

NEWPORT CENTRAL CATHOLIC

Curriculum Guide

2022-2023



To succeed you must believe, and we believe!

NEWPORT CENTRAL CATHOLIC HIGH SCHOOL

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(859) 292-0001 www.ncchs.com

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A NOTE FROM THE PRINCIPAL

Dear Newport Central Catholic Community and Prospective Families,

Thank you for your interest in the Academic offerings of NCC.

We are particularly excited this 2022-23 school year for what we have to offer academically, as there have been a number of changes on how we will operate moving forward. Beginning with the 2022-23 school year will be adopting a more structured academic tracking, but within a restructured schedule that offers more flexibility, individualization, and well-roundedness than ever before.

The Academic Tracking system will affect only the freshmen and sophomores of the 2022-23 school year. Due to the nature of this tracking and previous classes already completed, the 2022-23 junior and senior classes will not be affected by this tracking system. This is a three track system generally labeled as:

Honors/AP for Freshmen and Sophomores or Providential Scholar Program for Juniors and Seniors

College Preparatory

College/Career for Freshmen and Sophomores or St. Joseph Institute for Juniors and Seniors

These tracks are fluid as students can transition from one track to another from semester to semester as long as the student is on track to meet graduation requirements. Ninety percent of our graduates at NCC go on to traditional four year colleges/universities. This tracking system will continue to support the overwhelming majority of our students aspiring to do so, but also maximizes the chances of success after high school graduation for the other 10% by offering experiences in the trades and vocational fields. For more details, on this tracking system please see our Strategic Plan to 2030 found on the school website.

To further meet the needs of all of our students, we have restructured our daily 7x2 semester class schedule, specifically by altering when elective classes are offered. Moving senior electives to the end of the school day allows us more flexibility in offering programs such as the new St. Joseph Institute and opens the door for outside the box experiences in which upperclassmen can leave campus. Options to allow students to take part in Co-op and Internship types of programs will be a common part of the NCC educational experience due to this restructure.

In addition to shifting when electives are offered, our staff has created new and rebranded elective choices that are detailed in this guide. Classes such as Battle Reenactments, Engineering 101, and Forensics & Crime Scene lend themselves to more engagement and project based learning.

We are still able to offer online Dual Credit options allowing students to earn both high school and college credits simultaneously, and we are pleased to announce we are adding additional in-person Dual Credit classes due to the credentials of our teaching staff.

If you have any questions regarding any of these changes or our offerings, please do not hesitate to contact our administrative offices. We are here to serve!

Gratefully,

Ken Collopy

Principal

Newport Central Catholic HS

The NCC Curriculum Guide has been compiled to provide academic information to students and parents to facilitate planning and continued high school success. Questions about its content should be directed to the Guidance Department at (859) 292-0001.

MISSION STATEMENT

Newport Central Catholic High School is a private, Roman Catholic high school operated by the Diocese of Covington. Our mission is received from the Gospel message of Jesus Christ: to form men and women for service, leadership, and evangelization in the Church and community.

FAMILY PHILOSOPHY

Our faculty, staff, students, parents, and school board are a “family” in the respect and support we show for one another. As the NCC family, we work to bring to fuller realization the Kingdom of God that has already begun in our hearts.

Our school remains committed to sharing in the education of the whole person with the family, the parish, and the civic community. NCC leads each student to understand and develop personal giftedness and freedom through our curriculum and activities. This focus provides for all facets of growth in an atmosphere guided by the principles and teaching of the Catholic Church. We at NCC also recognize our unique role as educator in the academic area. Students at NCC are being prepared to bring hope and competence to a complex society through a sharing of Gospel values and the good use of knowledge and scientific technique. Our students are challenged to develop themselves to the level of their ability. The faculty endeavors to make students conscious of God’s presence in their lives, so as to build in each a positive self-image. Upon graduation, we are confident our students are prepared for a lifetime of learning.

OBJECTIVES

1. To teach the good news of Jesus Christ in a meaningful way.
2. To treat everyone with the same respect and dignity regardless of race, creed, color, ethnicity, or national origin.
3. To provide opportunities for developing the bonds of respect, affection, and cooperation among all members of the NCC family.
4. To impart basic skills needed in contemporary life.
5. To nurture spiritual, cultural, social, psychological, and physical growth in students.
6. To discern students’ gifts and weaknesses, so as to provide quality education at all levels and sequences of learning.
7. To balance students’ self-direction and freedom with personal responsibility.
8. To sensitize students to issues of environmental stewardship, social justice, and reverence for life.
9. To communicate and cooperate with parents in the academic development of their sons and daughters.
10. To engage in regular discernment regarding school philosophy and goals.

KEYS TO HIGH SCHOOL SUCCESS

Obviously, one of the primary avenues to achieve success in high school is to learn the material in your classes and to place emphasis on your academic performance. Below are a few important tips regarding this.

ACADEMICS

- Choose classes that will challenge you. They should be slightly above your level so that you are challenged but also able to meet that challenge.
- During scheduling, keep your life goals in mind. Choose classes that will help you later in life and with your career.
- Choose classes that will expand your horizons. Part of being in high school is exploring your opportunities. Take this time to explore subject areas in which you may not think you have much interest.
- Set high standards for your academic work. Promise yourself and others that you will get acceptable grades on tests and complete all homework.
- Always pay attention in class.
- Take notes in class, and ask clarifying questions.
- Review your notes every night.
- Do your homework.
- Create and use flash cards.
- Do not wait until the night before a test to begin studying.

YOUR HEALTH

An important part of being successful is maintaining your health. If you don't feel well, you cannot perform at your optimum level. Remember the following:

- Eat a healthy, well-balanced breakfast every morning. Learning takes energy, and your body needs the fuel only food can provide.
- Get at least eight hours of sleep per night. When you are sleep-deprived, it is difficult to focus and learn.
- Turn off your cell phone at night. Social media can be a big distraction. Don't allow this to interfere with school.
- Monitor your stress levels. As part of your daily schedule, make sure you add in some "down time" to relax and enjoy your high school experience.
- Avoid drugs, alcohol, and any behaviors that will prevent you from reaching your full potential.

ORGANIZATION

Staying organized is one of the keys to success in high school and life.

- Invest in some binders with dividers. Multiple small binders are better than one large binder. Use one color binder per class.
- Label each paper clearly, and put each paper into the correct binder immediately, before you leave class or home.
- Clear the clutter from your backpack.
- Keep a clean, organized study space. This study space should be in a quiet place, free of distractions.

KNOWING YOUR LIMITS

It is important to know your limits and ask for help when you need it.

- If you find you are struggling with any material, get help immediately. Ask clarifying questions during class; see your teacher before or after school for additional assistance; or seek out the assistance of a free, peer-to-peer tutor through the National Honor Society. Asking for help makes you pretty smart!
- Prioritize your after-school activities. Do the extracurricular activities you love and enjoy, but be sure you leave time for yourself to study and relax. Your extracurricular involvement is important, but not more important than your studies.
- Challenge yourself with your classes; however, challenge yourself in a way that allows you to be successful.

GETTING INVOLVED

We cannot forget or ignore the social aspect of high school. Get involved! If you love coming to school, you will be even better prepared to learn. Consider joining a club or sports team. The more active and engaged you are in school, the more interesting people you will meet and friends you will make.

THOROUGHBRED THURSDAY

Every Thursday, we run a special schedule allowing students to meet as a grade level while presenters cover a series of activities focusing on our five pillars- faith, family, academic excellence, community stewardship, and character development.

SCHOLARSHIPS / FINANCIAL AID FOR HIGH SCHOOL

Tuition Assistance Program

During the 1994-1995 school year, NCC established a Tuition Assistance Program. To qualify for aid, families must complete a FACTS student aid form. These forms can be accessed online via the school website at www.ncchs.com. Those seeking additional details regarding this program should contact NCC Business Manager, Jeff Schulken, at the main office, (859) 292-0001, ext. 11.

Family Tuition Rates

Tuition discounts are available according to the tuition plan of payment. Also, tuition reductions are provided for families with more than one child attending Newport Central Catholic. Currently, families are required to pay full tuition for the first child, receive a \$600 reduction for the second child, and receive a \$900 reduction for the third child; the fourth child receives free tuition. This grant is automatically applied.

Work Study Program

Students are able to earn a portion of their tuition through the Student Work Program. In this program, students perform light cleaning and maintenance duties generally after school. The money they earn is credited to their school tuition account. On average, a student can earn as much as 20% of his or her tuition. Students can participate in this program by parent request and if they qualify by an evaluation of family income and number.

Additionally, a full list of scholarships available to our high school students is available in the NCC Fact Sheet.

GUIDANCE DEPARTMENT INFORMATION:

Information regarding students' opportunities and resources including testing information, scholarships, college rep visits, events, speakers, outside opportunities, etc., is shared with both students and parents.

FOR COLLEGE

Entering college often is accompanied by a hefty price tag; however, help is out there for the heavy load. If you will need financial aid, as most students do, please check out the available resources in the Burke Academic Center. Parents and students are encouraged to use the wide variety of financial aid guides, scholarship guides, and additional resources provided in our Guidance Center.

Scholarship opportunities are announced and posted frequently. Students are encouraged to stop by the Guidance Center often and to listen to the announcements each day so as to not miss out on opportunities.

When investigating colleges, students should be sure to ask about scholarships and other sources of financial assistance. Further, each year, NCC sponsors an annual financial aid workshop held at school.

Like college admission, scholarships can be highly competitive. Plan ahead. Students will need strong class grades and a good grade point average (GPA); as well as community and school activities. Leadership, scholarship, and involvement are all important factors in being competitive for admissions and scholarships.

You may be eligible for financial aid based on need, achievement, athletic or artistic accomplishment, parent employee benefits, military service, trade union membership, civic or fraternal association membership, social security benefits, and many more. Special scholarships are also offered at many schools based on intended major.

You shouldn't forget about federal programs, such as Pell Grants, Stafford Loans, Supplemental Educational Opportunity Grants (SEOG), College Work Study (CWS), and Perkins Loans. Additional funds are available through lending institutions.

The Financial Aid Form and the Free Application for Federal Student Aid (FAFSA) are used most for scholarships, grants, and loans. These strive to obtain a standard and consistent evaluation of a family's ability to contribute to college costs.

Financial Aid Determination

Financial aid is determined by the college financial aid office based upon the total cost of college less the **expected family contribution**, which equals the student's need or financial aid eligibility.

Types of Financial Aid

A financial aid package may include any or a combination of the following:

Scholarship: a gift, generally based on merit, that does not have to be repaid

Grant: a gift, usually based upon need, that does not have to be repaid

Loan: money borrowed from federal, state, college, or commercial bank sources that is usually interest-free while enrolled in school; *must be repaid*

Work Study Program: a federal program that provides part-time employment on campus and in community agencies; students typically work 10 to 15 hours per week, according to their class schedule

Campus Job: employment by the school as a clerical assistant, lab assistant, teaching assistant, tutor, or other role offered as part of a financial aid package

Letters of Recommendation

Most scholarships will require at least one letter of recommendation. Students are strongly encouraged to complete an autobiography (provided by the NCC Guidance Center) to assist counselors and teachers in writing the recommendation. Students also must make certain that they give recommenders at least one to two weeks to write the letter.

Transcripts

Most scholarship applications and all college admissions applications require a high school transcript. High school counselors will provide transcripts upon request at no charge. Please give the counselors ample time, though, to process the request. Again, one to two weeks is preferable.

Helpful Websites

- www.kheaa.org
- www.fastweb.com
- www.fafsa.gov
- www.bls.gov/k12/
- <http://www.bls.gov/audience/students.htm>
- <http://www.ncaapublications.com/productdownloads/CBSA.pdf>
- www.naia.org

DESCRIPTIONS OF IMPORTANT TESTS

During your high school years, you will be required to take a number of standardized tests. Below is a listing of those tests. See your guidance counselor for more information on any of these.

IFG / ACRE: Information for Growth / Assessment of Children/Youth Religious Education is an evaluation of catechetical and religious education programs in Catholic schools and parishes. As an integrated assessment tool, the ACRE from the National Catholic Educational Association (NCEA) provides both faith knowledge questions (cognitive domain) and questions related to religious beliefs, attitudes, practices, and perceptions (affective domain). This test is administered in the spring of the junior year.

ACT: The Enhanced American College Test (ACT) is required at all public universities and many private institutions in Kentucky. The test is divided into four sections: English, math, reading, and science reasoning. Scores range from one to 36. Colleges use the ACT not only for admission but also for awarding scholarships and placing students in special programs and honors courses. The ACT is given to all juniors as part of the Diocesan District Choice.

CERT: Assessments mimic the ACT and SAT in timing/question proportions, content, subcategory proportions, and standard representation. At NCC, CERT testing is completed in English, Math and Science at the beginning, middle, and end of each year. CERT is designed to assess both National (ACT and SAT) and local (Common Core and various state derivative) standards. CERT exams take the guess work out of Curriculum-Instruction-Assessment cycle, guaranteeing the most accurate experience on the most critical tests. This allows students, teachers, principals, and parents to know exactly the needs of individual students as they pursue College Readiness and high performance on state mandated assessments at once.

PSAT / NMSQT: The Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test (PSAT / NMSQT) is a two-hour test that gives students, primarily high school sophomores and juniors, practice taking the SAT. Scores are also used to determine prestigious National Merit Scholarship winners. This exam requires a fee. Newport Central Catholic encourages sophomores and juniors to take the PSAT / NMSQT for practice.

SAT I, Reasoning Test, and SAT II: The Scholastic Aptitude Test (SAT) is a four-hour test usually taken late in a student's junior year or in the fall of the senior year or both. The multiple-choice questions are divided into math and English sections. Students receive a score of 200 to 800 on both the verbal and math sections. Scores are used for admission purposes and to award scholarships. The exam has a fee.

AP: The Advanced Placement examinations are given to students taking AP courses in high school. The students can earn college credit and be eligible for advanced college placement if grades are satisfactory to a particular school. These exams require a fee. All students who are enrolled in an AP course at the time the exams are given in May are required to take the AP exam. While it is not advised, students can study for individual subject exams on their own (i.e. without being enrolled in the year-long AP course) and still take the exam. A scheduled class period is not required to be eligible for testing.

Trig-Star Exam: The Trig-Star Program Contest is an annual high school mathematics competition sponsored by the National Society of Professional Surveyors based on the practical application of Trigonometry. The program recognizes the best students from high schools throughout the nation.

Mathleague: Mathleagues is a math competition for elementary, middle and high school students in the United States, Canada, and other countries. The Math League was founded in 1977 by two high school mathematics teachers, Steven R. Conrad and Daniel Flegler. Math Leagues, Inc., publishes old contests through a series of books entitled Math League Press. The purpose of the Math League Contests is to provide students “an enriching opportunity to participate in an academically-oriented activity” and to let students “gain recognition for mathematical achievement.”

John O’Bryan Mathematics Competition: The John O’Bryan Mathematics competition is designed to stimulate interest in mathematics among high school students in Northern Kentucky and recognize outstanding Mathematical achievement among those students.

Terrace Metrics: Terrace Metrics measures social-emotional learning (SEL), assess risk, and help students and teachers be more resilient, so they can maximize educational outcomes and unlock each individual’s performance. This behavioral health and wellness system allows us to measure the behavioral health status of each student over time; identify those who are doing well, struggling, and at-risk; deliver individualized risk-reduction interventions and resiliency-building strategies to the people who need them; and help individuals realize their full potential.

KENTUCKY EDUCATION EXCELLENCE SCHOLARSHIP (KEES) INFORMATION

Information from the KHEAA website at <https://www.kheaa.com/website/kheaa/kees?main=1>

The KEES program provides college scholarships to students who earn at least a 2.5 GPA each year they attend a certified Kentucky high school. The better they do in high school, the more they earn toward college. Students may also earn awards for ACT / SAT scores and Advanced Placement (AP) test scores.

To be eligible for a yearly KEES GPA award, a high school student must:

- Be a U.S. citizen, national or permanent resident;
- Be a Kentucky resident (eligible if your parent or guardian maintains legal residence in Kentucky while serving in the U.S. Armed Forces);
- Earn at least a 2.5 GPA in any year of high school while meeting the KEES curriculum requirements;
- Attend and graduate from a certified Kentucky high school or other approved high school; and
- Not be a convicted felon.

To be eligible for a KEES ACT / SAT bonus award, a high school graduate must:

- Have at least a 15 composite ACT score on an ACT taken at a national test site or at least a 710 (critical reading and math only) on the SAT (the highest score you make before you graduate from high school is used to calculate the amount); and
- Earn at least a 2.5 GPA in any year of high school while meeting the KEES curriculum requirements.

To be eligible for a KEES AP / IB award, a high school graduate must:

- Be eligible for free / reduced-price lunch in any year of high school;
- Earn a qualifying score on an AP or IB exam taken; and
- Earn at least a 2.5 GPA during any year of high school while meeting the KEES curriculum requirements.

There is no limit to the amount of supplemental awards a student can receive. There is also no application needed to receive a KEES award. For high school graduates, once your college certifies that you are attending classes, KHEAA will forward your award to your school.

For a list of participating colleges and KEES award amounts, visit <https://www.kheaa.com>.

FASTEST-GROWING OCCUPATIONS

This data, from the Occupational Employment Statistics program of the U.S. Bureau of Labor Statistics at the U.S. Department of Labor, are shown so that students and families can better understand growth rates in various professions of interest. The table was last modified on 8 September 2021 and is found at <http://www.bls.gov/ooh/mobile/fast-est-growing.htm>

OCCUPATION	2018 MEDIAN ANNUAL INCOME
Motion picture projectionists	\$27,490
Wind turbine service technicians	\$56,230
Ushers, lobby attendants, and ticket takers	\$25,110
Nurse practitioners	\$111,680
Solar photovoltaic installers	\$46,470
Cooks, restaurant	\$28,800
Agent/business manager of artists/performers/athletes	\$75,420
Costume attendants	\$42,910
Exercise trainers/group fitness instructors	\$40,510
Model makers, wood	\$64,050
Athletes and sports competitors	\$50,850
Makeup artists, theatrical and performance	\$106,920
Occupational therapy assistants	\$62,940
Statistician	\$92,270
Entertainment attendants and related workers	\$27,230
Physical therapist assistants	\$59,770
Animal caretakers	\$26,080
Misc entertainers and performers, sports, and related	\$15.70 hourly
Information security analysis	\$103,590
Film and video editors	\$67,250

NCAA ELIGIBILITY QUICK REFERENCE

If you plan to pursue your athletic career beyond high school, you need to continuously remain aware of NCAA eligibility requirements.

Core Courses

NCAA Divisions I and II require 16 core courses (see charts on the next page).

NCAA Division I will require completion of 10 core courses, including seven in English, math or natural/physical science, before your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA.

Test Scores

Division I uses a sliding scale to match SAT/ACT scores and core-course grade-point averages to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. If you have a low GPA, you need a higher test score to be eligible.

Division II requires a minimum SAT score of 820 or an ACT sum score of 68 (the SAT score used for NCAA purposes includes only the critical reading and math sections; the writing section of the SAT is not used). The ACT score used for NCAA purposes is a sum of the following four sections: English, math, reading, and science.

When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores appearing on transcripts will not be used.

Grade Point Average

Only core courses are used in the calculation of the GPA. Be sure to check the List of NCAA Courses on the NCAA Eligibility Center's website at www.eligibilitycenter.org. These have been approved as core courses.

Division I students enrolling full-time should use Sliding Scale A to determine eligibility to receive athletics aid, practice, and competition during the first year. Division I requires a GPA of 2.000-2.299 to receive athletics aid and practice; Division I GPA required to be eligible for competition is 2.300. The sliding scales are found at fs.ncaa.org/docs/eligibility_center/quick_reference_sheet.pdf.

The Division II core GPA requirement is a minimum of 2.000.

**DIVISION I
Core-Course Requirement (16)**

- 4 years of English
- 3 years of math (Algebra I or higher)
- 2 years of natural / physical science
(one year of lab if offered by high school)
- 1 year of additional English, math, or natural /
physical science
- 2 years of social science
- 4 years of additional courses (from any area
above, foreign language, or comparative
religion or philosophy)

**DIVISION I
Qualifier Requirements**

** Athletics aid, practice, and competition*

- 16 core courses
 - Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math, or natural/physical science.
 - * “Locked in” for core-course GPA calculation.
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B.
- Graduate from high school.

**DIVISION I
Academic Redshirt Requirements**

** Athletics aid and practice (no competition)*

- 16 core courses
 - No grades/credits “locked in” (repeated courses after the seventh semester begins may be used for initial eligibility).
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B.
- Graduate from high school.

**DIVISION II
16 Core Courses**

- 3 years of English
- 2 years of math (Algebra I or higher)
- 2 years of natural / physical science
(one year of lab if offered by high school)
- 3 years of additional English, math, or natural /
physical science
- 2 years of social science
- 4 years of additional courses (from any area
above, foreign language, or comparative
religion or philosophy)

NOTE: See your school guidance counselor for more information.

The following pages highlight important academic and school policies. Newport Central Catholic High School admits students regardless of race, color, ethnicity, and/or national origin. The school does not discriminate on the basis of race, color, ethnicity, and/or national origin in the administration of policies and/or programs.

GRADUATION REQUIREMENTS

The Commonwealth of Kentucky requires the following minimum credits to graduate from high school. Kentucky's pre-college curriculum (PCC) is nearly identical, with the addition of two foreign language credits.

Subject	Credits Required	Note(s)
Language Arts (English)	4 credits	
Mathematics	4 credits	<i>One credit required during the senior year</i>
Science	3 credits	
Social Studies	3 credits	
Health	½ credit	
Physical Education	½ credit	
Fine Arts	1 credit	
Electives	7 credits	
<i>Foreign Language</i>	<i>2 credits</i>	<i>Required only in the PCC</i>
Total	23 credits / 25 PCC	

Therefore, incorporating additional NCC requirements, a graduate from Newport Central Catholic High School must have the following credits.

Religion	4 credits	
Language Arts (English)	4 credits	
Mathematics	4 credits	<i>One credit required during the senior year</i>
Science	3 credits	
Social Studies	3 credits	
Health	½ credit	
Physical Education	½ credit	
Fine Arts	1 credit	
Electives	7 or more credits	
<i>Foreign Language</i>	<i>2 credits</i>	<i>Required only in the PCC</i>
Financial Literacy	1/2 credit	

†Since study halls do not impact course credit, grades, or GPA, each semester a student is registered for a study hall would impact the elective credits required, as well as the total number of credits required to graduate.

To successfully achieve the objectives of each course, a student must maintain a passing grade.

PRE-COLLEGE CURRICULUM

The Kentucky Council on Higher Education has specified a pre-college curriculum commonly known as the “PCC.” This is a minimum set of courses required of students applying for admission to a public university or college in Kentucky. The requirements of the PCC are minimum requirements (see first table on previous page). Each college or university can make requirements beyond those listed in the pre-college curriculum.

Newport Central Catholic students who successfully meet the graduation requirements of NCC will usually meet the pre-college curriculum. However, students who are seriously considering college are advised to include at least two years of foreign language study, an additional one or two laboratory science courses, and a fine arts course. The guidance department can provide students and parents with more detailed copies of the PCC requirements.

ADVANCED PLACEMENT

The Advanced Placement program is a cooperative educational endeavor between high schools and colleges. Interested and able students are given the opportunity for college-level learning and for demonstrating their accomplishments through the national Advanced Placement examinations given each year in May.

On a student’s transcript, the Advanced Placement courses taken are listed as such. They indicate that a student is doing rigorous, college-level work and is prepared for college entrance in these subjects. Admissions offices are obviously pleased to see candidates who are doing advanced work. Moreover, once in college, students may be eligible for advanced

placement and/or college credit based on their score on the Advanced Placement exam in a given subject. A committee of the College Board prepares and reads the Advanced Placement exams. Each exam is approximately three hours in length and is administered at Newport Central Catholic High School. There is a fee for taking these exams.

ALTERNATIVE CREDIT OPTIONS

Newport Central Catholic High School strives to meet the needs of all its students. Students may be eligible to complete online courses. Parents and students should be advised, however, that students approved for these courses are those who possess the self-motivation necessary to successfully complete an online course.

Before beginning an alternative method of credit completion, the student must receive express approval from the principal or his/her designee. An official record of the final grade must be received by the school by the designated due date each semester.

Credit in an alternative manner can only be earned in the following circumstances:

1. The course is not offered by Newport Central Catholic;
2. Although an elective course is offered at Newport Central Catholic, the student will not be able to take it due to an unavoidable scheduling conflict, and the student demonstrates a need for this course; and
3. The principal and his/her designee, with agreement from the student's teachers and parents/guardians, determines the student requires a differentiated or accelerated learning environment.

SCHEDULE CHANGES

Ample opportunity is given to all concerned to make valid recommendations and choices in the scope of the curriculum, after which the entire school's resources are committed for the school year. No schedule changes will be made after the 10th day of each semester.

All schedule changes must be cleared with the guidance counselors. They will assume the responsibility for informing all students and faculty members to be affected by the changes made. A \$10 fee is charged for schedule changes made after the start of the school year.

GPA CALCULATION AND CLASS RANK

NCC students receive number grades for the semester marks, semester exam marks, and final semester average marks. This table shows the conversion of a number grade to a quality point value.

93 - 100%	4.00 points
90 - 92%	3.84 points
87 - 89%	3.67 points
83 - 86%	3.33 points
80 - 82%	3.00 points
77 - 79%	2.67 points
73 - 76%	2.33 points
70 - 72%	2.00 points
67 - 69%	1.67 points
63 - 66%	1.33 points
60 - 62%	1.00 points
0 - 59%	0.00 points

Most courses at NCC receive the quality points listed above. This information will determine a non-weighted number. This non-weighted number is used to compute the grade point average (GPA).

Honors courses at NCC move at an accelerated pace and have stronger course expectations. For these courses, the final semester average is converted to the corresponding quality point of the above table, and then this number receives an additional 0.5 value.

Some courses at NCC are designated as Advanced Placement courses (AP) or Dual Credit (DC). These courses are comparable to a first year college course. These courses align themselves with a set of standards and methods used in college. Students who take AP courses are expected to take the national exams in these subjects; Students who take DC courses are expected to take the corresponding exam per the college course. For these courses, the final semester average is converted to the corresponding numerical mark of the above table, then this number receives an additional 1.0 value.

To calculate the regular GPA, add the quality points earned and divide by total number of classes. To calculate the weighted GPA, add the adjusted quality points earned and divide by total number of classes. Honor roll status and a student's rank in class are based on the weighted GPA, which is calculated at the end of each marking period. Students and parents should contact the counselors for further information regarding accelerated, Advanced Placement, or Dual Credit courses. the counselors for more information regarding accelerated or AP courses.

Academic Enhancement

The Academic Enhancement Program is designed to assist students who have been diagnosed with a learning disability. With low student-to-teacher ratios, students receive individualized and small group instruction, assistance in managing their course load, and training of study techniques to obtain success throughout high school and beyond. Student in this program meet during an assigned class period in the rotation. The teacher provides assistance to the students for their other courses, communicates appropriate accommodations to the students' other teachers, tracks students' progress, and engages in regular communication with the parents. Academic Enhancement is a non-academic elective and no credit is received. Students are admitted on an as needed basis, which is determined based on formal testing/diagnosis, IEP, 504 plans, and other internal accommodation plans.

ACADEMIC ENHANCEMENT 1

Grade: 9

Elective

2 Semesters

Pass / Fail

Course Objectives

- To determine and engage in appropriate accommodations for individual students; to aid them in their academic studies.
- To reinforce classroom instruction in small group or one-on-one situations, providing students the opportunity to move at a realistic pace and ask questions.
- To provide students with study skills, organizational skills, and life skills that will assist them for years to come.
- To increase communication between teachers and parents.
- To promote student success and confidence.

ACADEMIC ENHANCEMENT 2

Grade: 10

Elective

2 Semesters

Pass / Fail

Course Objectives

- To determine and engage in appropriate accommodations for individual students; to aid them in their academic studies.
- To reinforce classroom instruction in small group or one-on-one situations, providing students the opportunity to move at a realistic pace and ask questions.
- To provide students with study skills, organizational skills, and life skills that will assist them for years to come.
- To increase communication between teachers and parents.
- To promote student success and confidence.

ACADEMIC ENHANCEMENT 3

Grade: 11

Elective

2 Semesters

Pass / Fail

Course Objectives

- To determine and engage in appropriate accommodations for individual students; to aid them in their academic studies.
- To reinforce classroom instruction in small group or one-on-one situations, providing students the opportunity to move at a realistic pace and ask questions.
- To provide students with study skills, organizational skills, and life skills that will assist them for years to come.
- To increase communication between teachers and parents.
- To promote student success and confidence.

ACADEMIC ENHANCEMENT 4

Grade: 12

Elective

2 Semesters

Pass / Fail

Course Objectives

- To determine and engage in appropriate accommodations for individual students; to aid them in their academic studies.
- To reinforce classroom instruction in small group or one-on-one situations, providing students the opportunity to move at a realistic pace and ask questions.
- To provide students with study skills, organizational skills, and life skills that will assist them for years to come.
- To increase communication between teachers and parents.
- To promote student success and confidence.

THOROUGHbred 101

Grade: 10, 11, 12

Elective

1 Semesters

Pass / Fail

Course Description

Thoroughbred 101 class is a semester-long class designed for students with behavioral/ attendance issues and/or academic concerns, such as a sub 2.0 adjusted GPA.

Course Objectives

- To improve upon executive functioning skills, study skills, social-emotional learning, and self improvement.
- To develop self management skills to be successful in the classroom and beyond.
- To develop organization skills, test prep skills, and study habits

Business

Our free enterprise system demands that each student is educated in its structure and is armed with marketable skills that will enable him/her to become a part of the system. The goal of the NCC Business Department is to help students acquire business literacy and develop business skills so they make better economic decisions in business and in their personal lives. This goal is attained by giving students training and preparation in the acquisition of basic knowledge and skills in a variety of areas of business in order to gain success on the job at the entry level, as well as for their own personal use in continuing their education.

ACCOUNTING 1

Grades: 11, 12

Elective

2 Semesters

1 credit

Course Objectives

- To know terminology related to accounting careers and different businesses.
- To understand entry-level positions, advancement-level positions, educational requirements, and career opportunities in accounting.
- To understand basic accounting concepts for various business types.
- To read and assess financial information based on accounting forms.
- To complete the accounting process for a business from beginning to end of the fiscal period.

ACCOUNTING 2

Grades: 12

Elective

1 Semester

½ credit

Prerequisite: “B” average in Accounting 1 or recommendation Course

Objectives **This is a Guided Independent Study Course.**

- To understand cost accounting concepts.
- To complete advanced concepts of basic accounting.

BUSINESS MANAGEMENT

Grades: 11, 12

Elective

1 Semester

½ credit

Prerequisite: Passed Personal Finance Course or Recommendation

Objectives

- To identify and explain the skills needed for managing a business.
- To explain the different forms of business ownership.
- To develop adequate planning, organization and decision making skills.
- To apply self-identified core knowledge and values to business management strategies and techniques.
- To develop and present a business plan.

ECONOMICS

Grades: 10, 11, 12

Elective / Required

1 Semester

½ credit

Note: This course may be used to fulfill ½ credit of the Social Studies requirement for graduation.

Course Objectives

- To understand the fundamental concepts of both micro, macro, and international economics.
- To develop understanding of scarcity and how it relates to buying and selling of products.
- To examine the concepts of supply and demand.
- To understand the process of financing a business and free enterprise.
- To understand consumers, savers, and investors, as well as their role in the economy.

INVESTING & ADVANCED FINANCE

Grades: 11, 12

Elective

1 Semester

½ credit

Prerequisite: Passed Personal Finance

Course Objectives

- To further study more advanced money management concepts previously introduced in Personal Finance.
- To introduce the concept of “investing” and passive incomes.
- To apply the concept of investing to stocks, bonds, mutual funds, real estate, and other instruments of investing.
- To demonstrate competency in basic buying strategies of essential living items such as housing, cars, insurance, etc.

MARKETING PRINCIPLES

Grades: 11, 12

Elective

1 Semester

½ credit

Prerequisite: Passed Personal Finance

Course Objectives

- To understand and apply the 5 P’s of Marketing.
- To thoroughly discuss the various mediums and tactics of advertising, financing, and distribution
- To use real life media to analyze current marketing strategies in our world.
- To create a functional marketing campaign emphasizing the marketing mix

PERSONAL FINANCE

Grades: 9, 10, 11, 12

Elective

1

Semester

½ credit

Note: This course fulfills the Financial Literacy requirement for graduation.

Course Objectives

- To introduce basic money management and financial decision making skills.
- To create an adequate budget and savings plan for high school students.
- To explain basic consumer awareness strategies.
- To demonstrate basic competency in the process of applying for a job.

SPORT AND ENTERTAINMENT MARKETING

Grades: 11, 12

Elective

1 Semester

½ credit

Prerequisites: Personal Finance

- To explore the 5 P's of the marketing mix and how they are created in the sports and entertainment field
- To explore the economic impact the sports and entertainment industry has on the market as a whole
- To discuss and explore careers in the sports and entertainment industry

English

The NCC English Department believes that, upon completion of the 12th grade, each student should have acquired the skills necessary for effective communication. The Department is committed to providing both the progressive and remedial experiences that will enable each student to develop four language skills: reading comprehension, writing, speaking, and listening. In addition, the Department works to help each student grow in his/her appreciation of quality literature. Vocabulary enrichment and grammar are included as an integral part of the course content. Allowing for individual differences in students, the English Department strives to tailor methodologies in such a way as to challenge each student to reach his/her potential.

ENGLISH

Grade: 9

Required

2 Semesters

1 credit

Course Objectives

- To broaden one's thinking through appreciation of general literature.
- To initiate the writing process through prewriting, writing, and revising.
- To emphasize outlining, paragraph development, and the five paragraph essay.
- To develop a practical knowledge of new vocabulary.
- To strengthen grammar usage and mechanics.

ENGLISH 1 HONORS

Grade: 9

Required

2 Semesters

1 credit

Prerequisite: 80 or higher on the reading assessment of the HSPT

Course Objectives

- To broaden one's thinking through appreciation of general literature.
- To initiate the writing process through prewriting, writing, and revising essays, from the rudiments necessary for reading a prompt carefully to fixing flawed essays.
- To emphasize outlining, paragraph development, and the five paragraph essay.
- To develop a practical knowledge of new vocabulary.
- To strengthen already high achievement in grammar usage and mechanics.
- To enhance learning by developing independent study skills.
- To increase academic rigor by covering material at a more in-depth level and proceeding at a faster pace than the general English class.

ENGLISH 2

Grade: 10

Required

2 Semesters

1 credit

Prerequisite: English 1

Course Objectives

- To broaden one's thinking through appreciation of world literature.
- To strengthen writing techniques using the writing process.
- To develop and write five paragraph essays.
- To develop a practical knowledge of new vocabulary.
- To strengthen weak areas of grammar usage, mechanics, and spelling.

ENGLISH 2 HONORS

Grade: 10

Required

2 Semesters

1 credit

Prerequisite: 85% average in English 1 Honors, 93% average in English 1, or recommendation

Course Objectives

- To broaden one's thinking through appreciation of world literature.
- To strengthen writing techniques using the writing process.
- To develop and write five paragraph essays.
- To develop and write personal narratives.
- To develop a practical knowledge of new vocabulary.
- To strengthen weak areas of grammar usage, mechanics, and spelling.
- To enhance learning by developing independent study skills.
- To increase academic rigor by covering material at a more in-depth level and proceeding at a faster pace than the general English class.

ENGLISH 3

Grade: 11

Required

2 Semesters

1 credit

Prerequisite: English 2

Course Objectives

- To broaden one's thinking through appreciation of the American literary tradition.
- To review the writing process and to strengthen writing techniques through various writing assignments, including the five paragraph essay.
- To develop the skills necessary to write an effective thesis statement, bibliography, and outline.
- To sharpen one's ability to critically analyze the spoken and written word.
- To learn and apply proper techniques in writing a research paper.
- To develop a practical knowledge of new vocabulary.
- To review areas of grammar usage, mechanics, and spelling.

ENGLISH 3 HONORS

Grade: 11

Required

2 Semesters

1 credit

Prerequisite: 85% average in English 2 Honors, 93% average in English 2, or recommendation

Course Objectives

- To broaden one's thinking through appreciation of the American literary tradition.
- To review the writing process and to strengthen writing techniques through various writing assignments, including the five paragraph essay.
- To sharpen one's ability to critically analyze the spoken and written word.
- To learn and apply proper techniques in writing a research paper.
- To develop a practical knowledge of new vocabulary.
- To review areas of grammar usage, mechanics, and spelling.
- To enhance learning by developing independent study skills.
- To increase academic rigor by covering material at a more in-depth level and proceeding at a faster pace than the general English class.

ENGLISH 4

Grade: 12

Required

2 Semesters

1 credit

Prerequisite: English 3

Course Objectives

- To broaden one's thinking through appreciation and analysis of British literature.
- To perfect the use of the writing process, specifically the elements needed for a research paper.
- To sharpen one's writing ability through various forms of formal and informal writing, including the five paragraph essay.
- To sharpen one's ability to critically analyze the spoken and written word through the genres of poetry, drama, fiction, and non-fiction.
- To develop and enrich vocabulary.
- To review areas of grammar usage, mechanics, and spelling through examination of student writings.

ENGLISH 4 HONORS

Grade: 12

Required

2 Semesters

1 credit

Prerequisite: 85% average in English 3 Honors, 93% average in English 3, or recommendation

Course Objectives

- To broaden one's thinking through appreciation and analysis of British literature.
- To perfect the use of the writing process, specifically the elements needed for a research paper.
- To sharpen one's writing ability through various forms of formal and informal writing, including the five paragraph essay.
- To sharpen one's ability to critically analyze the spoken and written word through the genres of poetry, drama, fiction, and non-fiction.
- To develop and enrich vocabulary.
- To review areas of grammar usage, mechanics, and spelling through examination of student writings.
- To enhance learning by developing independent study skills.
- To increase academic rigor by covering material at a more in-depth level and proceeding at a faster pace than the general English class.

ADVANCED PLACEMENT (AP) ENGLISH

Grade: 12

Elective

2 Semesters

Prerequisites: 85% average in English 3 Honors, 93% average in English 3, or recommendation; motivation and willingness to do the extraordinary amount of work involved in the class

Course Objectives

- To identify students who, having attained the reading and writing skills generally expected in introductory college courses in literature and composition, are ready for advanced, more specialized English courses when they arrive in college.
- To become more aware of the resources of language: connotation, metaphor, irony, syntax, and tone.
- To complete writing assignments that focus on critical analysis.
- To develop critical standards for the independent appreciation of literature.
- To increase the students' vocabulary for better shades of meaning.

Additional Requirements

- To read an assigned novel(s) over the summer.
- To complete assignments, readings, and projects in the specified time period.

CREATIVE WRITING

Grades: 11, 12

Elective

1 Semester

½ credit

Introduces students to writing in various genres by means of creative exercises and assignments, workshops, and individual conferences. The main objective of this class is to help you gain a fundamental grasp of the wide range of possibilities creative writing offers and to engage your imaginative and analytical faculties. Intended for beginning writers with a willingness to read, write, and experiment with language and story. This class is designed to express your unique voice, learn to meaningfully respond to others' writing, and to help discover new directions for your own writing.

Course Objectives

- To focus on using imagery (the five senses).
- To review the revision process.
- To review writing dialogue.
- To discuss the use of diction, dialogue, grammar, and format in creative writing.
- To responsibly use real-life situations to prompt creative writing.
- To learn to find inspiration in everything.
- To encourage students to orally publish their work.

INTRO TO FILM

Grades: 11, 12

Elective

1 Semester

½ credit

This course will focus on developing critical thinking skills for deeper understanding of film and cinema. In addition to watching a variety of films, time will be spent reading and analyzing, both verbally and in written form, a wide variety of film history, techniques, and genres. Several activities are used to help develop these skills including reading, note taking, vocabulary study, group work, teacher lecture, and essay writing. This course requires students to not just devise if a movie is "good" but how each take and scene puts together an entire picture for the entertainment of audiences. Students must be willing to watch, participate, and stay focused on the information being presented.

Course Objectives

- To be able to focus on visual mediums such as films and see the components of its structure and how they add to the overall storytelling.
- To see the progression of film since its conception
- To gain a better understanding and appreciation for film and cinema.
- To develop critical standards for the independent appreciation of film.
- To increase the students' vocabulary in film technique

INTRO TO POETRY

Grades: 11, 12

Elective

1 Semester

½ credit

In this class students will read a wide range of poetry from many periods in many genres to build an understanding of the many different types, styles, and forms of poetry. They will apply a wide range of strategies to comprehend, interpret, evaluate, and appreciate these poems. There will also be composition, revision, and discussion of original student poetry.

Course Objectives

- Students will read a wide range of poetry from many periods in many genres to build an understanding of the many different types, styles, and forms of poetry and apply a wide range of strategies to comprehend, interpret, evaluate, and appreciate these poems.
- Students will use a collaborative discussion protocol to share their responses to the poem in a small group and analyze how the use of poetic language in a poem enhances responses the intellectual or emotional power of the text.
- Students will compose, edit, and publish their own original poetry in a variety of forms and styles to convey their own experiences.

GOTHIC LIT & MULTIMEDIA

Grades: 11, 12

Elective

1 Semester

½ credit

This course will focus on developing critical thinking skills for deeper understanding of Gothic literature, film, and other media. Considerable time will be spent reading and analyzing, both verbally and in written form, a wide variety of Gothic literature and film history, techniques, and characteristics. Several activities are used to help develop these skills including reading, note taking, vocabulary study, group work, teacher lecture, and writing. Students must be willing to study, participate, and stay focused on the information being presented.

Course Objectives

- To read and study historical and modern Gothic and horror works of literature and film.
- To study the genre of Gothic literature and its film equivalents
- To create and write a horror literature text (script, vignette, monologue, etc.)
- To gain a better understanding and appreciation for different genres of literature and film.
- To develop critical standards for the independent appreciation of the Gothic genre.

MYTHOLOGY AND GREEK LITERATURE

Grades: 11, 12

Elective

1 Semester

½ credit

Introduction to the nature and function of myth. The specific literature studied will be exclusive of classical mythology and because of the breadth of subject matter will vary in content. The mythology of at least four cultures will be covered. To understand the present, we must explore the past. This course is a chance to explore the ideas, philosophies, and cultures from bygone eras so that we might benefit from the success and failures of the people who endured them. One of the best ways to do this is to examine the culture of those people, a direct reflection on time and events in whatever period these myths come from.

Course Objectives

- To define a myth.
- To examine the reasons why myths developed.
- To read and study Greek, Roman, Norse, and American myths.

PUBLIC SPEAKING

Grades: 11, 12

Elective

1 Semester

½ credit

In this class, students will gain confidence and competency in delivering improvised, prepared, and memorized materials to an audience. They will write, research, and present multiple types of speeches and presentations. Students will use technology and traditional methods for creating visual aids and engaging presentations. Spoken material will cover various purposes and sources.

Course Objectives

- To introduce the basics of argumentation and oral delivery, speaking in public forums, and analysis of argument.
- To review how arguments are structured and analyzed.
- To learn how to form arguments on varying topics and respond with counter-arguments.
- To learn how to research topics and present said research.
- To develop poise and self-confidence in public speaking through delivery of oral arguments and speeches in front of peers.
- To build improvisation and memorization skills.

CONTEMPORARY LITERATURE

Grades: 11, 12

Elective

1 Semester

½ credit

We will read, discuss, write about, and present on a variety of literature by authors who have significantly influenced contemporary literature in a variety of genres (novels, stories, poetry, drama, creative nonfiction). We will focus on understanding how modern literature has developed into what it is today and how it can be useful and enjoyable, simple yet challenging, and familiar but mind-opening. This course will examine literature of the last twenty years and the most recent past in particular through the prism of critical reading and writing. Emphasis is placed on the relationship of current literature to society as well as global contexts written by a diverse collection of writers.

Course Objectives

- To read, discuss, and analyze Shakespearean comedies.
- To study William Shakespeare's life and its impact on his writings.
- To better understand how to read Elizabethan verse.
- To analyze various literary elements present in Shakespeare's works.

MASTER OF HORROR

Grades: 11, 12

Elective

1 Semester

½ credit

Students will read several short stories and two novels. The stories and novels will incorporate the central themes of Stephen King's writing and allow for comparison and contrasts of those themes. Students will read first hand accounts of what the author's writing process is to better understand what inspires him and what his goals are for his reader. Lastly, students will examine constructive criticisms so that they can see what others in the field of horror literature and the literary world consider regarding his place amongst those writers.

Course Objectives

- To recognize the literary elements of the horror genre
- To examine the literary elements that are used specifically by Stephen King
- To understand the role that Stephen King has played in popularizing the horror genre

Fine Arts

As a process, the fine arts are the integration of mind, body, and soul functioning simultaneously to create. If one of these components in the creative process is not considered, the final product is less, and less is learned. At NCC, this creative process is expressed as music, performance, or visual art.

It is the goal of the Fine Arts Department to engage the student in this process, fostering growth in all three of these areas. For the student, this growth should go beyond the creative act and extend into the student's everyday life, developing self-expression, self-discipline, and self-confidence. Perhaps the most important consequence of this growth is self-discovery. The making of art is the means through which students learn the most about themselves, as well as the world around them.

MUSIC

Note: Because this is a performance-based class, students are expected to perform at a concert at the end of the semester.

CHOIR 1

Grades: 9, 10, 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To use proper singing posture and breathing techniques.
- To develop sight singing skills.
- To sing well in unison, parts, and harmony.
- To understand the historical context in which a piece was written, as well as the composer's background.
- To sing a song in a foreign language.
- To exhibit concert etiquette and performance skills.

CHOIR 2, 3, and 4

Grades: 9, 10, 11, 12

Elective

1 Semester

½ credit

Note: Because this is a performance-based class, students are expected to perform at a concert at the end of the semester.

Course Objectives

- To expand on the objectives of Choir 1, which includes but is not limited to vocal technique, sight reading, and performance skills while singing pieces from various musical styles including show choir.
- Students are expected to perform at a concert at the end of the semester as well as singing at the Graduation Commencement ceremonies.

MUSIC 1

Grades: 9, 10, 11, 12

Elective

1 Semester

½ credit

Note: This class will include the use of electronic keyboards to learn and understand the basic concepts of music.

Course Objectives

- To read and understand music notation.
- To introduce musical concepts such as melody, rhythm, harmony, and form.
- To introduce basic music theory.
- To perform various songs.
- To compose an original song.

MUSIC 2

Grades: 10, 11, 12

Elective

1 Semester

½ credit

Prerequisite: Recommendation

Note: This class will include the use of electronic keyboards to learn and understand the basic concepts of music.

Course Objectives

- To read and understand music notation.
- To further develop an understanding of musical concepts such as melody, rhythm, harmony, and form.
- To perform various songs.
- To compose original songs.
- To introduce more topics in applied music theory that are useful to students currently studying an instrument or voice.
- To introduce more topics in applied music theory that are useful to students currently studying an instrument or voice.

MUSIC 3

Grades: 10, 11, 12

Elective

1 Semester

½ credit

Prerequisite: Recommendation

Note: This class will include the use of electronic keyboards to learn and understand the basic concepts of music.

Course Objectives

- To read and understand music notation.
- To further develop an understanding of musical concepts such as melody, rhythm, harmony, and form.
- To perform various songs.
- To compose original songs and to arrange various songs for other instruments.
- To develop aural skills with an emphasis on ear training.
- To introduce more topics in applied music theory that are useful to students currently studying an instrument or voice.

MUSIC 4

Grades: 11, 12

Elective

1 Semester

½ credit

Prerequisite: Recommendation

Note: This class will include the use of electronic keyboards to learn and understand the basic concepts of music.

Course Objectives

- To read and understand music notation.
- To further develop an understanding of musical concepts such as melody, rhythm, harmony, and form.
- To perform various songs.
- To compose original songs and to arrange various songs for other instruments.
- To develop aural skills with an emphasis on ear training.
- To introduce more topics in applied music theory that are useful to students currently studying an instrument or voice.

PERFORMING ART

MUSICAL THEATER

Grades: 9, 10, 11, 12

Elective

1 Semester

½ credit

NOTE: This is a performance based course.

Course Objectives

- To broaden students' perspectives by studying acting.
- To develop respect for the skills and talents required in acting.
- To develop the experience of being on stage through learning the basic parts of the stage and of stage acting.
- To introduce hands-on experience in acting through improvisation, monologues, and duo scenes and group scenes.
- To participate safely and regularly in warm-up activities followed by strengthening, endurance, and flexibility exercises.
- To explore theatre history starting with storytelling all the way up to modern theatre.

VISUAL ART

ART 1

Grades: 9, 10, 11, 12

Elective

2 Semesters

1 credit

Note: This class is a prerequisite for all other visual art classes.

Course Description

Art 1 has been created for students of all levels of inherent artistic ability, and perceived lack of ability should not inhibit students from taking this course. It should also be noted that this course is essential for students with any interest in the visual arts, including but not limited to: animation, architecture, illustration, design, photography, etc. This course is the underpinning and springboard to all other visual arts classes at NCC.

Course Objectives for Part A

- To give students a broad understanding of what artists do; their preparation, the incubation of a concept, the concept's illumination (the "ah-ha!" moment), and finally the artist's implementation of the concept in the work of art (often referred to as the Four Stages of the Creative Process).
- To study various visual art forms.
- To produce art at an introductory level.
- To expose students to related historical work.

Course Objectives for Part B

- To continue with the exploration of the thought process which occurs when making art.
- To study various art forms through academic study and creation.
- To begin the study of one-, two-, and three-point perspective.
- To create foundational work for all other visual art classes, covering basic concepts, terminology, and media.
- To study related historical work.

ART 2 HONORS

Grades: 10, 11, 12

Elective

2 Semesters

1 credit

Prerequisites: Art 1; recommendation

Note: Students must also complete a minimum of four pieces of art over the summer prior to entering Art 2 Honors.

Course Objectives

- To be able to render the human figure in a variety of media using both line and form.
- To understand and be able to reproduce objects in one-, two-, and three-point perspective.
- To study and emulate certain aspects of a given movement from art history in combination with the student's own ideas.
- To draw and design, by two-dimensional means, an object and then interpret into a solid form.
- To describe a work of art in terms of its style, media use, and qualities, which go beyond the subject matter.
- To have a basic understanding of simple color theory.
- To complete a nine-piece portfolio demonstrating the student's breadth in both technique and media, as well as being able to show a maturing commitment to theme; students will use this portfolio to compete in the Governor's School for the Arts competition.
- To gain an understanding of the function of the sketchbook by working in it everyday during the semester (minimum 15 minutes daily, logged times and dates); this sketchbook will also be utilized for the Governor's School for the Arts competition.

ART 3 HONORS

Grades: 11, 12

Elective

2 Semesters

1 credit

Prerequisites: Art 2; recommendation

Note: Students must also complete a minimum of four pieces of art over the summer prior to entering Art 3 Honors.

Course Objectives

- To make further progress in drawing from life, human figure, objects and forms in contour, gesture, and weight using selected media of a widening range of materials.
- To extend and apply the use of color to include more complex color relationships in order to convey a feeling or achieve a visual effect.
- To evaluate a work of art in terms of how artists solve a particular problem they set for themselves.
- To gain an understanding of various aesthetic issues faced by artists through study and emulation of artists of historical significance.
- To gain a basic understanding and control over acrylic paints.
- To increase proficiency in rendering space with one-, two-, and three-point perspective.
- To complete a nine-piece portfolio demonstrating the student's breadth in both technique and media, as well as being able to show a maturing commitment to theme; this portfolio should demonstrate expected evolution and development beyond their Art 2 portfolio;

students will use this portfolio to compete in the Governor's School for the Arts competition, as well as the Marie Walsh Sharpe competition.

- To gain a continued understanding of the function of the sketchbook by working in it everyday during the semester (minimum 15 minutes daily, logged times and dates); it should demonstrate expected evolution and development beyond their Art 2 sketchbook; this sketchbook will also be utilized for the Governor's School for the Arts competition.

ART 4 HONORS

Grade: 12

Elective

2 Semesters

1 credit

Prerequisites: Art 3; recommendation

Note: Students must also complete a minimum of five pieces of art over the summer prior to entering Art 4 Honors.

Course Objectives

- To produce work in a much more self-guided manner in the fashion of a professional artist.
- To increase drawing and rendering proficiency through a new emphasis on the figure.
- To continue developing the fundamentals of making and understanding art.
- To greatly increase the professionalism of the student's work.
- To complete a nine-piece portfolio demonstrating the student's breadth in both technique and media, as well as being able to show a maturing commitment to theme; this portfolio should demonstrate expected evolution and development beyond their Art 3 portfolio; students will use this portfolio to compete in the Scholastics Art competition in January; students will complete a 10-15-piece portfolio by May to be used in the annual NCC art show.
- To gain a continued understanding of the function of the sketchbook by working in it everyday during the semester (minimum 15 minutes daily, logged times and dates); it should demonstrate expected evolution and development beyond their Art 3 sketchbook.

INDEPENDENT STUDY IN ART

Grades: 12

Elective

1 Semester

½ credit

**All work described in the aforementioned portfolios may be used congruently, i.e. the Scholastics portfolio can be part of the AP Portfolio, etc.
Prerequisites: Art 1; recommendation*

Course Objectives

- To enable the serious art student, through instructor interaction, to develop work based on an individually-chosen theme or concept in the manner of a professional artist (to work as artists work).
- To afford the serious art student the opportunity to continue pieces or series of pieces begun in Art 1, 2, 3, 4, or AP Art.
- To allow the serious art student the opportunity to, in combination with their regular art class (Art 1, 2, 3, 4, or AP Art), be in art class throughout the year; along with the intrinsic value for the serious student, it will allow said student to prepare for various

competitions such as the Kentucky Governor's School for the Arts, Marie Walsh Sharpe competition, Scholastics, various college and university scholarship competitions and portfolio entrance reviews, as well as preparation for submission of the AP Art Portfolio.

ADVANCED PLACEMENT (AP) ART

Grade: 12

Elective

2 Semesters

1 credit

Prerequisites: Recommendation

Note: Students must also complete a minimum of six pieces of art over the summer prior to entering AP Art.

Course Objectives

- To produce work in a much more self-guided manner in the fashion of a professional artist.
- To increase drawing and rendering proficiency through a new emphasis on the figure.
- To continue developing the fundamentals of making and understanding art.
- To prepare and assist the student in the development of a portfolio during their senior year.
- To greatly increase the professionalism of the student's work.
- To gain a basic understanding of art as a profession.
- To begin questioning the purpose of making art as it relates to professionals and themselves.
- To gain a continued understanding of the function of the sketchbook by working in it everyday during the semester (minimum 15 minutes daily, logged times and dates); it should demonstrate expected evolution and development beyond their Art 3 sketchbook.
- To complete an eight-piece portfolio demonstrating the student's breadth in both technique and media; this portfolio will have a much greater emphasis on theme than the Art 2 or 3 portfolios; this portfolio should also demonstrate expected evolution and development beyond their Art 3 portfolio; students will use this portfolio to compete in the Scholastics Art competition in January; students will complete a 10-15-piece portfolio by May to be used in the annual NCC art show.
- To produce an Advanced Placement studio portfolio and submit it for review in May.

**All work described in the aforementioned portfolios may be used congruently, i.e. the Scholastics portfolio can be part of the AP Portfolio, etc.*

THEATER APPRECIATION

Grade: 9-12

Elective

1 Semester

½ credit

Course Objectives:

- Students will achieve an understanding of the historical, creative, artistic, and aesthetic aspects of theatre from the origin of theater in ancient Greece to modern day theater.
- Students will watch several plays/movies and explore and communicate how a dramatic presentation relates to a particular time, place, and culture.
- Students will gain knowledge and understanding of the social and cultural impact of the theatre art form on society and culture.
- Students will learn the different jobs and work associated with producing a play.
- Students will be able to describe aspects of what makes up a play and identify them.
- Students will create, write and perform a 10 to 15 minute play.

PHOTOGRAPHY

Grade: 9-12

Elective

1 Semester

½ credit

Course Objectives:

- Students will gain a basic understanding of the various functions of your camera.
- Students will gain a basic understanding of post-production techniques.
- Students will gain a basic understanding of various compositional techniques/methods.
- Students will learn about and from photographers of historical note as well as contemporary photographers.
- Students will produce a coherent and aesthetically pleasing body of work.

Foreign Language: Spanish

In light of continuing trends toward globalization and an increasing Hispanic population in the United States, a familiarity with the Spanish language and culture is an essential tool in the ever-changing landscape of American society. The study of foreign language helps students acquire an understanding and appreciation of other cultures. This is accomplished through the study of the language itself (grammar, syntax, pronunciation, and vocabulary) and through the discussion of the cultures of the many Spanish-speaking nations.

SPANISH 1

Grades: 9

Elective

2 Semesters

1 credit

Course Objectives

- To provide the student with fundamental grammatical structures of the Spanish language such as gender, verb conjugation, and noun/adjective agreement.
- To build a core of functional vocabulary.
- To develop the ability to pronounce Spanish properly through continual use of the language in classroom dialogue.
- To develop the ability to read and write in the target language through written exercises, essays, and supplementary workbook materials.
- To develop the ability to understand the spoken language through classroom exercises and the use of audio equipment.
- To introduce students to various aspects of Hispanic culture in Latin American countries and Spain as illustrated in the text and through videos and presentations, which may include historical, social, and cultural topics.

SPANISH 1 HONORS

Grades: 9

Elective

2 Semesters

1 credit

Prerequisites: Reading Score of 80 or higher and Language Score of 60 or higher on the HSPT Course Objectives

- To thoroughly explore the fundamental grammatical structures of the Spanish language such as gender, verb conjugation, and noun/adjective agreement.
- To build an extensive core of functional vocabulary.
- To develop the ability to pronounce Spanish properly through continual use of the language in classroom dialogue.
- To develop the ability to read and write in the target language through written exercises, essays, and supplementary workbook materials.
- To develop the ability to understand the spoken language through classroom exercises and the use of audio equipment.
- To immerse students in various aspects of Hispanic culture in Latin American countries and Spain as illustrated in the text and through videos and presentations, which may include historical, social, and cultural topics.

SPANISH 2

Grades: 10

Elective

2 Semesters

1 credit

Prerequisites: Spanish 1; recommendation

Course Objectives

- To build on the grammar and language skills acquired in Spanish 1 by providing a flexible, balanced program of conversation, language structure, reading, and writing.
- To enlarge vocabulary, continue development of aural-oral skills, and further develop writing skills, involving grammatical concepts such as object pronouns, reflexive verbs, and particularly the past tenses.
- To further examine aspects of Hispanic culture in Latin American countries and Spain as illustrated in the text and through videos and presentations, which may include historical, social, and cultural topics.

SPANISH 2 HONORS

Grades: 10

Elective

2 Semesters

1 credit

Prerequisites: Spanish 1 Honors with an 85% course grade or higher; Spanish 1 with a 93% course grade or higher; recommendation

Course Objectives

- To build on the grammar and skills acquired in Spanish 1 by providing a more challenging program of conversation, language structure, reading, and writing.
- To enlarge vocabulary, continue development of aural-oral skills, and further develop writing skills involving varied and complex grammatical elements such as object pronouns, reflexive verbs, and particularly the past tenses.
- To further examine aspects of Hispanic culture in Latin American countries and Spain as illustrated in the text and through videos and presentations, which may include historical, social, and cultural topics.

SPANISH 3 HONORS

Grades: 11

Elective

2 Semesters

1 credit

Prerequisites: Spanish 2 Honors with an 85% course grade or higher; Spanish 2 with a 93% course grade or higher; recommendation

Course Objectives

- To provide a rigorous and balanced program of grammar review, reading comprehension, and culture sensibly blended to appeal to students who are not practiced enough to tackle full-scale literary studies but who have mastered the basics of the language.
- To build on grammar and language skills acquired in the first two years of language courses by adding new grammar structures, such as the non-indicative modes (present and past subjunctive) and perfect tenses.
- To introduce reading selections by Hispanic authors, vocabulary and comprehension questions, composition, and conversation to increase oral-aural skills.

SPANISH 4 HONORS

Grades: 12

Elective

2 Semesters

1 Credit

Prerequisites: Spanish 3 Honors with an 85% course grade or higher; recommendation

Course Objectives:

- To improve skills in writing, reading, speaking, and understanding spoken Spanish.
- To build on grammar and language skills acquired in first three years of language study and to master their uses in everyday communication through writing, speaking and understanding.
- To further understand cultural aspects of Hispanic and Latin American countries through authentic sources such as reading passages, presentations, video, and audio.
- To develop critical thinking skills and the ability to make cultural connections.

ADVANCED PLACEMENT (AP) SPANISH LANGUAGE

Grade: 12

Elective

2 Semesters

1 credit

Prerequisites: Spanish 3 Honors; recommendation

Note: Students who take Advanced Placement Spanish are expected to take the national AP Language and Culture examination.

Course Objectives

- To refine skills in writing, reading, speaking, and understanding spoken Spanish.
- To improve knowledge through structure drills, oral practice and review, vocabulary drills, and creative exercises to further develop composition and discussion skills.
- To develop the student's ability to think critically, make cultural connections, and answer higher level questions using the target language.
- To concentrate on developing proficiency in skills specifically in preparation for the AP Spanish Language examination.

Health & Physical Education

The Health and Physical Education Department serves to enhance the general educational development of the whole student. The goal is to prepare each student for his/her present and future ability to meet life's everyday situations. Physical fitness and body-building exercises develop physical stamina. Intellectual challenges are offered in physical education through rules, skills, and strategies developed in team and individual sports. Through a practical knowledge of the human body, how it functions physically and mentally, and the ability to recognize, understand, and cope with disorders that may arise, the student enhances his/her intellectual development. Recreationally, the goal is to prepare the student for leisure time activities. Socially, the purpose is to strive for the development of leadership qualities, safety awareness, working with others in team effort, good sportsmanship, and understanding and compassion toward those who are less fortunate physically or mentally. Psychologically, the goal is to develop the ability to make decisions and to accept the resulting consequences.

HEALTH

Grade: 9

Required

1 Semester

½ credit

Course Objectives

- To provide students with practical knowledge of themselves and how they function physically, mentally, and spiritually.
- To understand body systems, diseases, first aid, mental and emotional health, personal hygiene, and physical fitness.
- To recognize and evaluate one's current health status and knowledge to maintain/improve it.
- To be able to understand and cope with disorders that may arise.
- To relate current health issues to one's own environment.

HEALTH II

Grade: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To expand on the fundamentals of physical health, emotional health, social health and mental health achieved during freshman health class..
- To educate students about current health issues as they pertain to one's self and the community at large.
- To study topics including but not limited to Family Relationships, Peer Relationships, Violence Prevention Alcohol Use, Tobacco Use, Drug Abuse, Adolescence Changes, Public Safety, and Community Health.
- To empower students with course content that will allow them to recognize the value of relationships with others and serious public health issues they may encounter.

PHYSICAL EDUCATION

Grade: 9

Required

1 Semester

½ credit

Course Objectives

- To demonstrate the basic skills needed for participation in common team and individual sports (volleyball, basketball, bowling, softball, football, soccer, and track and field).
- To introduce movement, fundamentals, and physical fitness and its importance to everyday life.
- To provide basic rules, equipment used, history of the sport, terminology used, and dimensions of the playing areas in note form to better understand the sports/activities.
- To learn the fundamentals of strength training and cardiovascular conditioning.

PE 2

Grade: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To demonstrate the skills needed for participation in common team and individual sports.
- To continue developing movement, fundamentals, and physical fitness priorities and the importance to everyday life.
- To provide a better understand the sports/activities.
- To expand upon the fundamentals of strength training and cardiovascular conditioning.

EXERCISE SCIENCE

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To explore the science of human movement
- To actively participating in a diversified weight training & cardio improvement program
- To learn how to live healthier lives through exercise, rehabilitation, and nutrition.

Information Technology

The Information Technology Department is committed to ensuring that current information technology is available to students and that this technology is integrated into the school's curriculum. Students will develop the skills to explore their own interests via applications of various software packages, including the use of online resources. These electronic information resources are critical and essential to learning. This commitment will provide students with a broad understanding of information technology and the ability to apply this knowledge at work, school, and home.

INTRODUCTION TO GRAPHIC DESIGN

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To develop skills required for desktop publishing by using programs such as Adobe Photoshop, Illustrator, and InDesign.

GRAPHIC DESIGN 2

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objective

- To expand and develop advanced skills required for desktop publishing by using programs such as Adobe Photoshop, Illustrator, and InDesign.

Mathematics

The Mathematics Department believes that a basic understanding of mathematical principles, as well as computational skills, are essential. Mathematics courses are organized so that students may experience success at different levels of achievement. Students are encouraged to use initiative and to become aware and accepting of their own particular abilities and of others' abilities. Thus, the Mathematics Department aims to give students a background in mathematics with the hope of inspiring them to meet their full mathematical potential.

ALGEBRA 1

Grade: 9

Required

2 Semesters

1 credit

Prerequisite: Placement test score or recommendation Course

Objectives

- Chapter 1: Evaluate expressions; apply order of operations; write expressions; write equations and inequalities; represent functions as rules and tables; represent functions as graphs;
- Chapter 2: Use integers and rational numbers; add real numbers; subtract real numbers; multiply real numbers; apply the distributive property; divide real numbers; find square roots;
- Chapter 3: Solve one-step equations; solve two-step equations; solve multi-step equations; solve equations with variables on both sides; write ratios and proportions; solve proportions using cross products; solve percent problems; rewrite equations and formulas;
- Chapter 4: Plot points in a coordinate plane; graph linear equations; graph using intercepts; find slope and rate of change; graph using slope-intercept form; graph linear functions;
- Chapter 5: Write linear equations in slope-intercept form; use linear equations in slope-intercepts form; write linear equations in point-slope form; write linear equations in standard form; write equations of parallel and perpendicular lines; fit a line to data;
- Chapter 6: Solve inequalities using addition and subtraction; solve inequalities using multiplication and division; solve multi-step inequalities; solve absolute value equations; solve absolute value inequalities; graph linear inequalities in two variables;
- Chapter 7: Solve linear systems by graphing. Solve linear systems by substitution; solve linear systems by adding and subtracting; solve linear systems by multiplying first; solve special types of linear systems; solve systems of linear inequalities;
- Chapter 8: Apply exponent properties involving products; apply exponent properties involving quotients; define and use zero and negative exponents; use scientific notation;
- Chapter 9: Add and subtract polynomials; multiply polynomials; find special products of polynomials; solve polynomial equations in factored form; factor trinomials; factor special products;
- Chapter 10: Graph quadratics; solve quadratic equations by graphing; use square roots to solve quadratic equations; solve quadratic equations by completing the square; solve quadratic equations by using the quadratic formula; compare linear and quadratic models;
- Chapter 11: Graph square root functions; simplify radical expressions; solve radical equations; apply the Pythagorean Theorem and its converse; apply the distance and midpoint formulas.

ALGEBRA 1 HONORS

Prerequisite: Placement test score or recommendation

Grade: 9

Course Objectives

Elective

2 Semesters

1 credit

- Chapter 1: Evaluate expressions; apply order of operations; write expressions; write equations and inequalities; use a problem solving plan; represent functions as rules and tables; represent functions as graphs;
- Chapter 2: Use integers and rational numbers; add real numbers; subtract real numbers; multiply real numbers; apply the distributive property; divide real numbers; find square roots and compare real numbers;
- Chapter 3: Solve one-step equations; solve two-step equations; solve multi-step equations; solve equations with variables on both sides; write ratios and proportions; solve proportions using cross products; solve percent problems; rewrite equations and formulas;
- Chapter 4: Plot points in a coordinate plane; graph linear equations; graph using intercepts; find slope and rate of change; graph using slope-intercept form; model direct variation; graph linear functions;
- Chapter 5: Write linear equations in slope-intercept form; use linear equations in slope-intercepts form; write linear equations in point-slope form; write linear equations in standard form; write equations of parallel and perpendicular lines; fit a line to data; predict with linear models;
- Chapter 6: Solve inequalities using addition and subtraction; solve inequalities using multiplication and division; solve multi-step inequalities; solve compound inequalities; solve absolute value equations; solve absolute value inequalities; graph linear inequalities in two variables;
- Chapter 7: Solve linear systems by graphing. Solve linear systems by substitution; solve linear systems by adding and subtracting; solve linear systems by multiplying first; solve special types of linear systems; solve systems of linear inequalities;
- Chapter 8: Apply exponent properties involving products; apply exponent properties involving quotients; define and use zero and negative exponents; use scientific notation; write and graph exponential growth functions; write and graph exponential decay functions;
- Chapter 9: Add and subtract polynomials; multiply polynomials; find special products of polynomials; solve polynomial equations in factored form; factor trinomials; factor special products; factor polynomials completely;
- Chapter 10: Graph quadratics; solve quadratic equations by graphing; use square roots to solve quadratic equations; solve quadratic equations by completing the square; solve quadratic equations by using the quadratic formula; interpret the discriminant; compare linear, exponential, and quadratic models;
- Chapter 11: Graph square root functions; simplify radical expressions; solve radical equations; apply the Pythagorean Theorem and its converse; apply the distance and midpoint formulas

GEOMETRY

Grade: 10

Required

2 Semesters

1 credit

Prerequisite: Algebra 1 or Algebra I Honors

Course Objectives

- Chapter 1: Identify points, lines, and planes; use segments and congruence; use midpoint and distance formulas, measure and classify angles; describe angle pair relationships; classify polygons; find perimeter, circumference, and area
- Chapter 2: Use inductive and deductive reasoning; analyze conditional statements; prove statements about segments and angles; prove angle pair relationships
- Chapter 3: Identify pairs of lines and angles; use parallel lines and transversals; prove lines are parallel; find and use slopes of lines; write and graph equations of lines; prove theorems about perpendicular lines
- Chapter 4: Apply triangle sum properties; prove triangles congruent by SSS; prove triangles congruent by SAS and HL; prove triangles congruent by ASA and AAS; use congruent triangles; use isosceles and equilateral triangles; perform congruence transformations
- Chapter 5: Midsegment Theorem; use perpendicular bisectors; use angle bisectors of triangles; use medians and altitudes; use inequalities in a triangle; use inequalities with two triangles
- Chapter 6: Ratios, proportions, and the geometric mean; use proportions to solve geometry problems; use similar polygons; prove triangles similar by AA; prove triangles similar by SSS and SAS; use proportionality theorems; perform similarity transformations
- Chapter 7: Apply the Pythagorean Theorem; use the converse of the Pythagorean Theorem; use similar right triangles; identify and use special right triangle relationships; apply the Tangent ratio; apply the Sine and Cosine ratios; solve right triangles
- Chapter 8: Find angle measures in polygons; use properties of parallelograms; show that a quadrilateral is a parallelogram; properties of rhombuses, rectangles, and squares; use properties of trapezoids and kites; identify special quadrilaterals
- Chapter 9: Use properties of matrices; perform reflections; perform rotations; apply compositions of transformations; identify symmetry; identify and perform dilations
- Chapter 10: Use properties of tangents; find arc measures; apply properties of chords; use inscribed angles and polygons; apply other angle relationships in circles; find segment lengths in circles; write equations of circles
- Chapter 11: Areas of triangles and parallelograms; areas of trapezoids, rhombuses, and kites; perimeter and area of similar figures; circumference and arc length; areas of regular polygons; use geometric probability
- Chapter 12: Explore solids; surface area of prisms and cylinders; surface area of pyramids and cones; volume of prisms and cylinders; volume of pyramids and cones; surface area and volume of spheres; explore similar solids

GEOMETRY HONORS

Grade: 10

Elective

2 Semesters

1 credit

Prerequisite: Algebra 1 Honors, Geometry Honors as a freshman, or recommendation. Note: Incoming freshmen who wish to qualify for Algebra 2 must pass an Algebra 1 exam given by the NCC Mathematics Department.

Course Objectives

- Chapter 1: Identify points, lines, and planes; use segments and congruence; use midpoint and distance formulas, measure and classify angles; describe angle pair relationships; classify polygons; find perimeter, circumference, and area
- Chapter 2: Use inductive reasoning; analyze conditional statements; apply deductive reasoning; use postulates and diagrams; reason using properties from algebra; prove statements about segments and angles; prove angle pair relationships
- Chapter 3: Identify pairs of lines and angles; use parallel lines and transversals; prove lines are parallel; find and use slopes of lines; write and graph equations of lines; prove theorems about perpendicular lines
- Chapter 4: Apply triangle sum properties; apply congruence and triangles; prove triangles congruent by SSS; prove triangles congruent by SAS and HL; prove triangles congruent by ASA and AAS; use congruent triangles; use isosceles and equilateral triangles; perform congruence transformations
- Chapter 5: Midsegment Theorem and Coordinate Proof; use perpendicular bisectors; use angle bisectors of triangles; use medians and altitudes; use inequalities in a triangle; use inequalities with two triangles and prove indirect proofs
- Chapter 6: Ratios, proportions, and the geometric mean; use proportions to solve geometry problems; use similar polygons; prove triangles similar by AA; prove triangles similar by SSS and SAS; use proportionality theorems; perform similarity transformations
- Chapter 7: Apply the Pythagorean Theorem; use the converse of the Pythagorean Theorem; use similar right triangles; identify and use special right triangle relationships; apply the Tangent ratio; apply the Sine and Cosine ratios; solve right triangles
- Chapter 8: Find angle measures in polygons; use properties of parallelograms; show that a quadrilateral is a parallelogram; properties of rhombuses, rectangles, and squares; use properties of trapezoids and kites; identify special quadrilaterals
- Chapter 9: Translate figures and use vectors; use properties of matrices; perform reflections; perform rotations; apply compositions of transformations; identify symmetry; identify and perform dilations
- Chapter 10: Use properties of tangents; find arc measures; apply properties of chords; use inscribed angles and polygons; apply other angle relationships in circles; find segment lengths in circles; write and graph equations of circles
- Chapter 11: Areas of triangles and parallelograms; areas of trapezoids, rhombuses, and kites; perimeter and area of similar figures; circumference and arc length; areas of regular polygons; use geometric probability
- Chapter 12: Explore solids; surface area of prisms and cylinders; surface area of pyramids and cones; volume of prisms and cylinders; volume of pyramids and cones; surface area and volume of spheres; explore similar solids

ALGEBRA 2

Grade: 10, 11

Required

2 Semesters

1 credit

Prerequisite: Algebra 1 and Geometry or Geometry Honors

Course Objectives

- Chapter 1: Apply properties of real numbers, evaluate and simplify algebraic expressions; solve linear equations; solve linear inequalities; solve absolute value equations and inequalities;
- Chapter 2: Represent relations and functions; find slope and rate of change; graph equations of lines; write equations of lines; model direct variation; draw scatter plots and best-fitting lines; use absolute value functions and transformations; graph linear inequalities in two variables;
- Chapter 3: Solve linear systems by graphing; solve linear systems algebraically; graph systems of linear inequalities; solve systems of linear equations in three variables; perform basic matrix operations; multiply matrices; evaluate determinants;
- Chapter 4: Graph quadratic functions in standard form; graph quadratic functions in vertex or intercept form; solve quadratics by factoring; solve quadratic equations by finding square roots; perform operations with complex numbers; complete the square; use the quadratic formula and the discriminant; graph quadratic inequalities;
- Chapter 5: Add, subtract, and multiply polynomials; factor and solve polynomial equations
- Chapter 6: Evaluate nth roots and use rational exponents; apply properties of rational exponents; perform operations and composition; use inverse functions; graph square root and cube root functions; solve radical equations;
- Chapter 10: Apply the counting principle and permutations; use combinations and the binomial theorem; define and use probability; find probabilities of disjoint and overlapping events; find the probabilities of independent and dependent events;
- Chapter 11: Find measures of central tendency and dispersion; apply transformations to data; use normal distributions; select and draw conclusions from samples; choose the best model for two-variable data;
- Chapter 12: Define and use sequences and series; analyze arithmetic sequences and series; analyze geometric sequences and series; find sums of infinite geometric series; use recursive rules with sequences and functions;
- Chapter 13: Use trigonometry with right triangles; define general angles and use radian measure; evaluate trigonometric functions of any angle; evaluate inverse trigonometric functions; apply the Law of Sines

ALGEBRA 2 HONORS

Grade: 10, 11

Elective

2 Semesters

1 credit

Prerequisite: Algebra 1 Honors, placement test score (freshmen), or recommendation

Note: Sophomores may “double up” and take Algebra 2 Honors and Geometry Honors simultaneously only if they plan to take PreCalculus as juniors and Calculus as seniors.

Course Objectives

- Chapter 1: Apply properties of real numbers, evaluate and simplify algebraic expressions; solve linear equations; rewrite formulas and equations; use problem solving strategies and models; solve linear inequalities; solve absolute value equations and inequalities;
- Chapter 2: Represent relations and functions; find slope and rate of change; graph equations of lines; write equations of lines; model direct variation; draw scatter plots and best-fitting lines; use absolute value functions and transformations; graph linear inequalities in two variables;
- Chapter 3: Solve linear systems by graphing; solve linear systems algebraically; graph systems of linear inequalities; solve systems of linear equations in three variables; perform basic matrix operations; multiply matrices; evaluate determinants and apply Cramer's rule; use inverse matrices to solve linear systems;
- Chapter 4: Graph quadratic functions in standard form; graph quadratic functions in vertex or intercept form; solve quadratics by factoring; solve quadratic equations by finding square roots; perform operations with complex numbers; complete the square; use the quadratic formula and the discriminant; graph and solve quadratic inequalities; write quadratic functions and models;
- Chapter 5: Add, subtract, and multiply polynomials; factor and solve polynomial equations
- Chapter 6: Evaluate n th roots and use rational exponents; apply properties of rational exponents; perform operations and composition; use inverse functions; graph square root and cube root functions; solve radical equations;
- Chapter 10: Apply the counting principle and permutations; use combinations and the binomial theorem; define and use probability; find probabilities of disjoint and overlapping events; find the probabilities of independent and dependent events; construct and interpret binomial distribution;
- Chapter 11: Find measures of central tendency and dispersion; apply transformations to data; use normal distributions; select and draw conclusions from samples; choose the best model for two-variable data;
- Chapter 12: Define and use sequences and series; analyze arithmetic sequences and series; analyze geometric sequences and series; find sums of infinite geometric series; use recursive rules with sequences and functions;
- Chapter 13: Use trigonometry with right triangles; define general angles and use radian measure; evaluate trigonometric functions of any angle; evaluate inverse trigonometric functions; apply the Law of Sines;

ACT MATH PREP

Grade: 12

Elective

1 Semesters

1/2 credit

Prerequisite: Algebra 2, and ACT/CERT math scores <19

Note: This course will aid in strengthening math skills before entering college. The course will prepare students to take the KYOTE college math placement test and work on ACT strategies with the hope of avoiding remedial-level math courses at the college level. This course does not meet the requirement of a 4th year of mathematics.

Course Objectives

- Chapter 1: Signed Numbers, Exponents and Order of Operations; Prime Numbers, GCF and LCM; Fractions; Decimals and Percentages; Number Line and Absolute Value; Applications Using Units, Rates and Proportions;
- Chapter 2: Properties of Simple Geometric Figures; Coordinate Geometry; Pythagorean Theorem and Similar Triangles;
- Chapter 3: Integer Exponents; Square Roots; Roots and Rational Exponents;
- Chapter 4: Add and Subtract Polynomials; Multiply Polynomials; Factor Polynomials;
- Chapter 5: Simplify Rational Expression; Multiply and Divide Rational Expressions; Add and Subtract Rational Expressions;
- Chapter 6: Solve Linear Equations in one Variable; Solve Multivariable Linear Equations for one of their Variables; Applications of Linear Equations; Solve Linear Inequalities in one Variable;
- Chapter 7: Slopes and Graphs of Lines; Equations and Graphs of Lines; Parallel and Perpendicular Lines;
- Chapter 8: Solve Quadratic Equations; Completing the Square; Graph Quadratic Functions; Applications of Quadratic Equations;
- Chapter 9: Solve Systems of Linear Equations by Graphing; Solve Systems of Linear Equations Analytically;
- Chapter 10: Functions; Solve Rational, Radical and Absolute Value Equations

ADVANCED TOPICS

Grades: 12

Elective

2 Semesters

1 credit

Prerequisite: Algebra 2 and ACT or CERT math scores <19 Course Objectives

- Exponential growth, exponential decay, modeling with exponential functions, logarithms and logarithmic functions, properties of logarithms, solving exponential and logarithmic equations
- Inverse and joint variation, graphing rational functions, simplifying and multiplying rational expressions, dividing rational expressions, adding and subtracting expressions, solving rational expressions
- Right triangle trigonometry, functions of any angle, graphing the trigonometric functions, the Law of Sines, the Law of Cosines
- Distance and midpoint formulas, parabolas, circles, ellipses, hyperbolas, graphing and classifying conics
- The Pythagorean Theorem and the distance formulas, the converse of the Pythagorean Theorem, medians of triangles, triangle inequalities
- Ratios and proportions, similar polygons, proportions and similar triangles, dilations
- Angles in polygons, area of squares and rectangles, area of triangles, area of parallelograms, area of trapezoids, circumference and area of circles
- Solid figures, surface area of prisms and cylinders, surface area of pyramids and cones, volume of prisms and cylinders, volume of pyramids and cones, surface area and volume of spheres
- Simplifying square roots, 45-45-90 triangles, 30-60-90 triangles, tangent ratio, sine and cosine ratios, solving right triangles
- Parts of a circle, properties of tangents, arcs and central angles, arcs and chords, inscribed angles and polygons, properties of chords, equations of circles, equations of circles, rotations

PRECALCULUS

Grades: 11, 12

Elective

2 Semesters

1 credit

Prerequisite: Algebra 2 or Algebra 2 Honors and ACT 19 or greater

Course Objectives

- Chapter 1: Rectangular coordinates; graphs of equations; linear equations in two variables; functions; analyzing graphs of functions; parent functions; transformations of functions; combinations and composite functions; inverse functions
- Chapter 2: Quadratic functions; polynomial functions; polynomial and synthetic division; complex numbers; zeros of polynomial functions; rational functions
- Chapter 3: Exponential functions; logarithmic functions; properties of logarithms; exponential and logarithmic equations
- Chapter 8: Matrices and systems of equations; operations with matrices; the inverse of a square matrix; the determinant of a square matrix
- Chapter 9: Sequences and series; arithmetic sequences and partial sums; geometric sequences and series; mathematical induction; the binomial theorem
- Chapter 10: Parabolas; ellipses; hyperbolas; rotation of conics; parametric equations; polar equations; graphs of polar equations; polar equations of conics

PRECALCULUS HONORS with TRIGONOMETRY

Grades: 11-12

Elective

2 Semesters

1 credit

Prerequisite: Algebra 2 or Algebra 2 Honors and ACT >22

Note: This course is an honors course intended for students who plan to take Calculus. This course meets the requirement of a 4th year of mathematics if taken during the senior year.

- Course Objectives*
- Chapter 1: Sets; Cartesian plane; distance in a plane; graph of equations; functions; function notation; operations on functions; graphs of functions; transformations;
 - Chapter 2: Linear function; absolute value function; quadratic function; inequalities;
 - Chapter 3: Graphs of polynomials; Factor Theorem; Remainder Theorem; real zeros of polynomials; complex zeros of polynomials; Fundamental Theorem of Algebra;
 - Chapter 4: Rational functions; graphs of rational functions; rational inequalities;
 - Chapter 5: Composite functions; inverse functions; other algebraic functions
 - Chapter 6: Exponential and logarithmic functions; properties of logarithms; exponential equations and inequalities; logarithmic functions and inequalities;
 - Chapter 7: Conics; circles; parabolas; ellipses; hyperbolas;
 - Chapter 8: Linear systems and matrices; Gauss elimination; augmented matrices; matrix operations; matrix inverses; determinant; Cramer's Rule;
 - Chapter 9: Sequences and the Binomial Theorem; sequences, summation notation; induction; the Binomial Theorem
 - Chapter 10: Trigonometry; angles, angle measure; unit circle; trigonometric functions; trigonometric identities; graphs of trigonometric functions; inverse trigonometric functions; solving trigonometric equations;
 - Chapter 11: Law of Sines; Law of Cosines; polar coordinates; polar graphs; vectors; dot products; projections; parametric equations

DUAL CREDIT (DC) CALCULUS

Grade: 12

Elective

2 Semesters

1 Credit

Prerequisites: As determined by the accrediting university or college. Course

Objectives

- Chapter 1: Functions; algebraic functions; transcendental functions;
- Chapter 2: The tangent problem; function limits; finding limits; definition of limit; continuity; infinite limits; asymptotes; derivatives; rate of change; derivative as a function;
- Chapter 3: Derivatives of polynomial and exponential functions; product and quotient rules; derivatives of trigonometric functions; chain rule; implicit differentiation; derivatives of logarithmic functions; related rates;
- Chapter 4: Maximum and minimum values; the Mean Value Theorem; graphs with derivatives; graphing with calculators; Newton's Method; antiderivatives;
- Chapter 5: Area and distance; definite integrals; the Fundamental Theorem of Calculus; antidifferentiation by substitution;
- Chapter 6: Area between curves; volume; shells, disks
- Chapter 7: Approximate integration
- Chapter 8: Arc length; surface revolution

ELEMENTARY STATISTICS

Grade 11-12

Elective

1 Semesters

½ Credit

Course Objectives

- Chapter 1: Data classification; data collection; experiment design
- Chapter 2: Frequency distribution; measures of central tendency; measures of variation; measures of position;
- Chapter 3: Probability and counting; conditional probability; multiplication rule; addition rule;
- Chapter 4: Probability distributions; binomial distribution;
- Chapter 5: Normal distribution; standard normal distribution; finding probability; finding values; sampling distributions; central limit theorem; normal approximation to binomial distribution
- Chapter 6: Confidence intervals; confidence intervals with known mean; confidence intervals with unknown mean; confidence intervals for proportion; confidence intervals for variation
- Chapter 7: Hypothesis testing; hypothesis testing with known mean, hypothesis testing with unknown mean; hypothesis testing for proportion; hypothesis testing for variation;
- Chapter 8: Testing the difference between means with known means; testing the difference between means with unknown means, independent samples; testing the difference between means, paired data; testing the difference between proportions;
- Chapter 9: Correlation; linear regression; measures of regression; multiple regression;
- Chapter 10: Goodness of fit test; independence, comparing variance; ANOVA

ENGINEERING 101

Grade: 11, 12

Elective

1 Semesters

1/2 Credit

Prerequisite: Algebra 1 and Geometry

Course Objectives

- Analyze common engineering problems
- Explore various problem-solving techniques
- Receive an introduction to computer programming on various platforms
- Perform experiments and write formal lab reports
- Present proposals and debate conclusions

Science

The NCC Science Department believes that all students should have a solid, fundamental science education to help them meet the challenges and problems of today's world. Students are encouraged to develop an appreciation of the world's resources, an awareness of environmental issues, and a sense of inquiry. The required classes are designed to fulfill this departmental philosophy. Elective classes are designed to prepare the students for post-secondary education.

INTEGRATED SCIENCE

Grade: 9

Required

2 Semesters

1 credit

Note: This course is an introduction to the central sciences, which includes concepts in geology, astronomy, physics, and chemistry.

Course Objectives

- To develop basic concepts and vocabulary for the physical and central sciences.
- To develop fundamental skills needed in the scientific processes.
- To develop an understanding of how the physical science of Earth dictates the geological processes of our planet.
- To develop an understanding of our solar system and the planets within the solar system.
- To develop an understanding for the history of man's exploration of space and our future in space.
- To introduce laws found within the physical world (motion, forces, energy, work, and momentum).
- To integrate mathematics with science in real-world applications.
- To develop better problem-solving skills.
- To execute the use of formulas and equations used in future science classes.
- To develop an understanding of the relationship between mass and matter and the changes it undergoes.

CHEMISTRY 1

Grade: 10

Required

2 Semesters

1 credit

Prerequisites: Algebra 1 (passed during school year); Integrated Science (passed during school year)

Note: Laboratory sessions are an integral part of this course.

Course Objectives

- To develop the student's understanding of the following chemistry topics: measuring and calculating, matter, atomic structure, the periodic table and the elements, chemical bonding, and solids, liquids, and gases.
- To develop the student's problem-solving ability in the following areas: chemical formulas and equations, the mole, chemical reactions, and acids and bases.
- To prepare college-bound students for introductory college chemistry.

CHEMISTRY 1 HONORS

Grade: 10

Required

2 Semesters

1 credit

Prerequisites: Algebra 1 (passed during school year); Integrated Science (passed during school year)

Note: Laboratory sessions are an integral part of this course.

Course Objectives

- To develop the student's understanding of the following chemistry topics: measuring and calculating, matter, atomic structure, the periodic table and the elements, chemical bonding, and solids, liquids, and gases.
- To develop the student's problem-solving ability in the following areas: chemical formulas and equations, the mole, chemical reactions, and acids and bases.
- To prepare college-bound students for introductory college chemistry.
- To enhance learning by developing independent study skills.
- To increase academic rigor by covering material at a more in-depth level and proceeding at a faster pace than the Chemistry 1 class.

KITCHEN CHEMISTRY

Grades: 11, 12

Elective

1 Semesters

1/2 credit

Course Objectives

- To explore Nutrition, Cooking, and Chemistry focusing on the overlapping between all three.
- To explore the science behind cooking through hands on activities, reading, and student research.

BIOLOGY

Grade: 11

Required

2 Semesters

1 credit

Course Objectives

- To develop an understanding of concepts and vocabulary in a survey of the life sciences, which may include studies of cell biology, genetics, plants, animals, ecology, the chemistry of life, and the origin of life forms.
- To develop laboratory skills.
- To use the scientific method in problem-solving.
- To prepare students for more advanced science courses.

BIOLOGY HONORS

Grade: 11

Required

2 Semesters

1 credit

Prerequisite: "A" average or higher in Chemistry or with teacher recommendation

Course Objectives

- To develop an understanding of concepts and vocabulary in a survey of the life sciences, which may include studies of cell biology, genetics, plants, animals, ecology, the chemistry of life, and the evolution of the origin of life.
- To develop laboratory skills.
- To use the scientific method in problem-solving.
- To prepare students for more advanced science courses.
- To enhance learning by developing independent study skills.
- To increase academic rigor by covering material at a more in-depth level and proceeding at a faster pace than the general biology class.

ADVANCED PLACEMENT (AP)

BIOLOGY

Grades: 11, 12

Elective

2 Semesters

1 credit

Prerequisites: Integrated Science; Chemistry; Algebra

Note: This course is designed for the serious science student, a junior or senior who wishes to take a second course in biology. It will be a rigorous biology course at a college-level pace in preparation for the AP exam in May, and students should feel confident in science and math skills from previous coursework.

Course Description

This course will cover the topics most often found in a general college biology course under the main headings of (1) molecular and cellular biology, (2) genetics and evolution, and (3) organisms and populations. Through lectures, readings, and laboratory experiments, these topics will be explored with the course objectives in mind.

Course Objectives

- To know the basic facts, principles, and processes of biology.
- To understand the means by which biological information is collected and interpreted, as well as how hypotheses are formulated.
- To understand the social consequences of advancements in biological science.

ENVIRONMENTAL SCIENCE

Grades: 11, 12

Elective

1 Semester

½ credit

This is project-based by design.

Course Objectives

- To promote a greater respect for organisms and the ecosystems they live in.
- To become familiar with the various terrestrial and aquatic ecosystems and the plants and animals which inhabit them.
- To learn about the biological and physical cycles that dictate life within an ecosystem.
- To study the behaviors of organisms and their assess their well being.
- To arrive at practical solutions for the protection of these ecosystems.
- To establish different careers involved in environmental science.
- To learn about state and federal laws regarding the environment of animals as pets.
- To create a climate of learning that is truly collaborative. This course requires each student to be responsible and in charge of an organism's well-being.
- To make connections with environmental agencies. For example, field trips to the TMC Field Station, a river cruise with ORSANCO, or working with the UK Extension Service.

INVERTEBRATE ZOOLOGY

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To examine invertebrate taxonomy with a hands-on approach.
- To explain different invertebrate morphology (body systems/ functions, shapes, and life cycles).
- To explore, collect, and create the environment/ecosystems in which invertebrates are found.
- To maintain and improve lab safety techniques and collection ethics.
- To work within the community to explore the importance of invertebrate ecosystems within our area.
- To advance higher learning of those with an interest in biology and to further explore topics seen in biology.

DISEASE IN MEDICINE

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To focus on the tools needed to make proper diagnosis of many common and some uncommon diseases in medicine.
- To learn the skills of performing a good history and physical exam.
- To establish a differential diagnosis.
- To understand and determine the ordering of appropriate labs and establishing a treatment plan.
- To provide knowledge for students interested in any field of medicine: practitioners, nurses, medical assistants, lab personnel, medical front desk workers or medical billers.

ANATOMY AND PHYSIOLOGY

HONORS

Grade: 11, 12

Elective

2 Semesters

1 credit

Prerequisite: Teacher recommendation Course Objectives

- To introduce the student to the normal functioning of human body systems.
- To help students become familiar with the functions of various anatomical structures.
- To help students understand the consequences of diet and hygiene on the normal operation of the body.
- To provide students with the background to take classes at the college level.

AP PHYSICS

Grade: 11, 12

Elective

2 Semesters

1 credit

AP Physics 1 will cover topics in Newtonian mechanics; work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. AP Physics 2 will cover topics in fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Students should check with the AP Physics teacher to learn which AP Physics course will be taught each school year.

Prerequisite: 87% or higher in Algebra 2 Honors (proficiency in PreCal and plane geometry is recommended) and teacher recommendation.

This is a college-level course that moves at a fast pace. They should also remain aware that extra work, including outside class assignments, will be required and that high-level math skills will also be required. The course is an inquiry-based course that focuses on experimentation and also conceptual understanding. Lessons will include the derivation of equations, demonstrations of physical phenomena, vocabulary associated with the content, and addressing any questions based upon the material covered.

Course Objectives

The content of this course is based upon 6 big ideas:

- Big Idea 1 – Objects and systems have properties such as mass and charge. Systems may have internal structure.
- Big Idea 2 – Fields existing in space can be used to explain interactions.
- Big Idea 3 – The interactions of an object with other objects can be described by forces.
- Big Idea 4 – Interactions between systems can result in changes in those systems.
- Big Idea 5 – Changes that occur as a result of interactions are constrained by conservation laws.
- Big Idea 6 – Waves can transfer energy and momentum from one location to another without the permanent transfer of mass and serve as a mathematical model for the description of other phenomena.

The material covered in this course will prepare students to meet and exceed AP entry benchmarks on standardized tests as well as reinforce skills necessary for careers and post-secondary education. A variety of instructional methods will be utilized to support a constructive and successful learning environment. The following table outlines our schedule for AP Physics 1. In addition, approximately 2-3 weeks have been set aside in the 2nd semester for preparation for the AP Physics 1 exam.

BIOTECHNOLOGIES

Grades: 11, 12

Elective

1 Semesters

1/2 credit

Biotechnology is a course designed to give students hands-on experience for laboratory and field skills and scenarios. Students will learn about everything from robotics to molecular biology. The objectives are meant to be academic, but also mechanical and technical in nature.

Course Objective

- To gain a deeper understanding of concepts from biology, chemistry, computer programming (basic), forensics, math, and more.
- To gain the critical thinking and communication skills needed to succeed beyond high school.
- To explore and evaluate career opportunities in the field of biotechnology through extensive readings, laboratory experiments, class discussions, research projects, guest speakers, and workplace visits.

FORENSICS

Grades: 11, 12

Elective

1 Semesters

1/2 credit

Do you love watching crime shows like CSI, but wish you could learn what it's like in real life? Forensics class will explore many different fields of study because it is STREAM related (Science, Technology, Robotics, Engineering, Art, and Mathematics). If the objectives below sound interesting to you, then this class is for you!

*Prerequisites: **It is not required, but recommended for students to also take this with Bio Tech.*

Course Objective

- Students will learn about fingerprinting
- Blood typing and splatter
- Drug analysis and toxicology
- Document analysis
- Microscopy
- Crime scene investigation
- Psychology

METEOROLOGY

Grades: 11, 12

Elective

1 Semesters

1/2 credit

Course Objective

- To support knowledge of physical science, specifically earth science.
- Waves, convection and conduction, atmospheric and geologic features
- To gain awareness of the math and science used in predicting weather and natural disasters.
- To describe, identify, and predict patterns of natural events.
- To use atmospheric and global data to increase an understanding of global warming.
- To reenact what it would be like to be a news anchor during a live event.

Social Studies

The goal of the Social Studies Department at NCC is to reveal to the student, through the study of the social sciences, how institutions, ideas, and customs have developed. Contemporary questions and issues are studied to develop a sense of the responsibilities the student must assume as a citizen and a future leader. One of the principal goals of social studies today is to develop in the student the intellectual and emotional capacity to cope with continual change and marked diversity in our society.

MODERN WORLD CIVILIZATION

Grade: 10

Required

2 Semesters

1 credit

Course Objectives for Part A

- To get an understanding of world cultures and events from the Islamic Empire through the Age of Napoleon.
- To develop the students' skills in using maps, charts, tables, and diagrams.
- To utilize the textbook and outside sources to enhance the study of topics as outlined in the syllabus.
- To examine cultural traits of those topics and apply them to the present day.
- To develop skills for taking tests that would improve ACT scores.

Course Objectives for Part B

- To get an understanding of world cultures and events from The Industrial Revolution to a study of the Middle East.
- To develop the students' skills in using maps, charts, tables, and diagrams.
- To utilize the textbook and outside sources to enhance the study of topics as outlined in the syllabus.
- To examine cultural traits of those topics and apply to them to the present day.

ADVANCED PLACEMENT (AP)

WORLD HISTORY-MODERN

Grade: 10

Elective

2 Semesters

1 credit

Prerequisite: 93% or above in English from freshman year and specific recommendation by a Social Studies teacher. Geography is a pre-requisite.

Note: Students must realize that this is a college-level course that moves at a fast pace. They should also understand that extra work, including reading and outside class assignments, will be required.

Course Objectives

- To give students a college experience in world civilization.
- To heighten the ability to see relationship and distinction in world political, social, economic, and intellectual history.
- To develop the ability to extract from primary documents and secondary sources research instruments that will demonstrate interpretative and analytical ability.
- To read historical materials astutely and write effectively.
- To develop within the student the ability to weigh evidence and reach conclusions on the basis of facts, not prejudice.
- To handle the discipline of college-level work and prepare for the Advanced Placement exam.

UNITED STATES HISTORY

Grade: 11

Required

2 Semesters

1 credit

Course Objectives

- To survey United States history from 1850 to 1920 (Part A).
- To survey United States history from 1920 to 1980 (Part B).
- To develop the students' skill in using maps; interpreting charts, tables, diagrams, graphs, and timelines; and using primary and secondary historical sources.
- To develop the skills necessary for writing historical compositions and critiques.
- To develop skills for taking an essay test.
- To stress current events regarding contemporary America.

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY

Grade: 11

Elective

2 Semesters

1 credit

Prerequisite: 87% or higher in Modern World Civilization and English from sophomore year; AP Modern World History or recommendation from World Civilization teacher.

Note: Students must realize that this is a college-level course that moves at a fast pace. They should also understand that extra work, including reading and outside class assignments, will be required.

Course Objectives

- To give students a college experience in United States history.
- To study United States history in depth from 1400 to the present.
- To find cause and effect relationships in the facts of United States history.
- To prepare students for the Advanced Placement exam in May.
- To sharpen the students' skills in writing and document interpretation.

AMERICAN GOVERNMENT

Grades: 9, 10, 11, 12

Required

1 Semester

½ credit

Course Objectives

- To complete a study of the origins of American government.
- To complete a study of the Declaration of Independence, as well as an understanding of the U.S. Constitution and the Amendments.
- To get an understanding of the political process at the national level.
- To complete a project with an emphasis upon national, state, and local governments.
- To utilize speakers from the community involved in local government.
- To get an understanding of topics related to government as outlined in the syllabus.
- To develop skills for taking tests that would improve ACT scores.

ADVANCED PLACEMENT (AP) UNITED STATES GOVERNMENT

Grades: 11, 12

Elective

2 Semesters

1 credit

Note: Students will be required to participate in classroom discussions, as well as to complete projects that will be assigned during the course of their study. They must realize that this is a college-level class that moves at a fast pace.

Prerequisites: Geography and teacher signature.

Course Description

This course covers a variety of topics relating to government. Topics to be discussed in class include the origins of American government, political beliefs and behavior, political parties, interest groups, mass media, government institutions, public policy, and civil rights and liberties. Students will learn how these institutions work together and how they check on each other.

Course Objectives (from the AP U.S. Government workshop handbook)

- To know important facts, concepts, and theories pertaining to U.S. government and politics.
- To understand typical patterns of processes and behavior and their consequences.
- To be able to analyze and interpret basic data relevant to U.S. government and politics.
- To be able to critically analyze relevant theories and concepts, apply them appropriately, and develop their connections across the curriculum.

GEOGRAPHY

Grades: 9, 10, 11

Required 1

Semester ½
credit

NOTE: This course is a prerequisite for AP World History, AP US History, and AP US Government.

Course Objectives

- To study the physical geography of the world.
- To identify geography skills, such as map reading, topography, and land location.
- To understand the relationship between the land and the people who live on the land.
- To understand the political, economic, and social significance of each country taught.

LAW AND JUSTICE

Grades: 11, 12

Elective

1 Semester
½ credit

Course Objectives

- To describe the trial process.
- To explain the differences between civil and criminal laws and between civil and criminal trials.
- To understand the rights given by the Constitution.
- To describe the rights of a person accused of crimes and identify defense charges of criminal conduct.
- To show the history and current issues revolving around capital punishment.
- To have an understanding of civil, family and consumer law.

PSYCHOLOGY

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To introduce students to the historical development of psychology.
- To introduce students to the cognitive processes of learning, memory, and thought.
- To introduce students to the physiological bases of behavior, including the brain and nervous system.
- To introduce students to the topics of motivation and emotion.
- To introduce students to the topic of altering consciousness by thought, sleep, hypnosis, and chemical substances.
- To introduce the topic and methods of stress management and positive mental health.
- To introduce the topics of neurosis and psychosis.

BATTLE REENACTMENTS

Grade: 11, 12

Elective

1 Semester

1/2 credit

Course Objectives

- To examine the effects of the French and Indian War
- To learn the meaning of taxation without representation
- To describe the Northern and Southern views on slavery
- To learn the advancements of military technology
- To summarize the significance of the election of 1860
- Differences of battles between WW1 and WW2

MOCK TRIAL

Grade: 11, 12

Elective

1 Semester

1/2 credit

Course Objectives

- To analyze and understand trial law and court proceedings
- To analyze and explain affidavits used in real court proceedings
- To prepare for competition that will take place in February of that school year where we will compete against other schools
- To explore the experience of trial in front of real lawyers and judges
- To understand a baseline knowledge of trial law and court procedures
- To explore the law field with real lawyers that will help with our case and proceedings

SOCIOLOGY

Grade: 11, 12

Elective

1 Semester

1/2 credit

Course Objectives

- To define and understand sociology.
- To explore the student's understanding of relationships.
- To understand cultural differences.
- To comprehend the functions of society.

CIVIL WAR

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To describe Northern and Southern views on slavery.
- To examine the effects of the Compromise of 1850.
- To summarize the significance of the election of 1860.
- To describe the weapons and technology used during the Civil War.
- To explain the advantages and strategies for the North and South.
- To identify the importance of the Emancipation Proclamation.
- To explain how Gettysburg and Vicksburg changed the Civil War.
- To assess the impact of governmental programs for freedmen and racial terrorism in the South during the Reconstruction era.

CURRENT EVENTS

Grades: 11, 12

Elective

1 Semester

½ credit

Course Objectives

- To help students use the Internet and Chromebooks, which will help them on standardized tests.
- To use the Internet and Chromebooks to help students expand their vocabulary.
- To increase the student's awareness of and interest in current events.
- To learn the names of local governments and their personnel.
- To become familiar with states and relevant topics.
- To have students become aware of the national news and what goes on in their country.
- To have countless discussions of news topics.

ECONOMICS

Grades: 9, 10, 11, 12

Elective

1 Semester

½ credit

Note: Offered through the Business Department, this course may be used to fulfill ½ credit of the social studies requirement for graduation.

Course Objectives

- To understand the fundamental concepts of both micro, macro, and international economics.
- To understand the meaning of economics.
- To examine the concepts of supply and demand.
- To understand the process of financing a business and free enterprise.
- To understand consumers, savers, and investors, as well as their role in the economy.

HISTORY'S MYSTERIES

Grades: 11, 12

Elective

1 Semester

½ credit

Course Description

This course will look at unsolved pieces of history and the many unanswered questions about the pieces of our past. We will look at many historic events such as the JFK Assassination, the pyramids, and the many famous parts of history that we have only heard one side of the story. This class will focus on analyzing text and film to understand what happened. We will also look at famous creatures in the United States and what we know about them, such as Big Foot and Mothman.

- To analyze history and look at events from other perspectives
- To determine what we know did and did not happen at famous historic events.
- To evaluate from many perspectives what different people saw and heard during events and hopefully clear up confusion.
- To analyze the history of famous structures and try to determine how and why they were built without the modern machinery we have today.
- To define what “conspiracies” are and how they work.
- To analyze primary sources to get to the bottom of famous events.

HISTORY OF ROCK N ROLL

Grades: 11, 12

Elective

1 Semester

½ credit

Course Description

This course will be offered for students who are interested in the pop culture impact of the creation of Rock N Roll music. We will start with the influences of Gospel, Jazz, R&B, Country, and Blues. From there we will discuss the impact of African Americans and people like Elvis Presley. We would talk about the British invasion, hippie rock, and invention of Heavy Metal. The course's main objective is to teach the students about the importance of Rock N Roll and its impact on pop culture. Also we will analyze the social change that it has helped start.

- To analyze the importance of Rock N Roll on the many social movements in the United States.
- To evaluate how Rock N Roll has changed over the past 60 years and how many subgenres have been created.
- To define what Rock N Roll is as a piece of history, music, and pop culture movement.
- To define the “father”, “king”, and “queen” of Rock N Roll.

HOLOCAUST STUDIES

Grades: 11, 12

Elective

1 Semester

½ credit

Course Description

This one semester course assists students in developing an understanding of the causes and ramifications of a watershed event in human history. Through use of primary source readings, film and internet resources, students will appreciate the dangers of remaining silent, apathetic and indifferent in the face of others' oppression. In this course, students will be afforded the opportunity to attend various workshops and presentations by survivors and experts in the field of Holocaust history.

Course Objectives

- To understand the foundations of the Holocaust.
- To study the rise of Hitler and Nazism.
- To study the Anschluss and the invasion of Europe and to understand the impact of Nazism on the territories under siege.
- To identify what the "Final Solution" was, to know the various elements that comprised it and to understand the motivations behind it.
- To study the various types of resistance to Nazi action, to understand the motivations of those who resisted as victims, and those who resisted as a form of rescue.
- To study the last years of the Holocaust and to understand the concept of "return to life" and how victims were or were not able to do that.
- To be introduced to other historical genocides and to understand that these are not limited to any specific time period, region of the world or certain type of victim.

Theology

The curriculum and goals of the Theology Department are reflected in every subject studied, every sport played, and every activity performed. The doctrines of faith are put into action through frequent celebration of the Mass and the Sacrament of Reconciliation. Newport Central Catholic's Community Service Program, Retreat Program, and everyday communal prayer promote what it means to live a devout Catholic faith life.

INTRODUCTION TO SCRIPTURE

Course Description

Grade: 9

Required

1 Semester

½ credit

Students will gain a general knowledge and appreciation of Sacred Scripture. In this course, they will learn about the Bible, authored by God through inspiration, and its value to people throughout the world. Students will learn how to read the Bible and become familiar with its major sections.

Course Objectives

- To distinguish, compare, and contrast the ways that God reveals Himself through natural and divine revelation.
- To understand how the Bible came to be, its authorship and inspiration, and how to use the Bible for prayer.
- To gain a deeper understanding of Scripture using the four senses of Scripture (literal, allegorical, moral, and anagogical).
- To distinguish between theological, scientific, and historical truth and be able to explain why they cannot conflict.
- To identify the major sections of both the Old and New Testaments and how they unite to tell the story of salvation.
- To compare and contrast the Four Gospels and illustrate how they lead us to accept Jesus Christ and apply His teachings in our everyday life.
- To explain the role of the Magisterium in our understanding of the Bible.

BLESSED TRINITY

Course Description

Grade: 9

Required

1 Semester

½ credit

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God and the Second Person of the Trinity. Students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

Course Objectives

- To describe what faith is and how faith in Jesus Christ leads to discipleship.
- To compare and contrast the three persons of the Trinity and explain their relationship to one another.
- To describe Mary's role in the life and prayer of the Church, as well as to identify the various Marian dogmas.
- To describe the mystery of the Incarnation and define the hypostatic union.
- To describe how Jesus reveals what it means to be human and how we are called to be in good, healthy relationship with God and others.
- To defend the existence of God using arguments from reason, revelation, and faith.

MISSION OF CHRIST

Grade: 10

Required

1 Semester

½ credit

Course Description

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Students will learn from this course that, from all of eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will also learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

Course Objectives

- To be able to list our beliefs taken from the creation narrative.
- To identify key passages from Scripture of a Messiah and how Jesus fulfills these promises.
- To articulate that our redemption was accomplished through the Paschal Mystery.
- To know the implications of this redemption for believers and understand the universal call to holiness.
- To develop a strong attitude toward prayer, which is essential to the life of a believer.

CHRIST AND THE CHURCH

Grade: 10

Required

1 Semester

½ credit

Course Description

This course is the second part of the sophomore curriculum. This course aims to help students understand that in and through the Church, they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by the Holy Spirit. The students will come to know that the Church is the living Body of Christ today, which has both divine and human elements. In this course, students will learn the life of the Church and the sacred nature of the Church.

Course Objectives

- To identify Scripture passages that show the origins and structure of the early Church.
- To explain the Holy Spirit's role in the development of the Church and Her activity today.
- To analyze and compare the images of the Church in the Old and New Testaments.
- To name and explain the four marks of the Church.
- To identify the purpose and mission of the Church in the world and Her role therein.
- To characterize the relationship between belonging to the Church and one's personal journey of salvation.
- To strive to live the Gospel and carry it to others.
- To gain an ability to intelligently read the New Testament and to understand the basic themes, background, and theology.

SACRAMENTS

Grade: 11

Required

1 Semester

½ credit

Course Description

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

Course Objectives

- Students will be able to define “sacrament” and understand the purpose of them and the Church within the economy of salvation.
- Understand the scriptural background, historical development, essential elements, rites, requirements and the effects and implications of the 7 sacraments.
- The students will understand the importance of regular confessions in living a holy life.
- Students will be able to state the difference of receiving Eucharist within the Mass and Communion at a Protestant service.

MORAL LIVING IN CHRIST

Grade: 11

Required

1 Semester

½ credit

Course Description

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God’s plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ’s disciples.

Course Objectives

- To summarize God’s plan for us.
- To explain the Catholic teaching regarding the dignity of the human person.
- To understand free will and how this gift affects our relationship with God.
- To compare and contrast Eternal Law and Natural Moral Law.
- To interpret and apply the Ten Commandments.
- To illustrate the call to holiness and understand how prayer, as well as Cardinal and Theological Virtues, help us to live a moral life.
- To define and explain the effects of original sin and illustrate the power of the Holy Spirit in bringing people to repentance and conversion.
- To examine the challenges that will be faced living a moral life.
- To explain why morally good living leads to true freedom.

THE CALL OF CHRIST ON CHRISTIAN VOCATION

Grade: 12

Required

1 Semester

½ credit

Course Description

The purpose of this course is to help the student understand the vocations of life as how Christ calls us to live. In this course, students will learn how all vocations are similar and how they differ. The course is structured around married life, single life, priestly life, and consecrated life. The course will also incorporate Theology of the Body. Students will learn what it means to live for the benefit of others and the value in considering a vocation in service to the Christian community.

Course Objectives

- To compare and contrast the difference between a “job” and a vocation.
- To define discernment and use discernment techniques.
- To explain how living one’s vocation reflects Trinitarian life.
- To discuss the four types of vocations and how they are rooted in Scripture, the focus of each vocation, and the challenges of each vocation.
- To understand the foundation of Theology of the Body (i.e. Pope John Paul II’s integrated vision of the human person as body, soul, and spirit, as well as how the human body reveals answers to fundamental questions about us and our lives [see also <http://theologyofthebody.net/>]).

(Required) ELECTIVES:

NOTE: Seniors are required to take one of these two courses.

CATHOLIC SOCIAL TEACHING

Grades: 12

Elective

1 Semester

½ credit

Course Description

The purpose of this course is to introduce students to the Church’s social teaching. In this course, students will learn how Christ’s concern for others, especially the poor and needy, is present today in the Church’s social teaching and mission.

Course Objectives

- To cite Scriptural roots for Catholic social teaching.
- To name major papal encyclicals and pastoral letters on social justice.
- To name the seven principles of Catholic social teaching.
- To justify why the life and dignity of the human person is a core Catholic social teaching.
- To assess different societal systems in how they promote or detract from living out the Ten Commandments.

WORLD RELIGIONS & THE CATHOLIC FAITH

Grades: 12

Elective

1 Semester

½ credit

Course Description

The purpose of this course is to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to Her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practices differ from the Catholic faith.

Course Objectives

- To trace Divine Revelation through the Old and New Testaments.
- To explain the Divine foundation of the Catholic Church.
- To study the similarities and differences between the Catholic Church and other Christian and Ecclesial Communities.
- To understand the relationships between the Catholic Church and the Jewish people.
- To define the beliefs of non-Christian religions.
- To understand the importance, requirements and challenges of interreligious dialogue.
- To state the Church's stance on ecumenism as stated in Vatican II.

General Courses

Transcending the confines of a single academic department, NCC is pleased to be able to offer the following electives in addition to our departmental course offerings. These electives are not available to freshmen.

BROADCAST

Grades: 11, 12

Elective

1 Semester

1/2 credit

Course Objectives

- To create a weekly episodic show for students about what is going on in their school
- To explore different aspects of production: filming, editing, and acting on camera
- To analyze and understand important topics in the news to add to the weekly show
- To create a lasting memory, similar to a yearbook, that students may look back on for years to come
- To understand the importance of deadlines and time constraints in a production team
- To analyze and understand script writing

CULTURE & TRAVEL

Grades: 11, 12

Elective

1 Semester

1/2 credit

Course Objectives

- To broaden one's thinking on the world around them.
- To locate various countries, major cities, natural wonders, historic sites, and other tourism attractions..
- To evaluate the culture and heritage of a region.
- To express awareness of cultural elements important to members of another culture in relation to history, values, politics, communication styles, economy, business, beliefs and practices.
- To evaluate both the positive and negative impacts of tourism on cultures and communities
- To compare and contrast different cultures throughout the world with your home culture.
- To identify different cultures and explain their key differences and their influence on travel.

STUDY HALL

Grades: 12

Elective

1 Semester

No credit

Course Description

Study halls run a semester in length and are available to only Seniors. Seniors may choose either 1st or 2nd semester. There are several on campus locations students may use OR they may leave campus.

YEARBOOK

Grade: 11, 12

Elective

1 or 2 Semesters

1/2 credit per semester

Course Objectives

- To demonstrate teamwork, responsibility, and brainstorming
- To understand journalism skills involved in the production of the yearbook such as reporting, writing, headlines, captions, editing, photography, typography
- To plan content, coverage, concept, design, and graphics of the yearbook
- To design a yearbook campaign including advertising
- To be fully versed in areas of publication production
- To apply those skills to the actual production of the school's yearbook

YEARBOOK EDITOR

Grade: 11, 12

Elective

1 or 2 Semesters

1/2 credit per semester

Prerequisite: Yearbook

Course Objectives

- To use knowledge and experience gained in Yearbook to act as an advisor and assist in the supervision of yearbook staff
- To demonstrate teamwork, responsibility, and brainstorming
- To understand journalism skills involved in the production of the year-book such as reporting, writing, headlines, captions, editing, photogra-phy, typography
- To plan content, coverage, concept, design, and graphics of the yearbook
- To be fully versed in areas of publication production
- To apply those skills to the actual production of the school's yearbook

Dual Credit Courses

What is Dual Credit/Dual Enrollment?

Dual Credit (DC) is when high school students earn high school credit and college credit through the same course. Options include courses on the college campus, options in the high school when a dual certified instructor is available, and online. These courses satisfy the State of Kentucky graduation requirements while also allowing eligible students to begin earning credits on a college transcript. Students are able to select courses from partnering college/universities' Schedule of Courses.

Why Dual Credit?

Dual Credit allows high school students the opportunity to free space and time in college for internships, additional majors/minors, study abroad, and/or graduate early while offering rigorous academic challenges similar to AP. However, unlike AP, which requires a passing score on the end exam to earn college credit, DC guarantees college credit with an overall grade of C or higher. Both teach great study and prep skills with high academic rigor.

Our Partnership with Area Colleges/Universities

Newport Central Catholic partners with Thomas More University, Northern Kentucky University, and Gateway Community College to maximize students' opportunities in regards to Dual Credit.

Transferability

For students who plan to attend a public college in the state of Kentucky, classes will transfer as General Education credit. If your desired school is private or outside of Kentucky, students are encouraged to verify with that institution to determine transferability.

Program Eligibility

Dual Credit opportunities are available to Newport Central Catholic juniors and seniors who meet the criteria of each participating college/university. Graduation requirements will be followed first. Families must be making an effort to meet financial obligations to Newport Central Catholic to be eligible for Dual Credit courses beyond the two free courses available through the KHEAA scholarship. Students' who owe credit recovery are not eligible for Dual Credit. Newport Central Catholic hosts a Dual Credit information night for potentially interested students and their families. All courses will be approved on a case by case basis.

Thomas More University

- Students must have a 3.5 unweighted GPA and must meet any prerequisites or have written permission from the professor and department chair
- Students who do not have a 3.5 GPA may write a letter with guidance counselor approval and teaching recommendations requesting special permissions
- Once enrolled, students must maintain a 2.0 GPA in each course to remain eligible

Northern Kentucky University

- Students must have a 3.0 unweighted GPA, a composite ACT score of 20+, and must meet any prerequisites
- Students who have not taken the ACT may take classes based on GPA only at the discretion of Newport Central Catholic
- Once enrolled, students must maintain a 2.0 GPA in each course to remain eligible

Gateway Community College

- Students must have a 2.5 unweighted GPA and must meet any prerequisites
- Students must meet college readiness benchmarks for English AND Reading for enrollment into all non-Math General Education courses
- Students must meet college readiness benchmark for Reading AND the course-specific benchmark for Math courses
- Students who have not taken the ACT may take placement exams at Gateway
- Once enrolled, students must maintain a 2.0 GPA average in Gateway courses to remain eligible

Cost Analysis

Dual Credit courses are cost effective. DC courses are significantly less expensive than enrolling in traditional courses after high school graduation. One 3-credit hour course costs \$216 or \$72 per credit hour (2020-2021) for KY residents. Books must be purchased by the individual students. This is paid to the institution, not to Newport Central Catholic. On campus students may incur an additional expense for parking.

For comparison, the 2018-19 rate of tuition was:

- \$1692 per 3 credit hour class at Thomas More University
- \$1839 per 3 credit hour class at Northern Kentucky University
- \$537 per 3 credit hour class at Gateway Community College

Scholarships are available through KHEAA for Kentucky residents for the first two courses.

Additional Benefits

Dual Credit students have access to all college resources and privileges because they are considered students of that college/university. These include: free tutoring and access to the writing/math center, access to the campus library/gym/rec center, computer network, usage of an email address, access to the college/university grading systems, the ability to attend campus events/sports/performances, the ability to join student groups, and more.

Words of Caution

Students in Dual Credit courses must have time management and study skills to keep up with their college coursework in addition to their high school coursework and extracurricular activities.

Students must be able to advocate for themselves- it is pertinent that students understand THEY must communicate with their professor if they do not understand material or have any issues with the class.

Upon enrolling in DC courses, students will have a college GPA started at that college. If and when a student decides to attend any other college, they will be required to submit this transcript from the college/university.

Poor grades can also impact KEES money earned.

Helpful Hints

Students will receive instructions on how to access grades, however, parents who would like to monitor progress must work with them to get their login information.

Parent access is not granted by the college/university.

For transferability, it is recommended that you contact the college you intend on going to in order to verify how these courses will transfer.

The Newport Central Catholic administration has final approval of all Dual Credit courses.



HIGH SCHOOL DATA SHEET

Use this form to keep track of your activities starting in the ninth grade. List all honors and awards you receive, organizations you join, and offices you hold. If this sheet is updated each year, the activities section of the college application will prove much easier to complete. You may also be able to use these data in a résumé when looking for a job.

HIGH SCHOOL DATA SHEET		Name:		
NCC School Code: 181973	Cumulative GPA:		ACT Scores:	
	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Honors & Awards				
Organizations				
Offices Held				
School Activities				
Outside Activities				
Work Experience <i>(paid or voluntary)</i>				
Service				



INDIVIDUAL GRADUATION PLAN

Students need to give serious consideration to the choice of subjects as they relate to career goals. Parents, teachers, counselors, and persons working in the fields of the student's interest are all in positions to help the student plan a successful high school career.

INDIVIDUAL GRADUATION PLAN			Name: _____		
Date: / /	Grade:	Career Goal 1:		Career Goal 2:	
Subject	Credit	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	4				
Math <i>(Algebra 1, Geometry, Algebra 2, math credit sen year, Financial Literacy)</i>	4				
Science <i>(Integrated Science, Chemistry, Biology)</i>	3				
Social Studies <i>(World History and U.S. History plus Gov't, Econ, and/or Geography - 2 of these)</i>	3				
Health / PE	1				
Fine Arts	1				
Spanish <i>(College Prep)</i>	2				
Theology	4				
Electives					
TOTAL					

NOTES

Act Responsibly, Believe Sincerely, Think Critically, Serve Willingly

NEWPORT CENTRAL CATHOLIC

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