, Written Plan, or Accommodation Support Plan, we require the student's Evaluation Team Report (ETR) and most recent plan prior to submitting an application to Newark Catholic. We will meet with the parent(s), review the ETR and most recent plan, and determine if Newark Catholic is the appropriate environment for your student's academic success given the student-centered supports we have in place in our Catholic school.

STUDENT SERVICES TEAM / RTI

Newark Catholic offers Response to Intervention (RTI) to every student in the building through the collaboration of the student services team who works to meet students where they are and serve them spiritually, emotionally, and academically; the RTI Process functions through the NC Student Services Team composed of various members of administration, the faculty, the school nurse and the school-based clinical counselor; the student services team works to closely monitor referrals, timelines and tiered interventions, to compile data and track student success. RTI is not specific to students who need special education services; it is designed to help any student with behavior or learning needs who may need extra intervention. These interventions are offered in a multi-tiered approach, through the classroom teachers, and when necessary are elevated to our Intervention Specialist.



Tier 3 – Intensive Interventions with Intervention Specialist; when Tier 2 interventions are not sufficient.

Tier 2 – Supplemental (Small Group) Instruction for students with some risk factors; when Tier 1 interventions are not sufficient.

Tier 1 – Universal Classroom Instruction; curriculum designed to benefit all learners

SPICE FUNDING

All students benefit from funding supported by SPICE in our Licking County Catholic schools. The SPICE fundraising board supports NC through fundraising in support of special initiatives and services; SPICE funds are directed locally and are not tied to parameters set by state scholarships or other sources of state funding with a very narrow scope. Rather, SPICE funding allows the student services team and administration at NC to examine the needs of students and the best means to serve these needs be it through additional personnel, services, or programming.

Newark Catholic also accepts students on state-funded scholarships, such as EdChoice, Jon Peterson, or Autism Scholarships. Students on the Peterson or Autism scholarship will receive services provided first through those scholarship funds, often in addition to SPICE funds (Special People in Catholic Education).

SPICE works to unify the student, family, and school in supporting the student, with funding and resources.

- SPICE supports teachers and staff in the philosophy that every child is special, and all children should have access to a Catholic Education when adequate services can be provided to facilitate the child's success.
- SPICE serves as a means to raise funds, employ needed personnel, and support the educational process in whatever area deemed necessary.
- SPICE brings about discussion and awareness necessary to embrace learning at all levels.
- With a growth mindset, SPICE brings about discussion and awareness necessary to embrace learning at all levels.

St. John Bosco Study Program

Students receiving the Jon Peterson or Autism scholarships are part of the St. John Bosco Study Program, supported by the structure and support of SPICE funds. Each student's individual needs will be assessed, and students will have access to additional tutoring and academic resources funded by their scholarship, the scholarship's provider, and SPICE funds; families who participate in the St. John Bosco Study Program will work with administration to determine levels of service provided at Newark Catholic High School through scholarship this unique scholarship funding and in alignment with state requirements; as such, a memorandum of understanding is drawn up annually. As well, scholarship application paperwork mandated by the State of Ohio is processed when a student qualifies to apply for Jon Peterson or Autism scholarship.

ACADEMIC DEPARTMENTS

000 BUSINESS

<u>Grade</u>	<u>Course</u>	<u>Title</u>	<u>Credit</u>
9	001	Freshman Foundations	½
10, 11, 12	012	Computer Applications I	½
10, 11, 12	013	Computer Applications II	½

001 FRESHMAN FOUNDATIONS

(1 semester)

Prerequisites: None

½ credit

9

This foundational course will be a requirement for all incoming freshmen. The course content is divided into 2 areas: (1) skills necessary for success in high school, and (2) technology. Topics will include study and organizational skills, test-taking skills with emphasis on state-mandated testing and college entrance testing, career and college exploration, emotional wellness, basic keyboarding skills, brief introduction to word processing and spreadsheets, sensible research techniques and resources, and responsible use of technology.

012 COMPUTER APPLICATIONS I

(1 semester)

Prerequisites: none

½ credit

10,11,12

Students will learn the fundamentals of technology education and learn to use computers to solve problems, develop higher level thinking skills and use computers as a tool in instruction. Students will also learn how to use computers for interdisciplinary learning and understanding the ethics involved in the use of computers in society. The use of Internet research and tools is developed and skills are refined to maximize effectiveness and minimize time spent. Skills will be demonstrated through typing practice and drills as well as using Microsoft Office (Word, Excel and PowerPoint) to complete projects combining the individual applications.

013 COMPUTER APPLICATIONS II

(1 semester)

Prerequisites: Computer Applications I

½ credit

10,11,12

This course is a continuation of Computer Applications I allowing students to expand their technological skills and work toward mastery of the programs and concepts introduced in the previous course.

100 FINE ARTS

	<u>Grade</u>	<u>Course</u>	<u>Title</u>	<u>Credit</u>
Visual Arts	10, 11, 12	102	Art Fundamentals	½
	9, 10, 11, 12	104	Drawing	½
	10, 11, 12	111,116	Painting I, II	½
	10, 11, 12	112	Three-Dimensional Art/Sculpture	½
	11, 12	113,114	Ceramics I, II	½
	11, 12	115	Studio Art–Portfolio & Career Development	1
	10, 11, 12	131, 132,133	Yearbook Production	1
	10 11, 12	141	Intro to Digital Communications	½
	11 12	142	Sacred Art & Faith	½
	11, 12	143	Mathematics of Art	½
Performing Arts	9, 10, 11, 12	161,162	Percussion Concepts I, II	½
	10, 11, 12	163	Music Appreciation	½
	9, 10, 11, 12	164	Vocal Music Ensemble	½
	9, 10, 11, 12	166,167	American Music Productions I, II	½

To satisfy the art credit required by the state of Ohio, sophomores will take one semester of Art Fundamentals and one semester of Music Appreciation. If students are unable to schedule this period of fine art as a sophomore – due to double-scheduled math or a strict academic need of the student as determined by the counselor – the art/music block will be scheduled into the student’s junior year.

* Students who earn at least a “B” in both art fundamentals and music appreciation will satisfy the *Fine and Performing Arts* graduation seal.

Due to the extensive number of projects and materials/supplies necessary for art course offerings, a fee has been placed on each course. These fees are payable on FACTS by the fifth day of class.

102 ART FUNDAMENTALS ½ credit
 (1 semester) FEE: \$25 + the purchase of a sketchbook 10 (gr 11, 12 as needed)
 Prerequisite: None

A fine arts course that introduces basic art skills such as the principles and elements of design. Students work in a hands-on environment with a variety of creative projects, such as drawing, painting and ceramics, to find a media that best suits them. Students will learn about artists, art styles and self-expression through this studio course. A sketchbook purchase is required.

104 DRAWING ½ credit
 (1 semester) FEE: \$25 + the purchase of a sketchbook 9,10,11,12
 Prerequisite: None

A studio course designed for persons who cannot draw at all and who believe they probably can never learn to draw. Students will learn to draw and develop their skills through daily drawing exercises, sketchbook assignments, and projects. Students will sketch using various media including pencil, pastel, charcoal and India ink. Students will become familiar with artists, art styles and self-expression through this studio course. A sketchbook purchase is required.

111 PAINTING I ½ credit
 (1 semester) FEE: \$35 **plus the purchase of an approved three-ring binder** 10,11,12
 Prerequisite: Drawing

A studio course exploring painting with watercolors, tempera, acrylics, and oils. Students will be exposed to different artists and their styles of expression. A three-ring binder with blank sheets of paper will be required.

116 PAINTING II ½ credit
 (1 semester) FEE: \$35 **plus the purchase of an approved three-ring binder** 10,11,12
 Prerequisite: Painting I

A studio course in which students will further develop painting techniques and skills through the media of watercolor, acrylic and oil paints. Emphasis is on further developing the artist's ideas and communicating through the painted subject matter. Students need to have the ability to work independently with good time management skills. A 3-ring binder with blank sheets of paper will be required.

112 THREE DIMENSIONAL ART/SCULPTURE ½ credit
(1 semester) FEE: \$35 plus the purchase of an approved 3-ring binder 10,11,12
Prerequisite: Art Fundamentals

This is a hands-on course focusing on the art of sculpture. Students will learn about different artists, methods and mediums for creating three-dimensional works. Students will work in wire, paper mâché, clay, wood, plaster and found art materials. A three-ring binder with blank sheets of paper will be required.

113 CERAMICS I ½ credit
(1 semester) FEE: \$35 plus the purchase of an approved 3-ring binder 11,12
Prerequisite: Art Fundamentals

A hands-on course in which students will use clay as a medium to create a number of ceramic forms. Students will be exposed to various construction methods, firing procedures, glazing techniques, as well as the works of various ceramic artists. Students need to have the ability to work independently with good time management skills. A 3-ring binder with blank sheets of paper will be required.

114 CERAMICS II ½ credit
(1 semester) FEE: \$35 plus the purchase of an approved 3-ring binder 11,12
Prerequisite: Ceramics I

A studio course in which students will further develop hand building techniques, glazing, decorating, and firing procedures. Emphasis is on further developing the artist's idea and communicating it through the ceramic form. In this course, students will have the opportunity to create on the potter's wheel. Students need to have the ability to work independently with good time management skills. A 3-ring binder with blank sheets of paper will be required.

115 STUDIO ART - PORTFOLIO & CAREER DEVELOPMENT 1 credit
(1 semester) FEE: \$35 plus the purchase of an approved sketchbook 11,12
Prerequisite: Art Fundamentals and two of the following: Painting I/II, 2-D Art, 3-D Art, Ceramics 1 & II, Drawing

Students will develop a portfolio presentation for college, visit and discuss careers in the visual arts. Students will create the curriculum with assistance from the art instructor. A sketchbook purchase is required. Students can take this course to prepare for an AP Studio Art portfolio in Drawing, 2-D Design, or 3-D Design. The fee may increase if additional materials are needed for the portfolio development. Students must have instructor approval to participate. This course will be offered first semester.

131, 132, 133 (1st, 2nd, 3rd year) YEARBOOK PRODUCTION 1 credit
(full year, course or independent study when necessary in coordination with instructor) 10,11,12
Prerequisite: None

Tell the Story of the Year - What if you could create something that lives beyond your time here, and becomes a permanent part of Newark Catholic High School's history? In Yearbook Production, you will do just that. In the course of learning how to take dynamic photographs that speak to readers without words, how to write compelling stories that bring events alive, how to design pages on a computer that are both technically correct and pleasing to the eye, and how to present yourself professionally by selling advertising, you will end up with a permanent record of your hard work that will be shared with the rest of the NC community for years to come.

Please note that this course is independent study, and course requirements will need to be completed outside of the school day or during a scheduled study hall. Students will need to document hours spent, as well as advertising sales as a required part of the course to earn credit at the end of the year. The sales goal for each student is dependent on the number of students in the class. But do not let that scare you – it is over quickly!

141 INTRODUCTION TO DIGITAL COMMUNICATIONS ½ credit
(1 semester) 10,11,12
Prerequisite: None

This course is an introduction to multimedia video production. Students will gain skills needed to become more effective communicators with digital technologies. Students will learn news gathering techniques, scripting, camera techniques, interviewing skills, storyboarding, video editing, and post production work. Students will produce a short documentary, broadcast/online commercial, and a movie trailer. Good written and oral communication skills are required. If the course becomes overfilled, juniors and seniors will have priority.

142 SACRED ART & FAITH

(1 Semester) FEE: \$20

½ credit

9, 10, 11, 12

In Sacred Art and Faith, students will gain a new awareness of the Catholic faith through the creation of art and the study of the history of art. The class will have a special focus on sacred art in Spanish-speaking countries as well as the integration of cultures into the ways the Catholic faith is lived. Some examples of projects may include: Glass painting of a Saint, Jewelry Arts, Calligraphy and Illumination, and Ceramic Vessels.

143 MATHEMATICS OF ART

(1 Semester) FEE: \$20

½ credit

11, 12

Prerequisite: Algebra II

In this class students will discover the links between Art and Mathematics by creating projects based upon various theories like the Golden Mean, Tessellations, and the Art of Architecture. Students will be introduced to the artists Leonardo da Vinci, MC Escher, Le Corbusier and many other artists and architects. Various speakers will visit to discuss the role of both mathematics and art in their professions. The course will culminate in a final culminating project, of the students' choice, encompassing the material presented during the course. This course will be co taught by a member of the math and art department.

142 VIDEO PRODUCTION / CHANNEL NONE ½ credit

(1 semester)

11, 12

Prerequisites: Introduction to Digital Communications

The major focus of this class is producing school-related videos. Students will use the skills learned in Introduction to Digital Communications to independently produce videos, including news packages and features, and broadcast commercial advertisements. Enrollment preference is given to students who have demonstrated outstanding self-motivation in Introduction to Digital Communications. Course may be taken a maximum of two times.

161 PERCUSSION CONCEPTS I

(1 semester)

Prerequisite: none

½ credit

9,10,11,12

Beginning percussion is intended as an introduction to playing different percussion instruments and rhythms. Basic areas covered would include: playing basic percussion patterns, different sticking techniques, learning various percussion instruments, and learning to play together as a group. Class size is limited to 12 students per semester.

162 PERCUSSION CONCEPTS II

(1 semester)

Prerequisite: Percussion Concepts I

½ credit

9,10,11,12

This course will continue with different percussion techniques, patterns and learning to play as a group. We will also focus on improving our personal drumming skills. All of this will be achieved through the use of a drum pad and other various percussion instruments.

163 MUSIC APPRECIATION

(1 semester)

Prerequisite: None

½ credit

10 (gr 11, 12 as needed)

Music Appreciation will study music from a historical and theoretical perspective. Students will study a wide variety of music styles and how these styles influence the music which is enjoyed by audiences today. This course will include music from the Medieval through Modern Jazz eras, as well as a variety of popular styles.

164 VOCAL MUSIC ENSEMBLE

(1 semester)

Prerequisite: None

½ credit

9,10,11,12

This Ensemble gives the student an opportunity to study, rehearse, and perform songs and choral music taken from different style periods. The student is encouraged to sing for his or her own enjoyment, and to provide choral music for various school and community activities. Emphasis is placed on developing a supported tone, vocal control, and learning and implementing those skills necessary for understanding, appreciating, and performing vocal music. This group sings at all school Masses. Course may be taken a maximum of four times with the approval of the instructor.

166 AMERICAN MUSIC PRODUCTION I

(1 semester)

Prerequisite: None

½ credit

9,10,11,12

AMP is a course designed to provide the student with a greater appreciation for musical theatrical performance. Students will learn basic production techniques used in acting including scenery, costume, make-up design, lighting, directing, and musical / dance. Students will learn to apply these concepts in analyzing plays, and in unit projects. At the end of the semester, students will perform or help "behind the scenes" in a school musical production.

167 AMERICAN MUSIC PRODUCTION II

(1 semester)

Prerequisite: AMP I

½ credit

9,10,11,12

AMP II is a more in depth course designed to expand and develop student actors in several areas of the musical theatre/theatre environment. Students will learn to apply these concepts through a variety of ways and will perform or help "behind the scenes" in a school musical production.

200 ENGLISH / LANGUAGE ARTS

<u>Grade</u>	<u>Course</u>	<u>Title</u>	<u>Credit</u>
9	201	English I	1
10	221	English II	1
10	222	Honors English II	1
11	231	English III	1
11	232	Honors English III	1
12	241	English IV	1
12	242	AP English IV	1
10, 11, 12	251	Speech	½
11, 12		English CCP (if pursued)	1

Please note: CCP offerings available through a given institution of higher education may count for high school dual credit within this department with a passing grade if pursued; students are to follow the application process to apply for and be granted credits from the state of Ohio; students then work with the guidance counselor in the semester prior to ensure course selections fulfill requirements. Core content area courses for graduation must be taken at Newark Catholic High School— ie: a CCP English cannot take the place of these Newark Catholic courses.

201 ENGLISH I

(full year)

Prerequisite: None

1 credit

9

This course provides a study of literary genres including the short story, the novel, poetry, and drama with an emphasis on multiculturalism. Grammar and usage is presented and reinforced in the context of the student's writing. Writing skills are developed through multi-paragraph compositions and essays related to literary readings. Vocabulary is presented through literary selections. Students will be taught fundamentals for state-mandated testing.

221 ENGLISH II

(full year)

Prerequisite: English I

1 credit

10

This course provides further study of literary genres including the short story, the novel, poetry, and drama. Students are taught how history affects the writing of the 20th century, as well as our culture today. Grammar and writing skills are further developed through multi-paragraph compositions with an emphasis on the thesis statement and the concluding paragraph. Vocabulary is presented throughout the year. Students will be taught fundamentals for state-mandated testing.

222 HONORS ENGLISH II

(full year)

Prerequisite: "A" in English I

Admission determined by the English Department.

1 credit

10

Honors English II is an in-depth study of literary genres focusing upon how history affects and influences the writing of the 20th century. In addition to the material covered in English II, students will read and do research on other authors, novels and historical time periods. Students will be required to do additional essays and or presentations on these works. Students will be taught fundamentals for state-mandated testing. The course is designed to prepare students for Honors English III.

231 ENGLISH III

(full year)

Prerequisite: English II

1 credit

11

English III provides a comprehensive study of American Literature from the Colonial Period to the Contemporary Period. Students will examine the works of important authors from each of the major eras of our nation's literary development. Required reading includes selections from the literature text and selected novels. Writing skills are strengthened through various multi-paragraph assignments usually dealing with themes and ideas presented in the literature works, and students are taught the steps to writing a formal research paper. Vocabulary is presented with all literary works. Additional grammar and testing strategies are taught to help with the English and Reading portions of the ACT.

232 HONORS ENGLISH III

(full year)

Prerequisites: "A" average in English II / "A" or "A-" average in Honors English II

Admission determined by the English Department.

1 credit

11

Honors English III is an in-depth study of major authors from all periods of American Literature. In addition to material covered in English III, students will read and complete research on additional American authors and their works. Emphasis is placed on literary analysis and strong writing skills. The course is designed to prepare students for advanced studies in English at the senior level. Additional grammar and testing strategies are taught to help with the English and Reading portions of the ACT. This course is designed to prepare students for AP English I.

232 HONORS ENGLISH III

(full year)

Prerequisites: "A" average in English II / "A" or "A-" average in Honors English II

Admission determined by the English Department.

1 credit

11

Honors English III is an in-depth study of major authors from all periods of American Literature. In addition to material covered in English III, students will read and complete research on additional American authors and their works. Emphasis is placed on literary analysis and strong writing skills. The course is designed to prepare students for advanced studies in English at the senior level. Additional grammar and testing strategies are taught to help with the English and Reading portions of the ACT. This course is designed to prepare students for AP English IV.

241 ENGLISH IV

(full year)

Prerequisite: English III

1 credit

12

The senior English course provides an exposure to the study of many great works in British and world literature covering the Medieval period to the Modern Age. Writing skills are enhanced and reinforced through personal and literary essays and a formal research paper. Language of literature through vocabulary and literary terms is included throughout all literary selections.

242 AP ENGLISH IV

(full year)

Prerequisites: "A " average in English III / "A" or "A-" average in Honors English III

Admission determined by the English Department.

1 credit

12

AP English IV is an enriched and in-depth class covering World literature with an emphasis on various themed units. Advanced writing and literary analysis skills will be incorporated throughout the study of the literature. Students will be responsible for graded practice AP tests as well as a formal research paper. AP English Literature and Composition exam materials are an essential part of the curriculum. Students take the AP English Literature and Composition exam in May. To prepare for the course, students will be required to read two novels during the summer prior to the school year.

251 SPEECH

(1 semester)

Prerequisite: None

½ credit

10,11,12

The purpose of this course is to develop a student's ability to formulate and communicate his/her ideas and feelings effectively to others. Students write and present various types of public speeches, both formal and informal. Oral presentation skills are also taught.

COMPOSITION I – College Credit Plus Course

(1 semester)

Prerequisites: **Admission determined by COTC**

1 credit - High School

3 sem hours- College Credit

11,12

Composition I is a writing intensive theme-based course that facilitates the development of college-level writing skills. The student will compose papers using expository writing while incorporating one's own thinking with credible research using MLA format. The student also will be introduced to APA format guidelines. The course emphasizes critical thinking, analytical reading, thesis development and deep revision of one's own compositions. The course also includes analysis of audience and theme in one's own writing and the writings of others, while developing the student's critical reading skills. This course fills up quickly. In the case the course is taken in person and if it becomes overfilled, NC will fill the class according to descending grade level (seniors first, then juniors), then by the date that funding was submitted in the SAFE Account.

400 WORLD LANGUAGE & CLASSICS

<u>Grade</u>	<u>Course</u>	<u>Title</u>	<u>Credit</u>
9, 10, 11, 12	421	Spanish I	1
9, 10, 11, 12	422	Spanish II	1
10, 11, 12	423	Spanish III	1
11, 12	424	Spanish IV – CCP	1
12	425	Spanish V - CCP	1
9, 10, 11, 12	431	Latin I	1
9, 10, 11, 12	432	Latin II	1
10, 11, 12	433	Latin III	1
11, 12	434	Latin IV	1
11, 12		Other Language-CCP (if pursued)	1

Please note: CCP offerings available through a given institution of higher education may count for high school dual credit within this department with a passing grade if pursued; students are to follow the application process to apply for and be granted credits from the state of Ohio; students then work with the guidance counselor in the semester prior to ensure course selections fulfill requirements.

Prerequisite for Level 1 world language:

A “C” average or higher in previous Language Arts and consultation with the School Counseling Department. A student not meeting this prerequisite may, with counselor permission, be admitted for a six-week provisional period. If the student does not achieve a “C” average in this period, the student may be asked to drop the course.

Please note – colleges place emphasis on at least three years of a world language and take special note of students continuing a world language as a senior.

421 SPANISH I 1 credit
(full year) 9,10,11,12

Spanish I has two goals: cultural competence and language proficiency. Culture will be explored through the categories of cultural products, practices and perspectives. Language proficiency will focus on the three modes of communication: interpretive (reading and listening), interpersonal (speaking, writing and listening) and presentational (writing and speaking). Novice Mid proficiency level is the end target of this course.

422 SPANISH II 1 credit
(full year) 9,10,11,12
Prerequisite: "C" average or higher in Spanish I

Spanish II has the same goals as Spanish I with a Novice High proficiency level as the end target.

423 SPANISH III 1 credit
(full year) 10,11,12
Prerequisite: "C" average or higher in Spanish II

Spanish III has the same goals as Spanish I and II with an Intermediate Beginning proficiency level as the end target.

ADVANCED SPANISH OVERVIEW

Students who want to expand their Spanish beyond the third year can do so through College Credit Plus. Spanish is available through The Ohio State University's Academy program. To participate in this program, students are required to:

- (a) Apply for acceptance into The Ohio State Academy,
- (b) Follow the process to participate in College Credit Plus, including an application for funding through the state,
- (c) Qualify for placement into a credit-earning course in Spanish (Span 1102 or 1103) through one of the available placement tests at OSU.

Students participating in online CCP courses will be scheduled for a study hall during the semester(s) they take the course to give time during the day for course completion.

CCP – Spanish 1102 1 HS credit + 4 sem hours
(one semester) 11,12
Prerequisite: See *Advanced Spanish Overview*, previous page

Further development of listening, reading, speaking, and writing skills in cultural contexts. Not open to native speakers of this language through regular course enrollment or EM credit. Considered “Spanish 2” at the college level.

CCP – Spanish 1103 1 HS credit + 4 sem hours
(one semester) 11,12
Prerequisite: See *Advanced Spanish Overview*, previous page

Continuing development of listening, reading, speaking, and writing skills in cultural contexts. Considered “Spanish 3” at the college level.

LATIN OVERVIEW: The Latin program is designed to teach the students to read and comprehend the written Latin language through readings in English and Latin, writing, vocabulary, grammar, language derivatives and syntax. A second objective teaches students the cultural and historical background of the Romans to better appreciate their own society and understand the modern impact on the Western world.

431 LATIN I 1 credit
(full year) 9,10,11,12

Latin I focuses on grammar items including noun declensions, verbs conjugations, numbers, adjectives, and pronouns. Cultural topics include the Roman house, Olympians, growing up, the Roman Monarchy, Pompeii, Roman entertainment, mythical monsters, and the Underworld.

432 LATIN II 1 credit
(full year) 9, 10,11,12
Prerequisite: "C" average or higher in Latin I

Latin II is a continuation of the vocabulary and syntax studies from Latin I with a grammatical focus on pronouns, subjunctive verbs, verbals, and irregular verbs. Cultural topics include the Roman Republic, Punic Wars, mythical heroes, and Julius Caesar. Excerpts from original Latin texts are used to reinforce the language skills learned.

433 LATIN III 1 credit
(full year) 10, 11,12
Prerequisite: "C" average or higher in Latin II

Latin III is an extensive study of Roman poets from the late Republic, Roman politics and the study of Cicero, Roman warfare, and Greek history. Latin texts are translated from authors such as Ovid, Catullus, Horace, Cicero, Pliny and Caesar. The focus is on reading and comprehending the Latin text and gaining an appreciation for the literature in its native language.

434 LATIN IV 1 credit
(full year) 11, 12
Prerequisite: "C" average or higher in Latin III

Latin IV is a continued study of poetry and other literature in the late Republic to early Empire. The focus continues to be on reading and comprehending the Latin text and gaining an appreciation for the literature in its native language. Cultural topics include the history of the Roman Empire, Trojan War cycle including Virgil's *Aeneid*, and Homer's *Iliad* and *Odyssey*.

OTHER LANGUAGE COURSE- CCP 1 HS credit + 3 sem hours
(one semester) 11,12
Prerequisite: inquire with guidance counselor

500 MATHEMATICS

The mathematics courses offered at Newark Catholic High School are designed to challenge students at every ability level. Accordingly, students are expected to take courses appropriate to their ability. Four years of mathematics is required, and students in the state of Ohio must complete Algebra 2 before graduation.

In general, the material in the mathematics classes is presented in a lecture-discussion format, supplemented with cooperative learning, technology, and manipulative activities. Emphasis is placed on completion of homework, practical applications, and, where possible, the interrelationship between mathematics and the physical sciences.

Texas Instruments graphing calculators (TI-84) are required and expected to be maintained by the student.

Students should pay particular attention to prerequisites for courses, as they will be strictly observed.

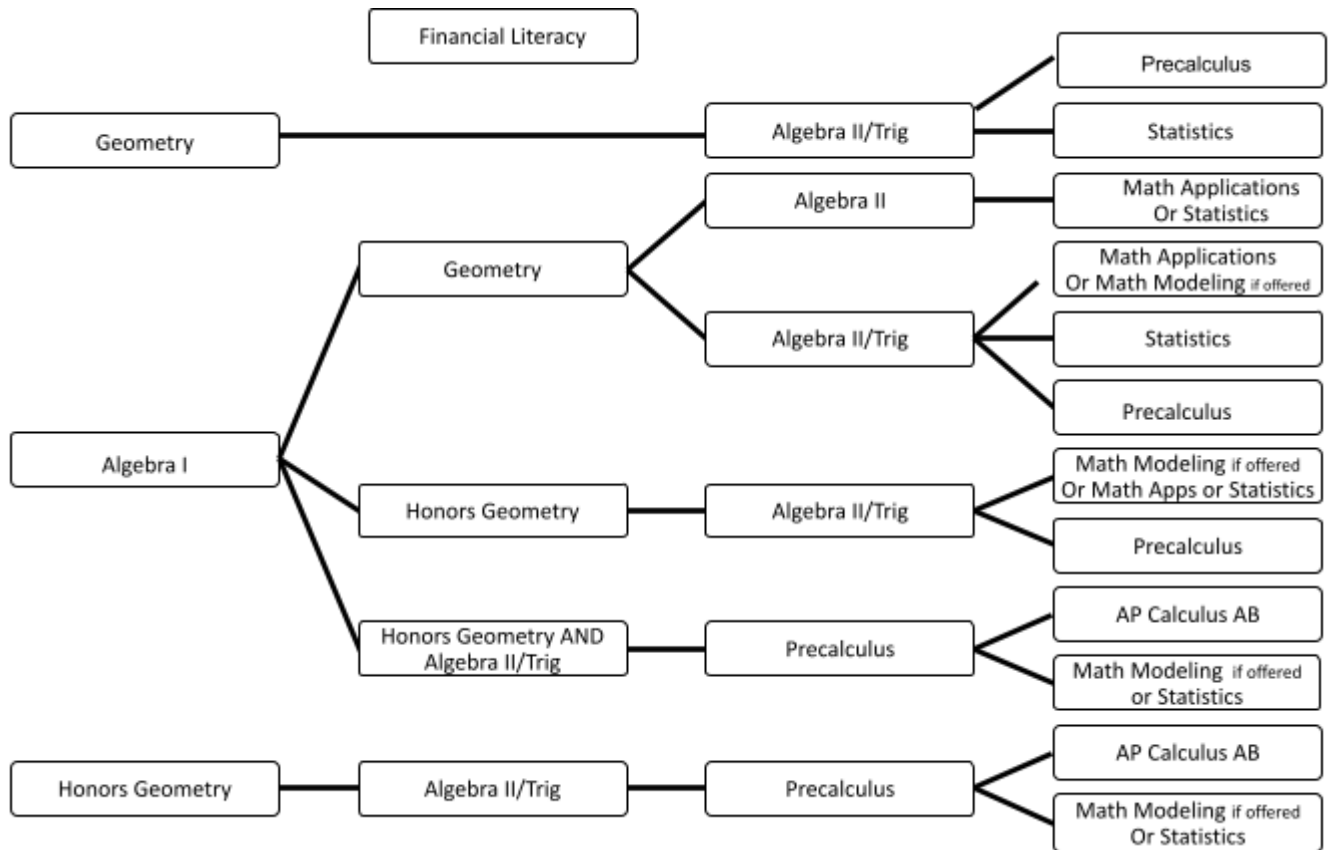
<u>Grade</u>	<u>gCourse</u>	<u>Title</u>	<u>Credit</u>
9	502	Algebra I Block (not offered '23-24)	1
9	511	Algebra I	1
10	522	Geometry	1
9, 10	523	Honors Geometry	1
11	531	Algebra II	1
10, 11	532	Algebra II with Trigonometry	1
12	537	Math Applications	1/2
11, 12	539	Mathematical Modeling (not offered '23-24)	1
11, 12	540	Precalculus	1
12	541	AP Calculus AB	1
11, 12	542	Statistics & Probability	1/2
11, 12	****	Math-CCP (if pursued)	1
11, 12	543	Financial Literacy	1/2

The sequence of study demonstrated below is an example of the *most common* pathways taken by our students for their four years. For more detailed information on alternative pathways, please refer to the prerequisites listed in the course descriptions and inquire with guidance.

Please note: CCP offerings available through a given institution of higher education may count for high school dual credit within this department with a passing grade if pursued; students are to follow the application process to apply for and be granted credits from the state of Ohio; students then work with the guidance counselor in the semester prior to ensure course selections fulfill requirements.

SEQUENCE OF STUDY

To satisfy the state requirement for personal finance education, all juniors will learn finance through the Financial Literacy Course taken typically in the junior year at NC. Students transferring in that have not satisfied the requirement will work with the guidance counselor to schedule this.



Prerequisites for Double Scheduling Math

The Algebra I teacher recommends students for double scheduling math based on grades through the end of semester one. These students are determined by: an “A” or “A-” in Algebra.

All students scheduled in double math their sophomore year are automatically placed in Honors Geometry and Algebra II/Trig. These students have first priority in being placed in Honors Geometry. The students involved in the 8th grade Algebra program will have second priority in placement into Honors Geometry with the recommendation of the instructor.

Students enrolled in either Honors Geometry or Geometry will be able to schedule for Algebra II/Trig the following year if their grades are sufficient and the teacher recommends it.

Prerequisites for Incoming Freshmen to take Honors Geometry

1. Student has taken and successfully completed an Algebra I class in the eighth grade that has been taught by a certified Algebra teacher following the Diocesan Course of Study or the Public School District course of study.
2. Students take and pass the Algebra Achievement Test with a score of at least 85%. This test is supplied by the Diocesan Department of Education and is required to be taken by all students attempting to successfully complete a high school Algebra I requirement as an eighth grader.
3. Student takes and passes the Honors Geometry placement test administered by the NC math department.

The student will be required to take Algebra I as a freshman if prerequisites 1 and 2 are not met. If prerequisite 3 is not met, students will be scheduled into Geometry. This applies to both incoming public and private school students. The Algebra Achievement Test will be administered at a date to be determined in May.

502 ALGEBRA I - BLOCK (not offered in 2023-2024) 1 credit
(full year) 2 class periods
Prerequisite: Placement determined by the School Counseling Department upon admission 9

The Ohio Department of Education, in conjunction with the new state learning standards, expects all high school students to take Algebra 1 or higher as their entry-level course. *Algebra 1 – Block* will schedule students for two periods per day of Algebra 1; one period will be in a typical Algebra 1 section and a second period will be for additional reinforcement of concepts with just Algebra 1-Block students. This will provide additional time to practice skills and bring students up to grade level in mathematics. Deductive reasoning will be taught through work with polynomials and problem solving. Topics will include: graphing and solving linear and second-degree equations and inequalities; graphing and solving linear and second-degree systems; rational and irrational numbers; and polynomial operations. This course is designed to help prepare the students for state-mandated assessments.

511 ALGEBRA I 1 credit
(full year) 9
Prerequisite: Placement determined by the School Counseling Department upon admission.

Deductive reasoning will be taught through work with polynomials and problem solving. Topics will include: graphing and solving linear and second-degree equations and inequalities; graphing and solving linear and second-degree systems; rational and irrational numbers; and polynomial operations. This course is designed to help prepare the students for state-mandated assessments.

522 GEOMETRY 1 credit
(full year) 10
Prerequisites: Algebra I “B” average or lower

The basic concepts of Euclidean geometry are introduced by relating geometry to algebra through the coordinate plane. Topics covered include: congruence, similarity, area, volume, transformational and coordinate geometry, and right triangle trigonometry. The emphasis of this course is the strengthening of algebraic skills through geometry. This course is designed to help prepare the students for state-mandated assessments.

523 HONORS GEOMETRY 1 credit
(full year) 9,10
Prerequisites: Algebra I “B+” average or higher; incoming freshman qualify according to the conditions outlined aboveP

The basic concepts of Euclidean geometry are introduced. Written formalization of deductive reasoning is taught through geometric proof. Topics covered include: congruence, similarity, area, volume, transformational and coordinate geometry, and right triangle trigonometry. The emphasis of this course is deductive and inductive reasoning. This course is designed to help prepare the students for state-mandated assessments.

531 ALGEBRA II 1 credit
(full year) 11
Prerequisites: Geometry “B-“ average or lower

This course will review and extend the algebraic concepts from Algebra I and Geometry. Topics include: linear, quadratic, rational and polynomial equations and inequalities; functions; irrational and complex numbers; and graphing techniques. The emphasis of the course is on the solidification of the skills of deductive reasoning.

532 ALGEBRA II WITH TRIGONOMETRY 1 credit
(full year) 10,11
Prerequisites: Geometry “B” average or higher or Honors Geometry “B-” average or higher
Algebra I “C” average or higher
May be taken concurrently with Honors Geometry if student qualifies for double scheduling

This course will briefly review the algebraic concepts from Algebra I and Geometry, and will extend them to include linear, quadratic, rational and polynomial equations and inequalities; functions; irrational and complex numbers; discrete mathematics; analytic geometry; graphing techniques; and a thorough treatment of trigonometry.

537 MATHEMATICAL APPLICATIONS 1/2 credit
(1 Semester) 12
Prerequisites: Algebra II, Algebra II with Trigonometry
Placement determined by the Math Department

Mathematical applications is a senior level course. Topics covered will include set theory, logic, various number systems, algebra, geometry, number theory, consumer math, and elementary probability.

538 STATISTICS & PROBABILITY 1/2 credit
(one semester) 12
Prerequisites: Algebra II, or Algebra II with Trigonometry
Placement determined by the Math Department

This course will serve as an introduction to basic statistics and probability. It will focus upon skill sets such as: statistical data analysis– mainly in one variable but some multivariable analysis, how to make inferences and best model for data, as well as probability and expected outcomes.

539 MATHEMATICAL MODELING (*not offered in 2023-2024*) 1 credit
(full year) 11,12
Prerequisites: Algebra II with Trigonometry “C” average or above
Placement determined by the Math Department

Course introduces mathematical modeling, based on the use of elementary functions, to describe and explore real-world data and phenomena. Graphical, numerical, symbolic, and verbal methods are used in the investigation of data, functions, equations, and models. Emphasis is placed on the applications and the ability to construct useful mathematical models, to analyze them critically, and to communicate quantitative concepts. Setting up and solving basic word problems is a key component of the course.

540 PRECALCULUS 1 credit
(full year) 11,12
Prerequisites: Algebra II with Trigonometry “B” average or higher
Placement determined by the Math Department

Course will explore the interrelationships between geometry and algebra. Topics will include: concepts of functions, circular and trigonometric functions, analytic geometry, nonlinear graphing, polar graphics, complex numbers, series and sequences, and an introduction to statistics.

541 AP CALCULUS 1 credit
(full year) 12
Prerequisites: Precalculus “B” average or higher
Students are required to take physics concurrently, and the AP Calculus Test upon completion of class

Placement determined by the Math Department

This course is designed to show the relationships between functions, graphs, and limits, and how they relate to Differential and Integral Calculus. Topics include: deriving formulas for the derivative of various functions, evaluating finite and infinite limits, expressing answers and ideas graphically, and developing integral formulas. This class is designed to expand on Precalculus knowledge and show how Calculus is formed on those principles. Students participate in the AP Calculus AB test in May for the opportunity to earn college credit.

560 FINANCIAL LITERACY

(one semester)

Prerequisites: Algebra I

Placement determined by the Math Department

1/2 credit

11

This is an introductory course in the study of Financial Literacy and Consumer Economics/Personal Finance. It is a one semester course and is aligned to Ohio's New Learning Standards. The course will begin by examining the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. A heavy emphasis will be placed on preparing students for their immediate financial future and teaching skills that will be applicable in real-world situations. The second half of the semester will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants, placing focus on micro and macro economic concepts, as well as the global economy.

OTHER MATHEMATICS CCP /Advanced HS Math Credit

(one semester)

Prerequisite: Algebra II with Trig

1 HS credit + 3 sem hours

11,12

600 SCIENCE

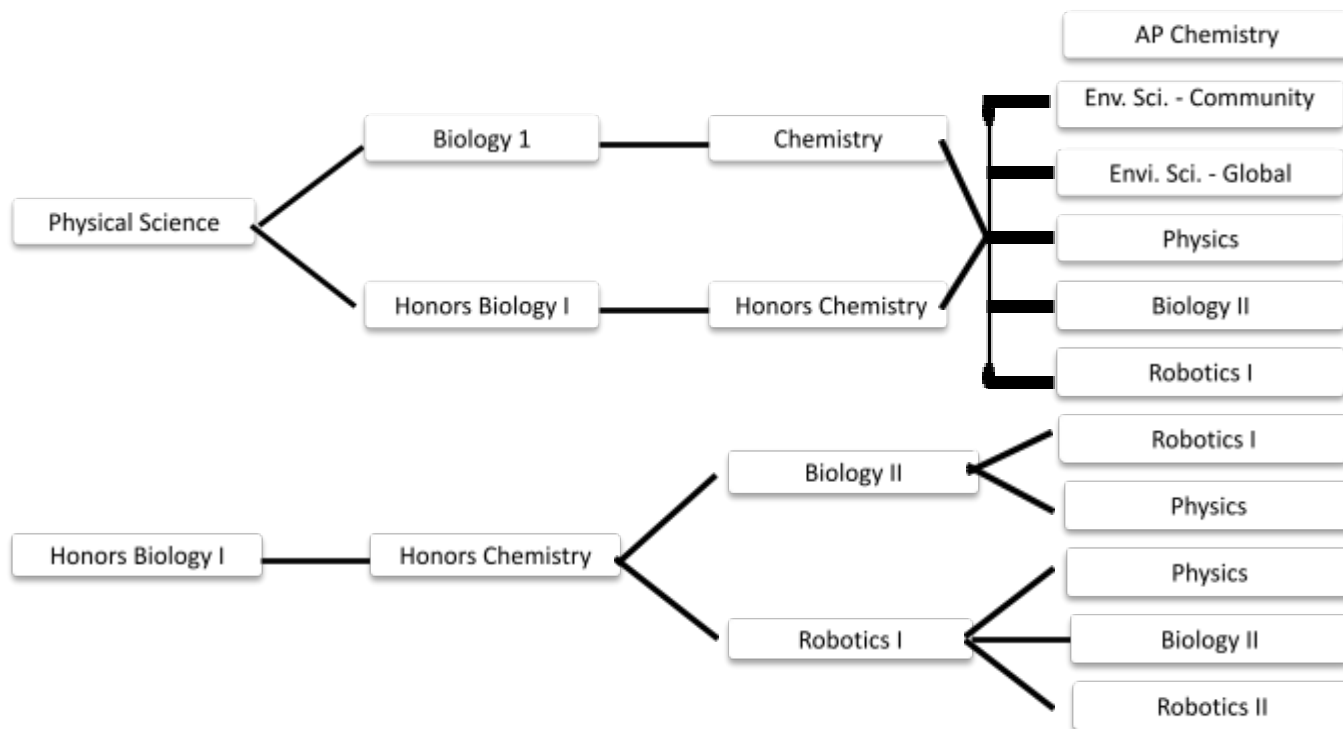
<u>Grade</u>	<u>Course</u>	<u>Title</u>	<u>Credit</u>
9	611	Physical Science	1
10	621	Biology I	1
9, 10	622	Honors Biology I	1
11, 12	623	Biology II	1
11	631	Chemistry I	1
10, 11	632	Honors Chemistry I	1
11, 12	633	AP Chemistry	1
11, 12	641	Physics	1
12	650	Environmental Science – Community	½
12	651	Environmental Science – Global	½
11, 12	652	Physics for Robotic Engineering I	1
12	653	Physics for Robotics Engineering II	1
11, 12	660	Astronomy	1
11, 12		Science- CCP (if pursued)	1

Honors Science courses have limited space. Students with an “A” in the previous prerequisite courses will automatically be allowed to take the honors course. Those with an “A-” will be admitted to the course until the class is full, using the following criteria for selection: cumulative GPA, standardized math scores, determination of the science and math instructors.

The sequence of study demonstrated below is an example of the most common pathways taken by our students for their four years. For more detailed information, please refer to the prerequisites listed in the course descriptions.

Please note: CCP offerings available through a given institution of higher education may count for high school dual credit within this department with a passing grade if pursued; students are to follow the application process to apply for and be granted credits from the state of Ohio; students then work with the guidance counselor in the semester prior to ensure course selections fulfill requirements. Core content area courses for graduation must be taken at Newark Catholic High School– ie: a CCP English cannot take the place of these Newark Catholic courses.

SEQUENCE OF STUDY



611 PHYSICAL SCIENCE

(full year)

Prerequisite: none

1 credit

9

This course is an introduction to chemistry, physics, and earth science and includes development of problem solving skills and laboratory procedures. The focus of the course will be the nature of matter, changes in matter, chemical reactions, motion and energy, waves and wave properties, electricity and magnetism, earth and space.

621 BIOLOGY I

(full year)

Prerequisite: Physical Science

1 credit

10

Designed for the first year biology student, Biology I covers an array of modern biology topics: molecular and cellular biology, genetics, classification, evolution, ecology, and a comparative survey of the domains and kingdoms of all of the organisms on earth. The course emphasizes skills in scientific problem solving, taxonomy, and development of laboratory skills, including use of the microscope and other laboratory apparatus. This course uses an inquiry-based approach to biology. This course is designed to help prepare the students for state-mandated assessments.

622 HONORS BIOLOGY I

(full year)

Prerequisites: **Placement determined by the Science and Math Departments**

Sophomore with an "A" in Algebra I and Physical Science, and

must be concurrently enrolled in Honors Geometry or a higher math course

1 credit

9, 10

Honors Biology I will be analyzing the organization of life, from the cell to the environment. The major topics being covered will be the scientific method, genetics, botany, anatomy, evolution, taxonomy, animal behavior, and ecology. Emphasis will be placed on developing the scientific mind through critical thinking, laboratory experiments, reading science novels, and looking into current scientific research. Projects will be done periodically through the year.

623 BIOLOGY II

(full year)

Prerequisites: Bio I

1 credit

11,12

This course is designed for students considering a career in the sciences and/or wishing to build upon their Biology I background. This course covers the "study of all life" which includes analyzing the creation of a cell as well as the organization of the environment. Basic principles of genetics, botany, microbiology, ethology, ecology, anatomy, and evolution will be discussed. "Current research" will be brought into the classroom through discussion, homework, and projects. Laboratory experiments, dissections, and possible field trips will take place periodically throughout the year. This course fulfills the requirements for an advanced science for graduation.

631 CHEMISTRY I

(full year)

Prerequisites: Algebra, Biology I

1 credit

11

This course utilizes a conceptual approach to the major principles of chemistry. Solving problems will be one of the course objectives. However, the major emphasis will not be on the mathematics of chemistry. Topics covered include measurement, matter-energy-change, atomic theory, bonding, chemical shorthand, descriptive chemistry, nuclear chemistry, organic chemistry, and qualitative analysis. This course is designed to provide those students planning careers in traditionally non-science majors such as business, social sciences, arts and the humanities with a fundamental understanding of chemistry and its connection to other sciences and technologies. This course meets college requirements for a laboratory science and will serve as preparation for college basic science courses for non-science majors. This course fulfills the requirements for an advanced science for graduation.

632 HONORS CHEMISTRY I

(full year)

1 credit

10,11

Prerequisites: **Placement determined by the Science and Math Departments**

"A" average in Honors Biology I or Biology 1, and a recommendation from the Chemistry teacher

This course follows a logical, sequential development of major chemical principles, beginning with the "mechanics" of chemistry, the theoretical development of the atom and the structure of matter as it relates to the periodic table. Other topics include the mole concept, stoichiometry, equilibrium, reaction rates, acids and bases, and oxidation and reduction. Some descriptive and analytical chemistry is included. Extensive application of mathematical skills in problem solving and laboratory work is integral to this course. This course meets college entrance requirements and is intended for science or math majors.

633 AP Chemistry

(full year)

1 credit

11 or 12

Prerequisites: **Placement determined by the Science Department**

This course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students will take the AP exam in the second semester.

641 PHYSICS

(full year)

1 credit

11,12

Prerequisites: **Placement determined by the Science Department**

Successful completion of Algebra II or Algebra II w/Trig

Physics is a college level course that investigates the macroscopic world in which we live. This course is mathematic intensive and emphasizes problem solving involving the fundamental concepts of physics. The topics covered include kinematics, dynamics, forces, gravitation, momentum, states of matter and energy, wave motion, optics, sound, electricity and magnetism, nuclear and astrophysics. This course fulfills the requirements for an advanced science for graduation.

**AP Calculus students are required to take Physics, however a Physics student does not have to be in AP Calculus.*

650 ENVIRONMENTAL SCIENCE - COMMUNITY (not offered in '23-24)(1st semester)

½ credit

12

Prerequisite: None; both Environmental Sciences are taken the same year, one each semester

Environmental Science introduces ecological topics ranging from ecosystems to individual organisms. Some of the topics introduced in the course include the nature of ecology as a science, the individual and its physical environment, population distribution and growth, biodiversity, and community dynamics. Environmental concepts will be explained using examples from diverse habitats and across a broad spectrum of taxa (bacteria, fungi, animals and plants). Special topics include recent advances in environmental studies as well and specific studies of environmental issues in our local community. Students will participate in the Ohio Energy Project.

651 ENVIRONMENTAL SCIENCE - GLOBAL (not offered in '23-24)(2nd semester)

½ credit

12

Prerequisite: None; both Environmental Sciences are taken the same year, one each semester

Explores Earth's natural systems, as well as how human activity affects the environment; students will apply the scientific method to investigate natural flows of chemical, water and energy in terrestrial, aquatic, and atmospheric systems, and how humans impact these natural flows and systems. Students will participate in the Ohio Energy Project.

652 PHYSICS FOR ROBOTIC ENGINEERING I

(full year)

1 credit

11,12

Prerequisites: Placement confirmed by the science department

Students will learn to apply Physics topics (Electricity and Magnetism, Series and Parallel Circuits, Solid-State Electronics, Work and Simple Machines, Motion, Forces in One and Two Dimensions, and Rotational Motion) combined with computer programming and circuit design to solve real world problems. Students will make use of the Arduino Uno Microcontroller, Makerbot Replicator 3D Printer, Autodesk Inventor, and other lab equipment to complete assignments. Students will design and build a First Robotics Competition robot based on the FRC guidelines posted

every January. (*See note)

653 PHYSICS FOR ROBOTIC ENGINEERING II

1 credit

(full year)

12

Prerequisites: Successful completion of Physics for Robotic Engineering I

Students will complete four projects (quarter long projects) based on skills learned in Robotics I. Students and the instructor will design the parameters of the project and students will use project management skills to create goals and deadlines in order to complete their project within the given time period. Project difficulty will require students to research advanced skills in order to complete their project. (*See note)

**Physics for Robotics is intended for students with specific interest in expanding their skills in the applied physics and technology specified above. It is not a replacement for a core track science, such as Physics, Biology 2, or Environmental Science.*

660 Astronomy

1 credit

(1 full year)

11, 12

Prerequisites: Algebra II with trig preferred or Algebra II with an A

This course provides an overview of the universe and its components, covering topics such as the solar system, stars, galaxies, and black holes. Students will develop scientific inquiry skills and engage in hands-on activities, such as astrophotography and observing the night sky. Additionally, they will learn about the history of astronomy and the importance of space exploration. By the end of the course, students will have a solid foundation in Astronomy and be prepared for further studies in science and related fields. This course fulfills the requirements for an advanced science for graduation.

Other SCIENCE CCP /Advanced HS Science Credit

1 HS credit + 3 sem hours

(one semester)

11,12

700 HEALTH & WELLNESS

<u>Grade</u>	<u>Course</u>	<u>Title</u>	<u>Credit</u>
9, 10, 11, 12	701	Physical Education	¼
9, 10, 11, 12	702	Fitness For Life	½
9, 10, 11, 12	703	Physical Education	¼
11, 12	704	Leadership & Communication Development	½
9, 10, 11, 12	731	Health	½

701 PHYSICAL EDUCATION

(one semester) *only offered if the Summer Session of PE in June prior to start of school is not offered*
Prerequisite: None

¼ credit
9,10,11,12

This course is offered primarily to both freshmen and sophomores. The course meets five days per week, giving the students the opportunity to complete the State requirement in Physical Education. Classes, which are co-educational, enable the student to increase understanding of fitness and total wellness through individual and group activities. Each student will be encouraged to participate in goal setting for individual fitness, cooperative group activities, and strategic games. Students will be graded on their knowledge of activities demonstrated through quizzes, homework, daily participation, and general attitude toward others.

702 FITNESS FOR LIFE

(one semester)
Prerequisite: None

½ credit
9,10,11,12

This course is designed to provide an opportunity for students to increase their level of physical fitness through basic to moderate exercise training. In addition, each student will gain an understanding of the importance of physical fitness and flexibility. This course includes, but is not limited to cardiovascular activities, plyometrics, basic kinesiology, and aerobic exercises. Healthy sportsmanship is incorporated during team play.

703 PHYSICAL EDUCATION SUMMER SESSION (not offered for '23-24)

(summer session – 7 days)
Prerequisite: None
Fee will be due before class begins.

¼ credit
9,10,11,12

This course is designed for a two week, intense Physical Education experience. The course will follow the Diocesan Course of Study.

Students are required to complete two (2) semesters of physical education for graduation. By the end of 10th grade if a student has not completed this requirement and has not scheduled for summer school physical education, the school will schedule physical education in the 11th grade. The rationale for this policy is that if a student waits until their senior year to take physical education, the school cannot guarantee the course will be offered or that it can be scheduled, thus precluding the student from graduating.

704 LEADERSHIP & COMMUNICATION DEVELOPMENT

(one semester)
Prerequisite: None

½ credit
11,12

This course will work on defining leadership, its role on influence, and the impact of communication. These topics will be studied regarding influence on all aspects of a person's life (personal, career, social, family, and spiritual), and all periods in a person's lifespan. Content areas include: the role of influence, decision-making, problem-solving, goal setting, effective communication, organization and time management, leadership styles, influence in relationships, community impact, and strategies to implement change. Students will engage in reading, group and individual projects, interviews, self-analysis and discussion.

731 HEALTH

(one semester)

Prerequisite: None

½ credit

9,10,11,12

This course is designed to assist students in developing positive health attitudes and practices throughout their lives. The course work will involve information to assist students in increasing their awareness about physical, mental, social, and spiritual health. This course will also include information dealing with individual, family, and community well-being.

800 THEOLOGY

<u>Grade</u>	<u>Course</u>	<u>Title</u>	<u>Credit</u>
		<i>Theology I</i>	
9	811	The Revelation Of Jesus Christ In Scripture	½
9	812	Who Is Jesus Christ	½
		<i>Theology II</i>	
10	821	The Mission Of Jesus Christ (The Paschal Mystery)	½
10	822	Jesus Christ's Mission Continues In The Church	½
		<i>Theology III</i>	
11	831	Sacraments As Privileged Encounters With Jesus Christ	½
11	832	Life In Jesus Christ	½
		<i>Theology IV</i>	
12	841	History Of The Catholic Church	½
12	842	Living As A Disciple Of Jesus Christ In Society	½
11, 12	850	Exploring the Vocation to Catholic Education	½

Failure of any semester course will be made up during summer school.

811 THE REVELATION OF JESUS CHRIST IN SCRIPTURE

½ credit

1st Semester

9

This course is designed to give students basic information about Sacred Scripture in order to prosper reading and understanding the Bible. Students will focus on key concepts highlighting the fact that Scripture is the Inspired Word of God and a primary means for encountering the Revelation of the Living God with a particular focus on the Good News of Jesus Christ.

812 WHO IS JESUS CHRIST

½ credit

2nd Semester

9

This course is designed to move students into a deeper understanding of Jesus Christ as the ultimate revelation from God to us. Students will delve into the mystery of Jesus through the study of the Incarnation. Exploring the great mysteries of Christ, students will then focus on the human response – faith.

821 THE MISSION OF JESUS CHRIST (The Paschal Mystery)

½ credit

1st Semester

10

Students will explore what God has done for us (Redemption) through Jesus Christ and the Paschal Mystery. Through this course, students will learn they share in this redemption and explore what it means to be a disciple of Christ.

822 JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH

½ credit

2nd Semester

10

Students will study the Apostles and the beginning of the Church. Students will learn that the Church is the Body of Christ sustained by the Holy Spirit with an emphasis on the sacred nature of the Church.

831 SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS CHRIST

½ credit

1st Semester

11

Students will study each of the Sacraments as the means by which they receive Christ in a full and real way with a special emphasis on the Eucharist.

832 LIFE IN JESUS CHRIST

½ credit

2nd Semester

11

Students will study and learn the moral precepts and concepts that should govern a life lived as a disciple of Christ. This focus will help students understand that it is only through Christ that they can fully live out God's plan for their lives.

841 HISTORY OF THE CATHOLIC CHURCH

½ credit

1st Semester

12

This course will explore the 2,000-year history of the Catholic Church beginning with the Apostles and ending with the present apostolic successor. Students will also learn about the role of the Holy Spirit in sustaining the Church through its tumultuous time emphasizing the church's both Divine and human elements.

842 LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY

½ credit

2nd Semester

12

This course is to introduce students to the Church's Social Teaching. In this course students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

850 Exploring the Vocation to Catholic Education

½ credit

(Semester)

11, 12

This course explores the call to Catholic Education as a vocation; it is designed to give students a theoretical background in pedagogy and the philosophy of Catholic Education which distinguishes service in Catholic schools from other school cultures. Students will also examine topics such as: classroom management, high yield instructional strategies, how to gather and analyze data, and introductory lesson planning techniques among others. Student participation in the required field experience assisting an assigned teacher(s) in the school requires that the student can arrange for their own transportation; parent permission and forms must be completed prior to participation in the field experience components of the course.

NC/C-TEC Dual Enrolled Students**THEOLOGY III / THEOLOGY IV**

1 credit each

(All year)

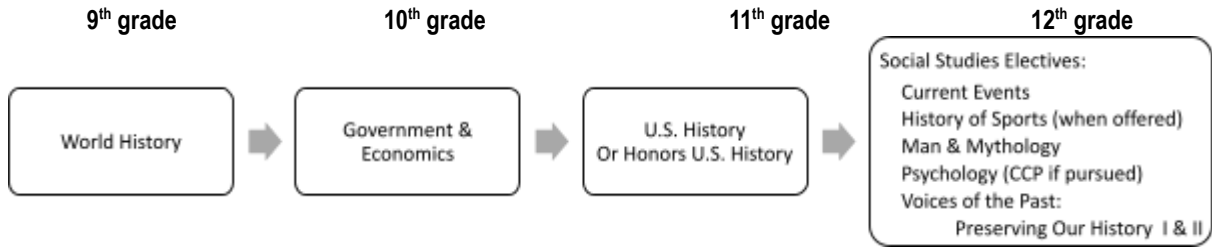
11,12

Students who attend C-TEC and remain at Newark Catholic as their home school *are required to participate in theology instruction daily on campus at NC*. Generally, this occurs during the first or last period of the day; students are accommodated to ensure they are free during supervised study at C-TEC and can travel to NC for these courses and fulfill requirements. Should this be impossible due to a lack of flexibility in lab time at C-TEC, the student will be made aware in the Spring by the Guidance department because the Newark Catholic High School Diploma requires that students comply with Diocesan theology course policy as outlined in this handbook.

900 SOCIAL STUDIES

<u>Course</u>	<u>Title</u>	<u>Credit</u>
911	United States History	1
912	Honors United States History	1
925	Government & Economics	1
941	World History	1
951	Current Events	½
953	Psychology- CCP (if pursued)	1
954	Man and Mythology	½
955	History of Sports (not offered in 2023-2024)	½
956	Voices of the Past: Preserving Our History I	½
957	Voices of the Past: Preserving Our History II	½
959	Criminology	½
	Other Social Studies-CCP (if pursued)	

The chart below demonstrates the social studies progression.



Students transferring to NC after freshman year may have taken a different order of social studies courses. Students will be placed in Government & Economics and U.S. History first to ensure there is enough time to complete state graduation testing, then they will schedule World History if needed.

911 UNITED STATES HISTORY

(full year)

Prerequisite: None

1 credit

11

Students will chronologically study the history of the United States of America with an emphasis on both domestic and foreign affairs from 1877 to the present. In addition, emphasis will be placed on historical documents that helped shape the United States, applying concepts of the earlier Enlightenment movement to the application of the U.S. Constitution. The episodes of America's past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives in attempts to draw solid conclusions in students' understanding of how these events came to pass and their meaning in our world today.

912 HONORS UNITED STATES HISTORY

(full year)

Prerequisite: Teacher Recommendation in consultation with Honors instructor

1 credit

11

Students will chronologically study the history of the United States of America with an emphasis on both domestic and foreign affairs from 1877 to the present. In addition, emphasis will be placed on historical documents that helped shape the United States, applying concepts of the earlier Enlightenment movement to the application of the U.S. Constitution. The episodes of America's past have shaped the nature of the country today

and prepared it to attend to the challenges of tomorrow. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives in attempts to draw solid conclusions in students' understanding of how these events came to pass and their meaning in our world today.

925 GOVERNMENT & ECONOMICS

(full year)

Prerequisite: None

1 credit

10

The purpose for this course is to study the American government system from the beginning origins of state laws and the development of the constitution to the current political system. The course will emphasize the three branches of government, constitutional laws at both the national and state levels, comparative political and economic systems, participating in state and local government, and political behavior. Students will also be introduced to the basic concepts of the American economic system. Students will study the American free enterprise system, how markets work, business and labor organizations, finance, taxes and government spending, and the global economy. Additionally, students will study personal finance, including budgeting, taxes, financing college education, and credit. Students will understand the impact of debt on their personal economy.

941 WORLD HISTORY

(full year)

Prerequisites: None

1 credit

9

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 wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

951 CURRENT EVENTS

(1st semester)

Prerequisite: None

½ credit

12

This elective course discusses political, social, and economic issues both domestically and around the world. Various forms of media, magazines, newspapers, and other periodicals will be used as resources to brief students on world events. An emphasis will be placed on the proper use of the internet for current information and recognition of potential bias in the media. There will be a number of reading/homework assignments daily in addition to weekly assessments.

953 PSYCHOLOGY – College Credit Plus Course

(1 semester)

Prerequisites: **Admission determined by COTC**

1 credit - High School Credit

3 sem hours- College Credit

11, 12

Introduction to Psychology is a college course, taught by a COTC professor, that provides an introduction to the areas of basic theoretical constructs, nervous system functioning, perception, learning, memory, emotion, cognition, intelligence, personality theories, stress, social psychology and motivational psychology. This course fills up quickly. If it becomes overfilled, NC will fill the class according to descending grade level (seniors first, then juniors), then by the date that funding was submitted in the SAFE Account.

** Note – Additional requirements for Psychology/CCP taken at NC:*

(1) Acceptable placement test score or ACT score;

(2) State funding to classify as a CCP student.

954 MAN AND MYTHOLOGY

(1 semester)

Prerequisite: None

½ credit

11, 12

This semester-long elective course is designed to help students learn about the impact of the modern and historic global community on the Catholic Church and their own culture. Ancient European mythology, which includes Sumerian, Babylonian, Egyptian, Greek, Roman, and the Norse cultures, will be the focal point of discussions. Students will gain an understanding and appreciation for the literature, policies and beliefs of these cultures through reading, writing, and comparing. Students will also focus on the impact these mythologies have on their own language and society in respect to basic human needs and concerns. Students will be assessed through homework activities, class presentations, writing assignments, and tests.

955 HISTORY OF SPORTS (not offered in '23-24)
(1 semester)
Prerequisite: None

½ credit
12

This history elective will examine how American culture has developed a special and intense relationship with sports. Our studies will focus on helping students gain a greater comprehension of the social, economic, and cultural influence that sports have on American society. We will examine the roles that gender, race, ethnicity, consumerism, mass media, and economics have played over time. Students will do historical investigation through a wide range of primary and secondary documents, examining videos and speeches, reading oral histories, and beginning research of their own. This course is broken down into current event readings in sports, examination of historical documentaries, and application of sports in real world literature.

956 VOICES OF THE PAST: PRESERVING OUR HISTORY, I
(1 Semester)
Prerequisite: World History

½ credit
10, 11, 12

In this research based course, students will use primary and secondary sources to assemble and synthesize stories of family and community members, veterans, and former students at Newark Catholic. This course will involve working with community stakeholders, public records, historical societies and databases to create biographies of the topics researched. Students will take an in-depth look at how specific historical events and time periods have affected the lives of the individuals they study. Collaborative learning principles will be utilized in this project-based course. Students will also be expected to complete a service learning project based on their work in this course.

957 VOICES OF THE PAST: PRESERVING OUR HISTORY, II
(1 Semester)
Prerequisite: Voices of the Past: Preserving Our History, I

½ credit
10, 11, 12

In this research based course, students will delve deeper into independent study with mentorship from the instructor to set forth the purpose for the project, points of inquiry, and strands from the high school social studies course of study for immersive, project-based study. Students will draw upon primary and secondary sources to assemble and synthesize stories of family and community members, veterans, and former students at Newark Catholic. Students may choose to build upon the topics of study from course I and expand the service learning element or set forth a related or different topic of study with the instructor's approval.

959 CRIMINOLOGY
(one semester)
Prerequisite: Government/Econ

½ credit
11,12

As an all-encompassing introduction to the study of crime, criminals and the justice system, students will engage in study rooted in analysis and synthesis of past and current practices. Students will consider the justice system's response through a Catholic world-view of morality and through a social science lens. With regard to crime, the course examines its relativity to society, the history, the cost, and why it occurs. Students will take an in-depth look at a criminal's behavior. The course examines the criminal justice system's response, recidivism and prevention.