

Cardinal Newman High School

2023/2024



Curriculum Guide

CARDINAL NEWMAN HIGH SCHOOL



Mission Statement

*"The glory of God is the human person fully alive."
-St. Irenaeus*

The Mission of Cardinal Newman High School is to educate the whole person: spirit, mind and body, and to help all students develop their God-given talents according to the gospel values of Jesus Christ.

This edition of the Curriculum Handbook of Cardinal Newman High School is designed to present to students and parents a description of the courses offered for the school year 2023-2024.

It is extremely important to note the information given in this booklet. The academic regulations are important in light of a student's continuing to matriculate at Cardinal Newman; they are also the key to the final goal of our students - graduation. The course descriptions are important not only for the present but also for the future. Many courses have prerequisites which depend upon successful performance in a previous course. Poor achievement in a certain course may have future implications, e.g., it may disqualify a student from enrollment in a future course or from graduation from high school.

The curriculum outlined herein presupposes that a certain number of students will sign up for the courses. Any offering listed which has insufficient registration may be canceled.

*Cardinal Newman High School is accredited by the
Southern Association of Colleges and Secondary Schools.
College Entrance Examination Board Code 101835.*

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GRADUATION REQUIREMENTS

The graduation requirements at Cardinal Newman High School are based on local school policy, standards of the Florida State Board of Education, and the accreditation standards of Florida Catholic Conference EAS-ED, associated with the Southern Association of Colleges and Schools. A student needs a minimum of 28 credits (7 per school year) to graduate from Cardinal Newman high school, 22 of these credits must be completed in core classes of Theology, English, Mathematics, Foreign Language, Science and Social Studies. The other 6 required are chosen from additional cores or the electives offered. Graduation course requirements include:

Theology	4.0 cr	8 semester units		English	4.0 cr	8 semester units
Mathematics	4.0 cr	8 semester units		Foreign Language	2.0 cr	4 semester units
Science ⁺	Min of 3.0 cr	6 semester units		Physical Education**	0.5 cr	1 semester unit
Social Studies ⁺	Min of 3.0 cr	6 semester units		Health Opportunities through PE (H.O.P.E.)*	0.5 cr	1 semester unit
				Performing Arts or Practical Arts	1.0 cr	2 semester units

* 0.5 credit Health Opportunities through P.E. (H.O.P.E.)

A student enrolled in Band for all four years, is excused from H.O.P.E. The course must be completed if the student drops Band or Chorus.

** 1.0 credit Physical Education

Students who participate in a JV or Varsity sport for a minimum of 2 years, are excused from the Physical Education and Health requirement. A student may still take P.E. courses as electives.

+ Science and Social Studies

All CNHS students must complete a minimum of 3 credits in Science and in Social Studies. 2 additional elective credits are required in these departments for a total of 8 credits. The additional 2 credits may be split between Science and Social Studies (1 each) or may be doubled up in either subject.

NOTE: Adjustment of credit requirements will be made for transfer students as necessary. The school reserves the right to determine transferred course levels and weighting factors. Cardinal Newman High School cannot remove credits earned by students at other educational institutes. Students who take high school courses during middle school and transfer those credits must realize that they are beginning a high school transcript that will affect their high school GPA.

Cardinal Newman students are not permitted to graduate before completion of the eighth semester in their senior year.

General Four-Year Curriculum Planning Guide

GRADE 9

- **1.0 Theology** - Old Testament 0.5 (and) New Testament 0.5
- **1.0 English** - CP/Honors
- **1.0 Foreign Language** – Spanish CP/Honors
- **1.0 Math** - Algebra I CP/Honors (or) Geometry CP/Honors (or) Algebra II CP/Honors
- **1.0 Science** - Biology - CP/ Honors
- **1.0 Social Studies** – World History CP/Honors/Pre-AP
- **1.0 Electives** - Band/Chorus (or) Applied Computer Skills 0.5/Speech 0.5 (or) Health/PE 0.5 (or) Theatre 1

GRADE 10

- **1.0 Theology** - Morality/Ethics 0.5 (and) Sacraments and Liturgy 0.5
- **1.0 English** - CP/ Honors
- **1.0 Foreign Language** - Spanish CP/Honors
- **1.0 Math** - Geometry CP/Honors (or) Algebra II CP/Honors (or) Pre-Calculus Honors/AP
- **1.0 Science** - Chemistry CP/Honors/AP
- **1.0 Social Studies** - U.S. History CP/Honors/AP
- **1.0 Electives** - Band/Chorus (or) Speech-Debate (or) Personal Fitness/HOPE 0.5 (or) CSIT Foundation I 0.5 /CSIT Foundation II 0.5 (or) Foundations of Robotics 0.5/Applied Robotics 0.5 (or) Art I Introduction to Visual Art 0.5/Painting 0.5 (or) Drawing I 0.5/Drawing II 0.5 or Theater I (1.0) or Theatre II (1.0)

GRADE 11

- **1.0 Theology** - Catholic Social Teaching 0.5 & History of Christian Thought I 0.5 CP/Dual Enrollment
- **1.0 English** - CP/Dual Enrollment/AP
- **1.0 Math** - Algebra II CP/Honors (or) Pre-Calculus Hons/AP (or) Calculus Honors/AP BC
- **1.0 Science** - Physics CP/Honors/AP
- **1.0 Social Studies** - Economics & American Government CP/Honors or AP American Government and AP Comparative Government
- **2.0 Electives**

GRADE 12

- **1.0 Theology** - History of Christian Thought II 0.5 & World Religions 0.5 CP/Dual Enrollment
- **1.0 English** - CP/Dual Enrollment/AP
- **1.0 Math** – PreCalculus Honors/AP (or) Calculus Honors/AP AB / AP BC (or) Probability & Statistics Honors/AP (or) Mathematics for College Algebra
- **1.0 Science** - Anatomy CP/Honors (or) Marine Science Honors (or) Environmental Science CP/AP (or) AP Chemistry or AP Biology or AP Physics
- **1.0 Social Studies** - Economics CP 0.5 (and) American Government CP/AP 0.5 (or) Human Geography AP
- **2.0 Electives**

General Academic Requirements

Student Grades - Canvas & FACTS

Canvas is an online platform that gives students/parents/guardians secure online access to academic information, including grades, assignments, due dates and syllabi. FACTS is an online student information system that gives students/parents/guardians secure online access to student information including, attendance, discipline, schedules, grades and report cards. Both Canvas and FACTS allow parents and students to check academic progress on demand. An “M” indicates a missing assignment and counts as a 0 in the grade book.

Grading Scale

Courses at Cardinal Newman High School operate on a semester basis. The school reports grades using the alpha characters A, B, C, D, and F. The B, C, and D marks are further qualified using a + qualifier. Although a student may receive an A, the grade of A+ is not included on the grade scale. Parents can check grades at any time on *Canvas or FACTS*.

Semester grades are determined using the following formula: Quarter grade (40%), Quarter Grade (40%), Semester Exam (20%). The final grade for year-long courses is an average of Semester 1 and Semester 2 grades.

A student will receive 0.5 credits in each class that he/she successfully completes each semester. In computing quality points, passing marks in certain classes receive additional weight: honors classes = 0.5 quality point, and AP and Dual Enrollment classes = 1.0 quality points.

Report Card Grades and Numerical Equivalents:

A = 90-100	B+ = 87-89	C+ = 77-79	D+ = 67-69	F = 0-59 (Failure)
	B = 80-86	C = 70-76	D = 60-66	Inc. = Incomplete
				Inc. F = Incomplete/Failure

Quality points are assigned as follows:

A = 4.0	B+ = 3.5	C+ = 2.5	D+ = 1.5	F = 0
	B = 3.0	C = 2.0	D = 1.0	

Incomplete Grades: A student’s work that is incomplete at the end of a grading period must be completed by the end of the 2nd week of the next grading period unless other arrangements have been made with the s respective school counselor and approved by the Administration. After the 2nd week, any incomplete grades will be averaged.

Report Cards & Progress Reports

Report cards are issued at the completion of each quarter and semester through *FACTS*. Since parents and students have the ability to check *FACTS* and Canvas, academic progress, attendance and conduct reports will not be mailed home. Instead, you will receive an email from the registrar when these reports are read to be viewed both during (for progress reports) and after the grading periods (for report cards).

Honor Roll

The Honor Roll is posted at the end of each quarter grading period. The Honor Roll is composed of three levels of recognition based upon achievement using the students unweighted quarter GPA.

<i>Principal's List</i>	<i>1st Honors</i>	<i>2nd Honors</i>
Straight "A's" in all subjects 4.0 uGPA	3.75-3.99 uGPA No grade below a "C" No exceptions, no incompletes	3.50-3.74 uGPA No grade below a "C" No exceptions, no incompletes

Class Rank

Class rank is determined by the cumulative grade point average. In computing both honor roll and class rank averages, passing marks in certain classes receive additional weight: honors classes = 0.5 quality point, and AP and Dual Enrollment classes = 1.0 quality points.

For the purpose of senior awards, including valedictorian and salutatorian, GPA and class ranking are based on records of students who have been enrolled in Cardinal Newman as of the first semester of their sophomore year.

Homework

Students and parents should realize that in addition to written homework, a student has an obligation to study for each class every night. We recommend that a student plan to spend at least 10 minutes per grade level working on homework each night. I.e. 9th grade would be 90 minutes, 10th grade would be 100 minutes etc. If a student is absent for more than two days, he/she should contact the Guidance Counselor or check on-line for assignments.

Course Selection Process

Registration for the following year's courses begins in Catholic Schools week. During this time, students will receive a course selection request form that indicates the courses they have been recommended for. Students are advised to think carefully before choosing their courses for the coming year as that influences course offerings and changes to the schedule are not always possible. Parents are required to sign the student course request sheet indicating their approval of the student's choices. School counselors and college counselors are available for guidance with registration. The Academic Dean in consultation with Department Chairs and Guidance Counselors reviews and approves all decisions concerning a student's schedule and assignment of classes.

If a student would like to register for a course that he/she has not been approved for, the student must submit a "Course Selection Change Request" form. All requests will be reviewed by the academic department chairs, student's school counselor, college counselor, and/or the Academic Dean. If the request is granted, the student will be emailed by his/her counselor with an approval email. All requests must be submitted during the designated registration period.

Schedule Changes

When creating student schedules, our goal is to create a well-balanced academic environment that supports student learning and growth. Once student schedules have been released in July on FACTS, students/parents/guardians may sometimes find it necessary to request changes to their class schedules. While we strive to accommodate these requests, schedule adjustments may cause an entire rearrangement of the students schedule, are not guaranteed and are subject to factors such as course availability, class sizes, course prerequisites and logistical constraints. Therefore, students are advised to think carefully when considering course changes to ensure that they are making well-informed choices that align with your academic goals, minimize potential disruptions, and maximize your chances of success. Therefore, we urge students to engage in open communication with their parents, guardians, and counselors about any potential schedule changes. To initiate a schedule change, students should submit a completed "Course Selection Change Request" form and return it to their school counselor. All requests will be reviewed by the academic department chairs, student's school counselor, college counselor, and/or the Academic Dean. It's important to note that schedule changes cannot be made solely due to teacher preference.

- Students requesting a schedule change may do so during the summer before school begins, at no cost. Schedule changes made in the summer months should be requested through the student's counselor and/or academic dean.
- Once the school year has begun, students may request a schedule change after the start of the school year and will be assessed a \$150.00 fee. This does not apply if the adjustment is initiated by the school. No schedule changes will be allowed after the end of the add/drop period as listed on the academic calendar.
- Requests for schedule changes may be made for the following reasons:
- Incorrect class assignment
 - Graduation requirement
 - Computer error
 - The student has earned that credit previously
 - Level Change (i.e., Advanced Placement, Honors, CP, etc.)
 - No students will be permitted to drop a year long class after the end of the first

semester

Placement in Courses

For 9th grade, course placement is determined by the entrance exam score and its subscores, placement exam scores, percentile ranks on standardized exams taken in grade school, report cards and/or recommendation from the prior school.

Tenth-twelfth grade placement is determined by completion of previous course prerequisites, appropriate standardized test scores, and grades. Parents and students are encouraged to check Canvas and FACTS frequently to monitor grades.

Honors Courses

Honors courses are offered in mathematics, science, English, social studies, world languages, and some electives. To qualify for placement in honors courses, there is a required grade average in a subject and a score in a designated percentile rank on standardized exams. Honors courses receive an additional 0.5 quality point in the GPA calculation in order to reflect the additional challenge of these courses.

Requirements for an Honors course are as follows:

1. 3.0 overall unweighted GPA
2. PSAT score of 450 or higher in the appropriate subject area
3. Completion of all prerequisites noted in the Cardinal Newman Curriculum Guide
4. B or better in an AP/Honors prerequisite course or A or better in a college prep level prerequisite course
5. Teacher recommendation

Dual Enrollment (DE) Courses

Dual-credit courses are offered through St. Thomas University and taught at Cardinal Newman High School during the school year by Cardinal Newman faculty. This program is an opportunity to take challenging courses that become a part of a student's permanent high school and college transcript and grade point average (GPA). There will be a fee for each Dual Enrollment course as determined by each College or University. These credits are generally transferable to other accredited colleges and universities, however, the receiving institution will make the final decision about transferability of courses. The criteria for taking a Dual Enrollment course is as follows:

1. 3.0 overall unweighted GPA
2. PSAT score of 450 or higher in the appropriate subject area
3. Completion of all prerequisites noted in the Cardinal Newman Curriculum Guide
4. B or better in an AP/Honors prerequisite course or A or better in a college prep level prerequisite course
5. Teacher recommendation

Additionally, students have the option of participating in Dual Enrollment courses offered at Palm Beach State College, Palm Beach Atlantic University, or Florida Atlantic University during the summer session. Venturing into dual enrollment courses during summer involves several key steps. Begin by researching available courses offered by partnering institutions. Consult your school's counselors to ensure

alignment with your academic goals and graduation requirements as well as complete the “Dual Enrollment Authorization Request Form”. Follow the application process of the partnering institution, meet deadlines, pay any necessary fees and handle any required assessments. Upon completion of the course, order a transcript from the institution to be sent to the Cardinal Newman High School registrar.

Advanced Placement (AP) Courses

Cardinal Newman High School participates in the national College Board Advanced Placement Program. AP courses are college-level courses taught by our faculty on our campus. Students enrolled in Advanced Placement courses are required to pay and to sit for the end-of- course exam designed by the College Board. College credit may be awarded depending upon the score the student earns and the college or university a student attends. A summer assignment is required for most AP courses, which will be posted on the Cardinal Newman High School Website and will be due the first day of class in August. AP courses are intended to challenge students of outstanding ability. Learning in AP courses is broader and deeper, the pace of instruction faster, and the need for critical thinking and independent inquiry critical. An AP Course Permission Form must be completed and signed by students and parents prior to being enrolled in an AP course.

Given the rigor and pacing of AP courses, Cardinal Newman Students are limited to 4 AP classes each school year. If you feel that you are capable and have adequate time to complete your courses, you may request an appeal form to take additional AP courses. The appeal form can be obtained from your guidance counselor and completion of the appeal form does not guarantee that you will be allowed to take more than 4 AP classes. The appeal process will be reviewed by administration when all forms including the AP Permission Forms and AP Appeal Forms are received with your course selection forms.

The criteria for taking an AP course is as follows:

1. 3.3 overall unweighted GPA
2. PSAT score of 450 or higher in the appropriate subject area
3. Completion of all prerequisites noted in the Cardinal Newman Curriculum Guide
4. B or better in an AP/Honors prerequisite course or A or better in a college prep level prerequisite course
5. Teacher recommendation

Advanced Placement (AP) Course Offerings:

AP English Language & Composition	AP English Literature & Composition
AP Environmental Science	AP Calculus AB
AP Biology	AP Calculus BC
AP Chemistry	AP Statistics
AP Physics	AP US History
AP US History	AP European History
AP US American Government	AP Comparative Government
AP Spanish Language and Culture	AP Psychology

M. Scott Powell Scholar Program

The M. Scott Powell Scholar Diploma is a merit based enrichment program designed to enhance the curriculum of Cardinal Newman's students who show exceptional promise and motivation. This program calls students to approach their studies as analytical learners, and is intended to foster excellence, promote leadership, nurture character development, and encourage service to others. This curriculum prepares scholars to succeed in the most rigorous institutions of higher learning. To graduate with a M. Scott Powell Scholar Diploma, each student must satisfy the following minimum requirements:

Total Credits Earned	28 credits
Number of Honors/AP Courses	<ul style="list-style-type: none"> ● 16 honors and/or APs courses ● 4 honors and/or AP courses per year - at least 3 of which are in the core courses ● 4 AP/DE courses, 2 of which must be taken during the senior year
Math Courses	4 including Pre-Calculus
Science Courses	4 including Biology, Chemistry and Physics (minimum of 2 taken at the Honors/AP level)
History Courses	4 including World History, US History, Economics and American Government (minimum of 2 taken at the Honors/AP level)
World Language Courses	3 credits in Spanish Language Courses
GPA	4.0 cumulative weighted
Grade	No semester grade lower than a B in any subject
Other Requirements	<ul style="list-style-type: none"> ● A substitution of one credit within these departments may be made with the approval of the Academic Dean ● No honor code violations ● Accrue 125 service hours over four years ● Meet all minimum graduation requirements of CNHS ● Participate in at least 2 extra-curricular activities including athletics and clubs

Qualifications:

- **Qualifications for incoming Freshmen**
 - Score at or above the 80th percentile on the High School Placement Exam.
 - Do not score below the 50th percentile on any section of the High School Placement Exam.
 - 80% or above in TerraNova (or another standardized test) in Reading, Math, and English if the HSPT score is unavailable.
 - Exceptional Middle School Grades.
 - All students must maintain exceptional attendance and conduct throughout middle school (applicant's report card required).

- Students who do not qualify as an incoming freshman can be invited and admitted at the end of their freshman or sophomore year. To be invited, the student must:
 - Have a cumulative weighted GPA of 4.0.
 - Have at least 3 honors/AP classes during each prior academic year.
 - Have no grade lower than a B in any subject.
 - Maintain exceptional attendance and conduct records with no honor code violations.
 - Meet or exceed all service requirements and participate in at least 2 extra-curricular activities including athletics and clubs.

- **Academic Requirements to Remain in the Program**
 - Have a cumulative weighted GPA of 4.0 or above.
 - No honor code violations.
 - Maintain semester grades of no less than a B in any subject.
 - Take and complete a minimum of 4 AP, Dual Enrollment, or Honors courses per year.
 - Complete a minimum of 4 AP and/or Dual Enrollment courses by the end of senior year as applicable.
 - Meet or exceed all service requirements per grade level and earn a total of 125 volunteer service hours prior second semester of senior year.
 - Participate in at least 2 extra-curricular activities including athletics and clubs.

- **Probation Allotment:** If a student falls below any of the required criteria an opportunity to correct the situation at the discretion of the Administration on a case-by-case basis will be provided.

Academic Support Services

Cardinal Newman High School offers Accommodation Plans that will provide reasonable accommodations for students with documented learning differences. Students eligible for accommodations are those who have undergone a psychoeducational evaluation and have been found to have a Specific Learning Disability. Documentation must state the specific disability and possible accommodations to meet the needs described. The student is to be diagnosed by a licensed psychologist or in some cases a medical doctor, and the documentation needs to be current within the past three years. The most beneficial times for testing a student with special needs would be in the 8th grade in preparation for the transition to high school and before the Fall of the 10th grade for PSAT/SAT and ACT Tests and College Board documentation. Only the College Board and ACT have the authority to grant extended time for their exams. Documentation does not automatically grant extended time with the College Board or ACT.

Information regarding the appropriate documentation is available from the ESE Coordinator and Guidance counselors. Once received, the appropriate documentation will be contained in the student's confidential personal file and the ESE Coordinator will draw up an **accommodation plan** to be signed by the school, parents and the student. In addition, tutoring sessions held after school may be mandated. In order for the student to be successful, the full cooperation of all persons involved is essential.

Cardinal Newman High School complies with the mandate of Section 504 of the Rehabilitation Act which prohibits discrimination on the basis of disability in certain programs and activities. Pursuant to the requirements of the Rehabilitation Act, Cardinal Newman will make those minor adjustments that can accommodate students with disabilities to the school's educational programs and activities.

The designated 504 coordinator for the Diocese of Palm Beach is John Clark. He can be reached at 561-775-9532. Parents with questions regarding the school's disability accommodations or related items should contact the 504 coordinator.

Parents may file a grievance as to any decisions related to a disability accommodation and request an internal hearing and review by sending a written notice addressed as follows:

Gary Gelo
Diocese of Palm Beach
Superintendent of Schools
9995 North Military Trail
Palm Beach Gardens, FL 33410

The internal hearing and review will seek the prompt and equitable resolution of disability discrimination complaints.

Academic Probation

Students who are unable to demonstrate adequate academic progress are placed on Academic Probation. This contract establishes a plan to assist the student and to impress upon the student the need for academic improvement. Students will be placed on Academic Probation if, in any semester,

- The student has failed two or more courses.
- The student has an unweighted semester GPA below 1.5
- The student has an unweighted cumulative GPA below 2.0.

After consideration by the Academic Review Committee, students who are on academic probation and fail two or more courses in the following semester may be required to withdraw from Cardinal Newman High School. Students on academic probation may be restricted from participating in certain extracurricular activities or events which take away from in-class instruction. Additionally, your child may be required to attend additional academic support sessions or tutoring to receive the necessary guidance and assistance in improving their grades.

Summer School

Grade Remediation for Semester D's:

At Cardinal Newman High School, we offer grade remediation per the Florida statutes. Remediation is allowed for required and elective courses and are limited to replacing a grade of D, with a grade of C or higher, earned subsequently in the same or comparable course. If a student retakes the same or comparable course and meets the grade remediation requirements, then only the new grade is used to compute the student's GPA but the previous course remains on the transcript and the grade is changed to an "X" course flag meaning Exclude from the GPA. Each student may use grade remediation for a maximum of three total credits in grades 9-12. Students must meet with their school counselor to discuss taking courses for grade remediation through the Cardinal Newman High School designated remediation program. Please be aware that once students begin a course, they will receive a grade so they must follow through with the course work. Failure to complete the course by the end of the summer term will result in an F grade being added to the student's transcript.

Semester Failures:

Each year a student is required to take and pass 14-semester credits. Grade remediation in summer school is required for any course failure earned in a semester. All failures must be remediated through the Cardinal Newman High School designated remediation program during summer school. If a student retakes the same or comparable course and meets the grade remediation requirements, then only the new grade is used to compute the student's GPA but the previous course remains on the transcript and the grade is changed to an "X" course flag meaning Exclude from the GPA. Please be aware that once students begin a course, they will receive a grade so they must follow through with the course work. Any remediation for a semester failure must be completed by the end of the summer school term or the student will be administratively withdrawn.

Virtual Courses

Approval for courses taken on the school designated virtual platform comes from the student's school counselor prior to enrollment. Students cannot take courses for advancement that are offered at Cardinal Newman High School. Registration information will be provided by the Counseling Office.

Standardized Tests

Students at Cardinal Newman must take a series of standardized tests throughout their period of enrollment. The PSAT/NMSQT is required for 9th, 10th, and 11th graders. The fees for these tests are included in the students' tuition.

11th and 12th graders are encouraged to take the ACT and the SAT, for which they must register with the company and take on National Test Dates (on Saturdays). SAT and ACT are administered on certain Saturdays throughout the school year. Cardinal Newman High School administers these tests on the assigned Saturday twice a year, in the Fall and Spring. These tests are recommended for both Juniors and Seniors. Students must register online for the SAT and/or ACT. The testing code assigned to CNHS is 101835. Further information about these tests may be obtained in the Counseling Office.

Students must register online as follows:

ACT: www.act.org

SAT: <https://www.collegeboard.org/>

Students are responsible for sending their SAT and ACT scores to their colleges directly from the testing companies – College Board and/or ACT.

Scoir Network

Scoir is a comprehensive website that students and parents can use to help in making decisions about colleges, scholarships, and careers. The platform allows for gathering information related to college admissions and the application process, college search tools, career planning tools, scholarship searches, and pre-college summer programs. Sophomores, juniors, and seniors will also be able to schedule appointments with college representatives visiting Cardinal Newman High School. Parents and students can access this program by logging into the Scoir network <https://app.scoir.com/signin>. Students are introduced to *SCOIR* in the second semester of their freshman year and more information about the Scoir network is available through your students' guidance counselor.

Transcripts

Seniors

Students may obtain official high school transcripts by requesting them through their *Scoir* account. Such transcripts are needed for college applications, scholarships, and summer programs. Transcripts requested for colleges will be sent directly to the college. Requests for transcripts for Scholarships and Summer Programs should be made to the School Counselor. Transcripts will be furnished free of charge. Seniors are responsible for requesting transcripts for dual enrollment from the respective college granting credit. A final transcript will only be sent once all student financial obligations have been met.

Freshmen, Sophomores and Juniors

Students in 9th, 10th or 11th grade who need a transcript for a scholarship or a summer program must see their School Counselor.

Florida Bright Futures Scholarship Program

The Florida Bright Futures Scholarship Program consists of award levels:

- Florida Academic Scholars (FAS)
- Florida Medallion Scholars (FMS)

Each award level has its own academic requirements, award amounts, and funding length. A student may receive funding for only one award; the highest award earned will be selected. In addition to meeting academic requirements, students must also meet the general eligibility requirements for receipt of state aid. Students who meet the eligibility requirements will be registered by the end of January for Bright Futures under the guidance of the Counseling Department and the Registrar. Information regarding the eligibility requirements may be found at <http://www.floridastudentfinancialaid.org/ssfad/bf/bfmain.htm>.

Florida High School Athletic Association Eligibility

Cardinal Newman High School is a member of the Florida High School Athletic Association (FHSAA). The FHSAA has established eligibility rules and policies for participation in interscholastic athletics. All CNHS students must satisfy these requirements to take part in any interscholastic event. CNHS conforms to all FHSAA bylaws, policies, and procedures. General participation guidelines:

- A student must have a cumulative high school grade point average of 2.0 or above (on a 4.0 unweighted scale) at the conclusion of each semester to be eligible for the following semester.
- A student whose cumulative grade point average is below 2.0 (on a 4.0 unweighted scale) shall not be eligible during the following semester.
- Transfer students must contact the Athletic Office for eligibility and transfer guidelines before participation in any athletic practice or competition.
 - Please note that an official transcript must be received by the Cardinal Newman High School Registrar BEFORE the student is eligible for participation.
- Please contact the Athletic Office for all rules and regulations.

NCAA Eligibility

If any student athlete wishes to play a sport at any NCAA Division 1 or 2 university, he or she must register and be certified by the NCAA Eligibility Center. All high school student-athletes should be aware of and understand the NCAA Eligibility Center Rules. The Eligibility Center sets NCAA minimum eligibility standards for incoming freshman student-athletes and determines whether or not they have met those standards. To play at any NCAA Division 1 or 2 university, students MUST register with the Eligibility Center, meet all Eligibility Center requirements, and be certified by the Eligibility Center.

The standards issued by the Eligibility Center are slightly different for Division 1 and Division 2 but are based on the same principles:

1. You must graduate from high school.
2. You must successfully complete all 16 core courses.
 - a. Four years of English
 - b. Three years of math (Algebra 1 or higher)
 - c. Two years of natural/physical science (including one year of lab science if your high school offers it)
 - d. One additional year of English, math or natural/physical science
 - e. Two years of social science
 - f. Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
3. Complete 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.
4. You must have a minimum 2.0 GPA in core courses.
5. You must have a minimum qualifying score on the ACT or SAT

Core courses are the foundation of the Eligibility Center's standards. A core course is any course at the high school that has been reviewed and approved by the NCAA as a course that meets their academic standards.

A student's core course GPA is not the same as the high school GPA. The high school GPA includes all of the courses taken (whether or not they are NCAA approved core courses) and uses your school's grade point system. Your core course GPA is calculated using ONLY the core courses completed and uses the NCAA's "quality points" system.

Review the student's core course GPA with their school counselor, coach, and Athletic Office staff to get an accurate calculation. Students who register, will have access to all the current NCAA guidelines and can receive updates automatically.

SAT/ACT test score requirements vary between Division 1 and Division 2. For Division 2, the test score requirements are the same for every student, regardless of GPA. To meet Division 2 requirements, students must achieve at least 820 on the SAT or a sum score of 68 on the ACT.

For Division 1, a sliding scale is used based on core course GPA. The higher the GPA, the lower the test scores need to be to qualify. Test scores will be calculated using the math and verbal subsections of the SAT and the sum of the math, science, English and reading subsections of the ACT. The writing component of the ACT or SAT will not be used to determine one's qualifying status.

Download the document "Guide for the College-Bound Student-Athlete" from the Eligibility website for more information.

Register with the Eligibility Center at the beginning of junior year in high school.

For all official forms and registration materials visit the NCAA Eligibility Center website or contact them at the address and phone listed below.

NCAA Eligibility Center NCAA Eligibility Center

P.O. Box 7136 Indianapolis, IN 46207

(877) 262-1492 + (317) 223-0700

Call Center Hours: 8:00am-6:00pm EST Mon-Fri

www.eligibilitycenter.org or https://www.nationalscholastic.org/ncaa_clearing_house

2023/2024 Curriculum Guide

Theology Department Course Descriptions

Theology	College Prep/Honors	Advanced Placement
9th Grade	Old Testament (0.5 cr) New Testament (0.5 cr)	
10th Grade	Sacraments & Liturgy (0.5 cr) Morality and Ethics (0.5 cr)	
11th Grade	Catholic Social Teaching (0.5 cr) Honors Catholic Social Teaching (0.5 cr) History of Christian Thought I (0.5 cr) Honors History of Christian Thought 1 (0.5 cr) <i>Option for Dual Enrollment for both honors courses</i>	
12th Grade	History of Christian Thought II (0.5 cr) Honors History of Christian Thought II (0.5 cr) World Religions (0.5 cr) Honors World Religions (0.5 cr) <i>Option for Dual Enrollment for both honors courses</i>	

**Introduction to the Bible (Old Testament)
(210941)**

+Grade Level: 9th
+Credit Value: 0.5

This course covers the Judeo-Christian heritage as expressed in the Old Testament and will cover the history of God's people from creation to election to covenant. It will also examine the Prophetic messages.

New Testament

+Grade Level: 9th
+Credit Value: .05

This course examines and introduces the student to the message of Jesus as seen in the Gospel and lived in the early Christian community. This course will relate the Gospel message to the daily life of the student.

Sacraments/Liturgy

+Grade Level: 10th

+Credit Value: 0.5

This course provides a more mature understanding of Catholic worship. Topics covered include the Mass, sacraments, and individual and communal prayer. Practical experiences of the above will be emphasized so that students will be able to express their relationship with God both privately and in union with other Catholics.

Morality/Ethics (2105350)

+Grade Level: 10th

+Credit Value: 0.5

This course promotes self-understanding in a Christian context and progressive moral and psychological development in daily life. Human growth and development, motivation, personality and behavior, conformity and alienation are some of the topics viewed in the context of the Christian ethical system.

History of Christian Thought I (2105340)

+Grade Level: 11th

+Credit Value: 0.5

The purpose of this course is to supply the student with a general knowledge of the Church's history from Apostolic times up to and including the Renaissance. The student will be introduced to the fact that the Church was founded by Jesus Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. The student will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. The student will learn about the Church's history and about how the Church is led and governed by the successors of the Apostles.

Dual Enrollment History of Christian Thought I: REL 2590

+ Grade Level: 11th

+Credit Value: 0.5

+Prerequisite: Dept. of Religious Studies - B average for previous year's theology courses. College credit dual enrollment - cumulative 3.0 GPA. No exceptions.

This course includes an option for dual enrollment with St. Thomas University, Miami. Eligible students will study the thinking and subsequent theology of the Christian Church from Apostolic times through the Reformation. Three college credits may be earned in the field of humanities for students who choose the dual enrollment option and successfully complete the course.

Catholic Social Teaching (2104350)

+Grade Level: 11th

+Credit Value: 0.5

This course will introduce the student to the Church's social teachings. Students will learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching mission. The student will recognize and understand the obligation of every Christian to actively live out these principles in their everyday lives. The student will also demonstrate the ability to identify community needs and propose solutions through a class service-learning project.

**Dual Enrollment Catholic Social Teaching
(2104350)**

REL 1147

+Grade Level: 11th

+Credit Value: 0.5

+Prerequisite: Dept. of Religious Studies - B average for previous year's theology courses. College credit dual enrollment - cumulative 3.0 GPA. No exceptions.

This course includes an option for dual enrollment with St. Thomas University, Miami. This course will introduce the student to the Church's social teachings. Students will learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and missions. The student will recognize and understand the obligation of every Christian to actively live out these principles in their everyday life. Three college credits may be earned in the field of humanities for students who choose the dual enrollment option and successfully complete the course.

History of Christian Thought II

REL 2591

+ Grade Level: 12th

+Credit Value: 0.5

The purpose of this course is to supply the student with a general knowledge of the Church's history from the Reformation up to and including the Church in the present day. The students will be introduced to major events that have impacted the Catholic Church. This course will follow how the Church navigated faithfully into the modern world.

**Dual Enrollment History of Christian Thought II
REL 2591**

+ Grade Level: 12th

+Credit Value: 0.5

+Prerequisite: Dept. of Religious Studies - B average for previous year's theology courses. College credit dual enrollment - cumulative 3.0 GPA. No exceptions.

This course requires dual enrollment with St. Thomas University, Miami. Eligible students will study the thinking and subsequent theology of the Christian Church from the Counter Reformation to the present. Three college credits may be earned in the field of humanities for students who choose the dual enrollment option and successfully complete the course.

World Religions (2105310)

+Grade Level: 12th

+Credit Value: 0.5

This course introduces the student to the belief systems, cultures, and religious traditions outside the Catholic tradition. The goal of this course is to give the student a better appreciation of his/her own faith as it relates to other major religions of the world. Topics will include (among others): Protestantism, Judaism, Islam, Buddhism and Hinduism..

Dual Enrollment World Religions (2105310)**REL 2300**

+Grade Level: 12th

+Credit Value: 0.5

+Prerequisite: Dept. Of Religious Studies - B average for previous year's theology courses. College credit dual enrollment-cumulative 3.0 GPA. No exceptions.

This course includes an option for dual enrollment with St. Thomas University, Miami. An introduction and broad survey of the major faith traditions of the world, with particular emphasis on the Abrahamic religions of Judaism, Christianity, and Islam, Eastern religious traditions of Hinduism and Buddhism are introduced. Three college credits may be earned in the field of humanities for students who choose the dual enrollment option and successfully complete the course.

Community Service (2104330)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: (0.5 credit upon completion of this four-year program)

The community service program is designed to enrich the lives of our students and the communities in which they live. Through successful completion of the program, the student provides help to others and gains experience through working with a wide variety of non-profit organizations. All students must complete 25 hours of community service per year (100 hours for a student at CNHS four years) with passing evaluations to satisfy the requirements needed to graduate. Complete information for the community service program is available at www.cardinalnewman.com under the Spiritual Life tab on the Home Page.

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English Department Course Descriptions

English	College Prep/Honors	Advanced Placement
9th Grade	English I (1.0 cr) Honors English I (1.0 cr)	
10th Grade	English II (1.0 cr) Honors English II (1.0 cr)	
11th Grade	English III (1.0 cr) Honors English III/Dual Enrollment (1.0 cr)	AP English III (1.0 cr)
12th Grade	English IV (1.0 cr) Honors English IV/Dual Enrollment (1.0 cr)	AP English IV (1.0 cr)

English I (1001310)

- +Grade Level: 9th
- +Credit Value: 1.0
- +Prerequisite: None

This course includes vocabulary development, the fundamental skills of English grammar, the composition of unified paragraphs, and the composition of extended essays. Students are introduced to various literary genres (short stories, novels, non-fiction, poetry, and drama). Instruction includes Research Skills & MLA format.

Honors English I (1001320)

- +Grade Level: 9th FL Pre-AP
- +Credit Value: 1.0
- +Prerequisite: None
- +Note: 7th & 8th grade performance in English/Cardinal Newman Placement Exam and teacher recommendation.

This course includes material in the regular English I course. In addition, emphasis is placed on expository and creative writing, and stresses structure, appropriate sentence variety, oral presentations, and additional reading.

English II (1001340)

+Grade Level: 10th
+Credit Value: 1.0
+Prerequisite: None

Designed to reinforce vocabulary and grammar skills introduced at the freshman level. This course also offers varied techniques for the development of reading skills. In addition, it strongly emphasizes composition skills, especially those needed for the extended essay. Throughout the year students examine and analyze universal themes evident in world literature.

Honors English II (1001350)

+Grade Level: 10th FL Pre-AP
+Credit Value: 1.0
+Prerequisite: Recommendation of current English teacher

This course includes the material in the regular English II course. The subject matter is studied in greater depth and supplementary reading is required. In addition, the students write essays requiring research and documentation.

English III (1001370)

+Grade Level: 11th
+Credit Value: 1.0
+Prerequisite: None

This course examines the development and evolution of the literature of the United States. Students study major literary movements and critically analyze major works. Vocabulary study is also included as a means of improving word knowledge and usage. Research skills and the techniques of writing research papers are taught and practiced throughout the year.

Dual Enrollment English III (1001380)

+Grade Level: 11th
+Credit Value: 1.0
+Prerequisite: Recommendation of current English Teacher

The subject matter includes the regular English III course content in a more accelerated manner. It provides the opportunity for college credit through St. Thomas University. Three college credits may be earned per semester in the field of English for students who choose the dual enrollment option and successfully complete the course.

AP English III (1001420)**AP English Language & Composition**

+Grade Level: 11th
+Credit Value: 1.0
+Prerequisite: Recommendation of current English teacher

This course is designed to challenge advanced students by acceleration of course content. The subject matter includes that of the regular English III course plus additional literary works and a greater emphasis on writing. Students are required to take the Advanced Placement Examination in Language and Composition.

English IV (1001400)

+Grade Level: 12th
+Credit Value: 1.0
+Prerequisite: None

Students in this course participate in a critical study of the origins and development of English language and British literature. Major writers and their works are analyzed. Instruction in formal essay writing is stressed along with the mechanics of language usage. Vocabulary growth is an integral part of this course.

Dual Enrollment English IV (1001410)

+Grade Level: 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of current English Teacher

The subject matter includes the regular English IV course content in a more accelerated manner. It provides the opportunity for college credit through St. Thomas University. Three college credits may be earned in the field of English for students who choose the dual enrollment option and successfully complete the course.

AP English IV (1001430)**AP English Literature and Composition**

+Grade Level: 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of current English teacher

This course is designed to challenge advanced students by acceleration of course content. The subject matter includes that of English IV plus additional literary works and a greater emphasis on writing. Students are required to take the Advanced Placement Examination in Literature and Composition.

Creative Writing I (1009320)

+Grade Level: 11th & 12th

+Credit Value: 1.0

+Prerequisite: None

Creative Writing is designed to help students develop creative expression of their own ideas through the writing of both specific and open exercises. Content may include, but is not limited to, writing original poetry, short stories, one-act plays, satires, and/or a novelette. The course may also include, as determined by student interest, technical aspects of publishing students' work in outside literary publications.

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Social Studies Department Course Descriptions

Social Studies	College Prep/Honors	Advanced Placement
9th Grade	World History (1.0 cr) Honors World History (1.0 cr)	Pre-AP World History (1.0 cr)
10th Grade	US History (1.0 cr) Honors US History (1.0 cr)	AP US History (1.0 cr)
11th Grade	American Government (0.5 cr) Economics with Financial Literacy (0.5 cr)	AP US Government (0.5) AP Comparative Government (0.5)
12th Grade	Elective (from the list below)	
	Law Studies (0.5 cr) Modern World History (0.5 cr) Psychology 1 (0.5 cr) Psychology 2 (0.5 cr)	AP World Hist* (1.0 cr) AP US History (1.0 cr) AP US Gov & Politics (1.0 cr) AP Comp Gov (1.0 cr) AP European History (1.0 cr) AP Macroeconomics (0.5 cr) AP Microeconomics (0.5 cr) AP Psychology (1.0 cr)

World History (2109350)

+Grade Level: 9th
 +Credit Value: 1.0
 +Prerequisite: None.

This course covers world history from 1200 to the present and is designed to aid the student in developing skills of historical analysis and inquiry. These techniques will help the student to approach social, economic, political, and cultural problems met in today's world. Comprehensive in design, the course includes the study of history, philosophy, religion, humanities, art, and literature to demonstrate the ways in which man through the ages has coped with the most pressing issues of his time. Students will acquire critical thinking skills and an appreciation of the aesthetic tradition of which they are a part.

Honors World History (2109320)

+Grade Level: 9th
 +Credit Value: 1.0
 +Prerequisite: Placed by Department based on the High School Placement Exam score

This course covers world history from 1200 to the present. It is designed to convey to the student a chronological understanding of the world's people, events, and institutions by bringing together the various threads of mankind's existence—politics, war, geography, economics, the arts, music, science, philosophy—so the student can develop an integrated historical perspective. Reading independently from college-level materials and analyzing material beyond the factual level is an essential part of the course.

Pre-AP World History (2109415)

+Grade Level: 9th

+Credit Value: 1.0

+Prerequisite: Placed by Department based on the High School Placement Exam score

The Pre-AP World History and Geography areas of focus prioritize the skills fundamental to the study of history and geography in high school, AP, and beyond. This gives students multiple opportunities to think and work like historians and geographers as they develop and strengthen their reasoning skills in history and the social sciences. This course teaches students how to examine sources and data, establish inferences, and ultimately build and critique arguments. Further, this course explores the structures and forces that reflect and shape the regions, communities, governments, economies, and cultures of humanity—helping students develop an organized, meaningful understanding of time and space.

United States History (2100310)

+Grade Level: 10th

+Credit Value: 1.0

+Prerequisite: None

A survey of the history of our nation, U.S. History places emphasis on the period beginning with European colonization to the present. Through a close examination of the American past, students will gain a truer appreciation and understanding of the forces that have shaped our country.

Content covered includes, but is not limited to an understanding of geographic-historic and time-space relationship, changes, and trends in American culture through the centuries, the Civil War as the solution to the secession issue, the technological and urban transformation of the country, and American foreign political development.

Honors United States History (2100320)

+Grade Level: 10th

+Credit Value: 1.0

+Prerequisite: Recommendation of current Social Studies Teacher.

The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction.

AP United States History (2100330)

+Grade Level: 10th

+Credit Value: 1.0

+Prerequisite: Recommendation of current honors or AP Social Studies teacher, 3.3 GPA and 450 PSAT Score in the Reading, Writing and Language Section.

The purpose of this course is to provide the opportunity to develop the analytical skills and factual knowledge necessary to deal critically with the problems, content, and materials of American historical development by focusing on persistent themes and change in history, and by applying historical reasoning to seek solutions to contemporary problems. It is a survey of American history from the age of exploration and discovery to the present. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Students will master a broad body of historical knowledge, demonstrate an understanding of historical chronology, effectively use analytical skills of evaluation, use historical data to support an argument or position, and interpret and apply data from original documents, including graphs, cartoons, and letters.

American Government (2106310)

+Grade Level: 11th
+Credit Value: 0.5
+Prerequisite: None.

In this course, students learn about the structure of government and how it shares power at the local, state, and federal levels. This course also explores founding principles that inspired the Constitution and Bill of Rights, preserving the freedoms that students experience daily.

Students will examine the processes of each branch of government, the election process, and how citizens can impact public policy. The media, interest groups and influential citizens provide examples of how the government can be affected by informed and active participants. Students will examine the U.S. Court system and become a part of the process by participating in the judicial decision-making process. They will also discover ways the United States interacts with countries around the world, through domestic policy, foreign policy, and human rights policy.

Honors American Government (2106320)

+Grade Level: 11th
+Credit Value: 0.5
+Prerequisite: Recommendation of current Social Studies Teacher.

The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content should include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

Economics with Financial Literacy (2102335)

+Grade Level: 11th
+Credit Value: 0.5
+Prerequisite: None.

The purpose of this course is to provide students with the knowledge and decision-making tools necessary for understanding how society organizes its limited resources to satisfy its wants. Students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. The content should include but not be limited to the following: currency, banking, and monetary policy; the fundamental concepts relevant to the major economic systems; the global market and economy; major economic theories and economists; the role and influence of the government and fiscal policies; economic measurements, tools, and methodology; financial and investment markets; and the business cycle.

Honors Economics with Financial Literacy (2102345)

+Grade Level: 11th
+Credit Value: 0.5
+Prerequisite: Recommendation of current Social Studies Teacher.

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content will include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

AP United States Government and Politics (2106420)

+Grade Level: 11th

+Credit Value: 0.5

+Prerequisite: Recommendation of current honors or AP Social Studies teacher, 3.3 GPA and 450 PSAT Score in the Reading, Writing and Language Section.

The purpose of this course is to provide students the opportunity to develop a critical perspective on politics and government in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Appropriate concepts and skills will be developed in connection with the following content: an understanding of federalism and the separation of powers; the development of the Constitution; the process of politics; the nature of public opinion; the role of political parties and interest groups; the major formal and informal institutional arrangement of powers; an overview of Florida government, including the state constitution and local government; and the development of civil rights.

AP Comparative Government & Politics (2106430)

+Grade Level: 11th Grade

+Credit Value: .5

+Prerequisite: Recommendation of current honors or AP Social Studies teacher, 3.3 GPA and 450 PSAT Score in the Reading, Writing and Language Section.

The AP Comparative Government and Politics course explores the fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. This course will aim to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to evaluate the importance of global political and economic changes.

AP Macroeconomics (2102370)

+Grade Level: 12th

+Credit Value: 0.5

+Prerequisite: Recommendation of current honors or AP Social Studies teacher, 3.3 GPA and 450 PSAT Score in both the Reading, Writing and Language Section and the Mathematics Section.

The purpose of this course is to provide the opportunity for students to gain a thorough understanding of the principles of economics that apply to an economic system as a whole. Particular emphasis will be laid upon the study of national income and price determination and developing students' familiarity with economic performance measures, economic growth, and international economics. Students will study comparative advantage to determine the basis on which mutually advantageous trade can take place between countries. Appropriate skills will be developed around the concepts of gross national product, gross domestic product, monetary vs. fiscal policy, aggregate demand and aggregate supply, and various aspects of international finance. Reference should be made to the current Advanced Placement course description for Macroeconomics published annually by the College Board.

AP Microeconomics (2102360)

+Grade Level: 12th

+Credit Value: 0.5

+Prerequisite: Recommendation of current honors or AP Social Studies teacher, 3.3 GPA and 450 PSAT Score in both the Reading, Writing and Language Section and the Mathematics Section.

AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

COLLEGE PREP ELECTIVES AVAILABLE:

Contemporary History (2109350)

+Grade Level: 12th Grade

+Credit Value: 0.5

+Prerequisite: None

The primary emphasis for the Contemporary History course pertains to the study of the development of the contemporary world within the context of history in order to analyze current events. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. Content includes, but is not limited to, world events and trends in the 20th and 21st centuries with emphasis on the past two decades, historical antecedents of contemporary political, social, economic and religious issues, impact of religious thought on contemporary world issues, interaction among science, technology and society, influence of significant historical and contemporary, figures and events on the present, and projection of current trends and movements.

Law Studies (2106350)

+Grade Level: 12th Grade

+Credit Value: 0.5

+Prerequisite: None

The goal of this course is to introduce students to practical law. The curriculum will expose students to both criminal and constitutional law, with an emphasis on constitutional law as it relates to the Civil Rights Movement. Students will not only learn laws and legal procedures but will also develop problem-solving skills that are necessary for survival in today's society. Students will analyze case studies and participate in mock trials and role-plays. as well as use local community resources to gain knowledge about the legal and political systems.

Psychology 1 (2107300)

+Grade Level: 12th Grade

+Credit Value: 0.5

+Prerequisite: None

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this first introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

Psychology 2 (2107310)

+Grade Level: 12th Grade

+Credit Value: 0.5

+Prerequisite: Psychology 1

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this second introductory course includes statistical research, psychobiology, motivation and emotion, sensation and perception, states of consciousness, psychological testing, and social psychology.

ADVANCED PLACEMENT ELECTIVES AVAILABLE:

AP European History (2109380)

+Grade Level: 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of current honors or AP Social Studies teacher, 3.3 GPA and 450 PSAT Score in the Reading, Writing and Language Section.

This Advanced Placement course in Modern European History follows the course description as outlined by the College Board. This course is designed to build on the student's knowledge of the factual narrative: (1) An understanding of the principal themes in modern European history, (2) An awareness of the world, and (3) An ability to analyze historical evidence. The chronological period begins with the high Renaissance and concludes with the present. The course focuses on political and diplomatic history, intellectual and cultural history, and social and economic history.

AP Psychology (2107300)

+Grade Level: 12th Grade

+Credit Value: 1.0

+Prerequisite: Recommendation of current honors or AP Social Studies teacher, 3.3 GPA and 450 PSAT Score in the Reading, Writing and Language Section.

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts' principals, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Reference should be made to the current Advanced Placement course description for Psychology published annually by the College Board.

2023/2024 Curriculum Guide

Foreign Language Department Course Descriptions

State universities in Florida, as well as many other colleges and universities, require two consecutive years of a foreign language for admission. Two years of study of the same foreign language is required for entrance to a four-year university. Some universities may require more than two years. If a 9th grade student enters Cardinal Newman with a high school credit in Foreign Language or has passed the Language Placement test, he/she is placed in the next year of that language, and in the 10th grade must continue on with the following language course. In other words *two full years of foreign language studies completed in high school are Cardinal Newman graduation requirements.*

Foreign Language	College Prep/Honors	Advanced Placement
9th Grade	Spanish I (1.0 cr) Honors Spanish I (1.0 cr)	
10th Grade	Spanish II (1.0 cr) Honors Spanish II (1.0 cr)	
11th Grade	Spanish III (1.0 cr) Honors Spanish III (1.0 cr)	
12th Grade	Spanish IV (1.0 cr) Honors/DE Spanish IV (1.0 cr)	AP Spanish Lang. (1.0 cr)

Spanish I (0708340)

+Grade Level: 9th, 10th, 11th
 +Credit Value: 1.0
 +Prerequisite: None

This course is an introduction to the Spanish language. Students are expected to master the Spanish sound system and elementary grammar. A basic command of the language and of the four skills (listening, speaking, reading, and writing) is developed with emphasis on communication skills. The student is exposed to Hispanic culture and everyday conversation through the use of audio-visual materials.

Honors Spanish I (0708800)

+Grade Level: 9th, 10th, 11th
 +Credit Value: 1.0
 +Prerequisite: Consideration based on performance on placement exam, as well as recommendation of previous school.

This course includes the material in the regular Spanish I course. Additionally, the grammatical concepts are studied in greater depth and there is more emphasis placed on oral and written communication, written essays and on reading short literary selections. **Students do NOT need to know Spanish to be considered for this course.**

Spanish II (0708350)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

Prerequisite: Placement Exam or high school Spanish 1 credit.

Aural/Oral development of proficiency in the language is continued in this course with increased emphasis upon reading, writing, and communication skills. Basic grammatical concepts begun in the first year are completed. The student is exposed to Hispanic culture and everyday conversation through the use of audio-visual materials.

Honors Spanish II (0708810)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of the Spanish I/IH teacher, High school credit or Placement Exam.

This honors course is the second in a series of courses offered in preparation for the Advanced Placement and Dual Enrollment classes where college credit may be earned. The grammatical concepts are studied in greater depth and there is more emphasis on oral communication and in writing essays. Some short literary selections may be studied.

Spanish III (0708360)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of Spanish II teacher

At this level, the grammatical concepts learned in the first two years are stressed. Emphasis is placed on improving the student's conversational skill by learning how to communicate in typical daily-life situations. Brief compositions will be written on related topics. A broader vocabulary will be acquired. The culture of Spanish speaking countries is studied using literature, videos, music, art, and special reports.

Honors Spanish III (0708820)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of Spanish II/Spanish II Honors teacher

This honors class is the third course offered in preparation for the AP Spanish Language and Dual Enrollment classes. This course includes the material in the regular Spanish III course. The grammatical concepts are studied in greater depth with more emphasis on oral communication, writing, and reading. This course is conducted in the target language as much as possible.

Honors Spanish IV (0708370)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of Spanish III Honors teacher; 3.0 GPA required.

The objectives of this course are to provide the student with an opportunity to make use of the grammatical concepts and vocabulary learned at the previous levels and to acquire theme-based vocabulary. Reading, composition, and conversation are stressed. The culture of Spanish speaking countries is studied using literature, films, videos, music, art, and special projects.

Dual Enrollment Spanish IV (SPN 1101)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Dual Enrollment: 3 credit classes per semester may be earned through St. Thomas University

+Fee for dual enrollee is required to be paid to St. Thomas University

+ Prerequisite: Recommendation of Spanish III Honors teacher; 3.3 GPA required.

The objectives of this course are to provide the student with an opportunity to make use of the grammatical concepts and vocabulary learned at the previous levels and to acquire theme-based vocabulary. Reading, composition, and conversation are stressed. The culture of Spanish speaking countries is studied using literature, films, videos, music, art, and special projects. Students will be dual enrolled at St. Thomas University, where they can earn 3 college credits per semester upon successful completion of the course and the semester exam.

AP Spanish Language (0708400)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: Recommendation of Spanish III Honors or IV Honors teacher

This course emphasizes composing expository passages and the comprehension of formal and informal spoken and written Spanish, as well as expressing ideas orally with accuracy and fluency. A secondary focus will include a strengthening of overall grammar skills. Students are required to take the Advanced Placement Examination in the Spanish Language. College credit may be obtained for this course by a successful grade on the AP Spanish Language Exam.

SPANISH DEPARTMENT COURSE SEQUENCE

Students currently enrolled in...	...have the option to take....
Spanish I	Spanish II *Spanish II Honors (with teacher recommendation)
Spanish I Honors	Spanish II *Spanish II Honors (with teacher recommendation)
Spanish II	Spanish III (with teacher recommendation) *Spanish III Honors (with teacher recommendation)
Spanish II Honors	Spanish III (with teacher recommendation) *Spanish III Honors (with teacher recommendation)
Spanish III	Spanish IV Honors (with teacher recommendation)
Spanish III Honors	Spanish IV Honors (with teacher recommendation) AP Spanish Language (with teacher recommendation)
Spanish IV Honors	AP Spanish (teacher recommendation)

An incoming freshman will be placed in a Level I class unless they show mastery of the language through our Foreign Language Placement Exam or receive high school credit from his/her middle school's **certified** high school Level I class.

* Placement in an Honors Class is based upon cognitive English language ability and work ethic.

** A bilingual student will be placed in Level I unless, through the placement exam, he/she demonstrates the ability to be placed in Level II or higher.

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Mathematics Department Course Descriptions

For graduation, Cardinal Newman High School requires four (4) years of mathematics taken while in high school. If a 9th grade student enters Cardinal Newman with one or more high school Mathematics credits, he/she is placed in the next course in the mathematics progression and will continue taking math courses through their senior year. In other words *four (4) full years of mathematics courses completed in high school are Cardinal Newman graduation requirements.*

Mathematics	College Prep/Honors	Advanced Placement
9th Grade	Algebra I (1.0 cr) Honors Algebra I (1.0 cr)	
10th Grade	Geometry (1.0 cr) Honors Geometry (1.0 cr)	
11th Grade	Algebra II (1.0 cr) Honors Algebra II (1.0 cr)	
12th Grade	Math for College Liberal Arts (1.0 cr) Honors Pre-Calculus (1.0 cr)	
	Honors Probability & Statistics (1.0 cr) Honors Calculus (1.0 cr) AP Probability & Statistics (1.0 cr) AP Calculus AB (1.0 cr) AP Calculus BC (1.0 cr) Math for College Algebra (1.0 cr)	

Algebra I (1200310)

+Grade Level: 9th
+Credit Value: 1.0
+Prerequisite: None

This course places emphasis on the structure and use of modern algebra. Specific areas of study include the language of algebra, real numbers, systems of equations and inequalities, polynomials, factoring, graphs, and problem solving, and an introduction to irrational numbers. A TI-84 Plus Graphing Calculator is required.

Honors Algebra I (1200320)

+Grade Level: 9th
+Credit Value: 1.0
+Prerequisite: None
+Note: Placement is based on performance in 7th & 8th grades math, HSPT scores, and teacher recommendation.

In Algebra 1 Honors all materials in Algebra 1 is covers as well as a deeper focus on extending the Laws of Exponents to include rational exponents and solving quadratic equations in one variable and systems of linear equations and inequalities in two variables. A TI-84 Plus Graphing Calculator is required.

Geometry (1206310)

+Grade Level: 9th, 10th, 11th,

+Credit Value: 1.0

+Prerequisite: Algebra I and teacher recommendation

The traditional topics of Euclidean Geometry are used as a basis for teaching formal deductive reasoning. Congruence, similarity, the properties of polygons, parallel and perpendicular lines, and circles are the basic manipulative ideas mastered in this course. An introduction to trigonometry will be presented.

Honors Geometry (12006320)

+Grade Level: 9th, 10th, 11th

+Credit Value: 1.0

+Prerequisite: H Algebra I with a 80% (or higher) or Algebra I with an 90% (or higher) and teacher recommendation. Additionally, students must have at least 85% score or better on the current year's standardized math test.

In Geometry Honors, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.

Algebra II (1200330)

+Grade Level: 9th, 10th, 11th

+Credit Value: 1.0

+Prerequisite: Algebra I along with current math teacher recommendation.

In Algebra 2, instructional time will emphasize five areas: (1) extending arithmetic operations with algebraic expressions to include radical and rational expressions and polynomial division; (2) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential and logarithmic; (3) building functions using compositions, inverses and transformations; (4) extending systems of equations and inequalities to include non-linear expressions and (5) developing understanding of the complex number system, including complex numbers as roots of polynomial equations. A TI-84 Plus Graphing Calculator is required.

Honors Algebra II (1200340)

+Grade Level: 9th, 10th, 11th

+Credit Value: 1.0

+Prerequisite: Algebra I (Regular or Honors), along with teacher recommendation. Students must have at least an 80% average in Honors Algebra 1 or 90% average in Algebra 1. In addition, students must receive an 80% (or better) score on the current year's standardized math test.

This course presents an in-depth study of the structure of algebra with emphasis on theory, proof and development of formulas and their applications. Topics will include polynomial and rational expressions, functions, relations, exponents, logarithms, complex numbers, conic sections, sequences, series, probability theory and matrices. A TI-84 Plus Graphing Calculator is required.

Mathematics for College Algebra (1200710)

+Grade Level: 12th only

+Credit Value: 1.0

+Prerequisite: Algebra I, Geometry, and Algebra II, along with teacher recommendation.

This course is targeted for students that need instruction in content to prepare them for success in college level mathematics. Contents include, but are not limited to developing fluency with the Laws of Exponents with numerical and algebraic expressions; extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; inverse and composition of functions. A TI-84 Plus Graphing Calculator is required.

Honors Pre-Calculus (1202340)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Geometry or H Geometry and Algebra II, or H Algebra II, with teacher recommendation. Students must have at least a B in H Algebra II, or an A in regular Algebra II. In addition, students must receive an 80% (or better) score on the current year's standardized math test.

The aim of this course is to prepare students for calculus. Contents include, but are not limited to polynomials, rational exponents, inverse, logarithmic and circular functions, matrix algebra, sequences and series, mathematical induction, vectors, theory of limits, conic sections, and polar coordinates. A complete study of trigonometry is included. A TI-84 Plus Graphing calculator is required.

AP Pre-Calculus (1202305)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Geometry (CP or Honors) and Algebra II (CP or Honors), with current math teacher recommendation. Students must have at least a B in H Algebra II, or an A in regular Algebra II. In addition, students must have a 3.3 GPA and a 450 (or better) score on the most recent PSAT mathematics section.

In AP Precalculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. This course prepares students for other higher-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. A TI-84 Plus Graphing calculator is required. AP students are required to take the AP Exam in May.

Honors Calculus (1202300)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: Pre-Calculus (Honors or AP) with an 85% (or higher) average in Pre-Calculus or an 80% (or higher) average in AP Pre-Calculus and current math teacher recommendation.

The purpose of this course is to provide a foundation for the study of advanced mathematics. Content will include: elementary functions, limits, and continuity, derivatives, differentiation, anti-derivatives, the definite integral and applications of the integral. A TI-84 Plus Graphing Calculator is required.

AP Calculus AB (1202310)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Pre-Calculus (Honors or AP) with an 85% (or higher) average in Pre-Calculus or an 80% (or higher) average in AP Pre-Calculus and current math teacher recommendation. In addition, students must have a 3.3 GPA and a 450 (or better) score on the most recent PSAT mathematics section.

The purpose of AP Calculus AB is to study elementary functions and the general theory and techniques of calculus. Content will include but is not be limited to: properties of functions, application of limits, finding derivatives of algebraic, trigonometric, exponential and logarithmic functions, inverse functions, differentiability and continuity, applying derivatives, finding antiderivatives, techniques of integrations, applying integration techniques to find the area under a curve, distance along a curve and volume of a solid of revolution. A TI-84+ graphing calculator will be required for this course. AP students are required to take the AP Exam in May.

AP Calculus BC (1202320)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: AP Calculus AB with an 80% (or higher) average and current math teacher recommendation. In addition, students must have a 3.3 GPA and a 450 (or better) score on the most recent PSAT mathematics section.

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically and verbally while using definitions and theorems to build arguments and justify conclusions. During this course, students will continue the study of all topics in the AP Calculus AB course. Additionally, they will explore series, polar coordinates, parametric equations and vectors. A TI-84+ graphing calculator will be required for this course. AP students are required to take the AP Exam in May.

Honors Probability and Statistics with Applications(1210300)

+Grade Level: 11th & 12th

+Credit Value: 1.0

+Prerequisite: Pre-Calculus (Honors or AP) with an 80% (or higher) average or Honors Algebra II with an 85% (or higher) average and current math teacher recommendation.

The purpose of this course is to explore descriptive and inferential statistics including the concepts of probability. Topics will include frequency distributions and graphs; measures of central tendency, position, and variation; counting techniques including permutations and combinations; classical and empirical probability; discrete probability distributions; normal distributions; confidence intervals; hypothesis testing; testing the differences between means, variances, and proportions; correlation and regression; and sampling and simulation. A TI-84 plus Graphing calculator is required.

AP Statistics (1210320)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: Pre-Calculus (Honors or AP) with an 85% (or higher) average in Pre-Calculus or an 80% (or higher) average in AP Pre-Calculus and current math teacher recommendation. In addition, students must have a 3.3 GPA and a 450 (or better) score on the most recent PSAT mathematics section.

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course. A TI-84+ graphing calculator will be required for this course. AP students are required to take the AP Exam in May.

MATHEMATICS DEPARTMENT COURSE SEQUENCE

Students Currently Enrolled in typically take*
<i>Algebra I</i>	<p><i>Geometry Honors:</i> If a student's Algebra I grade is $\geq 90\%$ or Honors Algebra 1 grade is $\geq 80\%$, and current math teacher recommendation.</p> <p>Geometry: If a student's grade does not reflect above.</p>
<i>Algebra I Honors</i>	<p><i>Geometry Honors:</i> If a student's Algebra I grade is $\geq 90\%$ or Honors Algebra 1 grade is $\geq 80\%$, and current math teacher recommendation.</p> <p>Geometry: If a student's grade does not reflect above.</p>
<i>Geometry</i>	<p><i>Algebra II Honors:</i> Algebra I grade is $\geq 90\%$ or Honors Algebra 1 grade is $\geq 80\%$, and current math teacher recommendation.</p> <p>Algebra II: If a student's grade does not reflect above.</p>
<i>Geometry Honors</i>	<p><i>Algebra II Honors:</i> Algebra I grade is $\geq 90\%$ or Honors Algebra 1 grade is $\geq 80\%$, and current math teacher recommendation.</p> <p>Algebra II: If a student's grade does not reflect above.</p>
<i>Algebra II</i>	<p><i>AP Pre-Calculus:</i> Algebra II grade is $\geq 90\%$ or Honors Algebra II grade is $\geq 80\%$, and current math teacher recommendation. In addition, students must have a 3.3 GPA and a 450 (or better) score on the most recent PSAT mathematics section.</p> <p><i>Honors Pre-Calculus:</i> Algebra II grade is $\geq 75\%$ or Honors Algebra II grade is $\geq 70\%$, and current math teacher recommendation.</p> <p>Math for College Algebra: Seniors ONLY whose grade does not reflect above and teacher recommendation.</p>
<i>Algebra II Honors</i>	<p><i>AP Pre-Calculus:</i> Algebra II grade is $\geq 90\%$ or Honors Algebra II grade is $\geq 80\%$, and current math teacher recommendation. In addition, students must have a 3.3 GPA and a 450 (or better) score on the most recent PSAT mathematics section.</p> <p><i>Honors Pre-Calculus:</i> Algebra II grade is $\geq 75\%$ or Honors Algebra II grade is $\geq 70\%$, and current math teacher recommendation.</p> <p>Math for College Algebra: Seniors ONLY whose grade does not reflect above and teacher recommendation.</p>
<i>Math for College Liberal Arts</i>	<p>Probability & Statistics: If a student's grade does not reflect above.</p> <p>Math for College Algebra: Seniors ONLY whose grade does not reflect above and teacher recommendation.</p>
<i>Honors Pre-Calculus</i>	<p><i>AP Calculus:</i> If a student's average is $\geq 90\%$ and teacher recommendation.</p> <p><i>Honors Calculus:</i> If a student's average is $\geq 80\%$ and teacher recommendation.</p> <p>AP Statistics: If a student's average is $\geq 85\%$ and with teacher recommendation.</p> <p>Probability & Statistics: If a student's grade does not reflect above.</p>

*Any student who does not fit in any of the above criteria needs to be placed by the Math Department Chair.

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Science Department Course Descriptions

Science	College Prep/Honors	Advanced Placement
9th Grade	Biology (1.0 cr) Honors Biology (1.0 cr)	
10th Grade	Chemistry (1.0 cr) Honors Chemistry (1.0 cr)	
11th Grade	Physics (1.0 cr) Honors Physics (1.0 cr)	AP Environmental Science (1.0 cr) AP Biology (1.0 cr) AP Chemistry (1.0 cr)
12th Grade	Elective (from the list below)	
	Environmental Science (1.0 cr) Anatomy & Physiology (1.0 cr) Honors Anatomy & Physiology (1.0 cr) Honors Marine Science (1.0 cr) AP Environmental Science (1.0 cr) AP Biology (1.0 cr) AP Physics (1.0 cr)	AP Environmental Science (1.0 cr) AP Biology (1.0 cr) AP Physics (1.0 cr)

Biology (2000310)

+Grade Level: 9th

+Credit Value: 1.0

+Prerequisite: Placement based on science entrance exam.

Through a comparison of life systems this year-long course studies molecular, cellular, taxonomic biologies, and provides an overview of basic biological principles. Organisms included in this science are viruses, bacteria, protists, fungi, plants, and animals. Laboratory dissections and experiments are an essential part of the course.

Honors Biology (2000320)

+Grade Level: 9th

+Credit Value: 1.0

+Prerequisite: Placement based on entrance exam and grade.

This year-long course is designed for students planning to pursue an advanced science curriculum. Through a comparison of life systems, this course studies molecular, cellular, and taxonomic biologies. Organisms included in this science are viruses, bacteria, protists, fungi, plants, and animals. Topics will be studied at a greater depth with advanced laboratory reports and projects. Laboratory dissections and experiments are an essential part of the course.

Chemistry (2003340)

+Grade Level: 10th

+Credit Value: 1.0

+Prerequisite: Successfully completed Biology.

This year-long course provides a broad perspective of chemistry. Emphasis is placed on developing a modern concept of the atom; discerning how atoms combine (including bonds, formulas, and equations); using and understanding the gas laws; and studying the behavior of solutions and reactions. Lectures will be supplemented with mathematical applications and laboratory experimentation.

Honors Chemistry (2003350)

+Grade Level: 10th

+Credit Value: 1.0

+Prerequisite: B or higher in H Biology or A in Biology and recommendation from current science teacher.

Offered to students who enjoy science and wish to continue a strong science curriculum, this year-long course builds on previous knowledge of the atom and chemical equations. Emphasis is placed on a modern concept of the atom; discerning how atoms combine; using and understanding the gas laws; studying the behavior of solutions and reactions; thermodynamics; acid/base chemistry; nuclear chemistry and organic chemistry. In addition to lectures, major emphasis is placed on laboratory experimentation and extensive mathematical applications.

AP Chemistry (2003370)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: A or higher in Honors Chemistry, A in Regular Chemistry with recommendation of current teacher and final approval.

Advanced Placement Chemistry is a year-long, college level course that offers students the potential for college credit. The intensive curriculum emphasizes but is not limited to the six "big ideas" of chemistry using both classroom and laboratory studies. The content also includes use of the scientific methods measurement, laboratory apparatus, and safety procedures. Students will perform at least 16 hands-on laboratory experiments which will comprise 25% or more of all instruction. Laboratory sessions will on occasion last two hours and will require students to stay past the end of the regular school day.

All students are required to take the AP Chemistry exam at the end of the course which will give them the opportunity to earn college credit.

Anatomy and Physiology (2000350)

+Grade Level: 11th or 12th

+Credit Value: 1.0

+Prerequisite: Biology and Chemistry

This year-long college preparatory course is designed for the student who wishes to pursue the study of science in college, pre-med, nursing, as well as for the student who has a profound interest in biology. The course provides exploratory and advanced activities in the structure and functions of the components of the human body, including cells and tissue, human body systems, diseases, and genetic disorders. Lab investigations and dissections are an integral part of this course.

Honors Anatomy and Physiology (2000360)

+Grade Level: 11th & 12th; Seniors are to have preference

+Credit Value: 1.0

+Prerequisite: B or higher in Honors Chemistry and Honors Biology or A in Biology and Chemistry and current science teacher recommendation

This year-long college preparatory course is designed for the student who wishes to pursue the study of science in college, pre-med, nursing, as well as for the student who has a profound interest in biology. This course provides exploratory and advanced activities in the structure and function of the human body, including cells and tissues, human body systems, diseases, and genetic disorders. Lab investigations and dissections are an integral part of this course. Topics will be studied at a greater depth, with advanced laboratory reports, projects, and a research paper. Priority for enrollment will be given to seniors.

Marine Science (2002500)

+Grade Level: 11th & 12th

+Credit Value: 1.0

+Prerequisite: Biology and Chemistry

This is a year-long college preparatory course dealing with all aspects of marine science including oceanography, marine geology, marine biology, comparative anatomy, and human impacts on our oceans. The class will follow a lecture format with lab work, projects and presentations, dissection of marine organisms and field study activities.

Honors Marine Science (2002510)

+Grade Level: 11 & 12th; Seniors are to have preference

+Credit Value: 1.0

+Prerequisite: Completion of current Honors Science course with a B or higher, or an A in a regular science course. Recommendation of current science teacher.

This is a year-long college preparatory course dealing with all aspects of marine science including oceanography, marine geology, marine biology, comparative anatomy, and human impact on our oceans. This course is an excellent introduction for students interested in pursuing marine science in college. The class will follow a lecture format with lab work, projects and presentations, dissection of marine organisms and if feasible, field-study activities. A student-generated group research project may be included.

Environmental Science (2001340)

+Grade Level: 11th & 12th

+Credit Value: 1.0

+Prerequisite: Biology and Chemistry

This year-long college preparatory course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The curriculum identifies, analyzes, and evaluates the relative risks of environmental problems, both natural and man-made. Further, the curriculum examines alternative solutions for resolving and/or preventing environmental issues. Laboratory investigation and field work will be an integral part of this course.

AP Environmental Science (APES) (2001380)

+Grade Level: 11th & 12th Seniors are to have preference

+Credit Value: 1.0

+Prerequisite: Completion of a year of Biology and Chemistry with a "B" or higher in Honors Chemistry or an "A" in regular Chemistry. Must be enrolled in Honors Algebra II, Honors Pre-Calculus or higher. Recommendation of current science teacher and final approval.

Students are provided with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students will identify, investigate, and analyze environmental problems, both man-made and naturally occurring, and evaluate the relative risks involved with these problems while examining solutions for preventing and/or resolving them. Units of study will include ecology, geology, biosphere, atmosphere, natural resources, overpopulation, pollution, water and soil analysis, toxicology, sources and flow of energy, and other "consumed" renewable and non-renewable natural resources. APES will include a laboratory and field investigation component. A minimum of 10 hours of community service associated with some environmental impact will be required as part of the course grade. This course will prepare students to take the APES Exam. Priority for enrollment will be given to seniors.

Physics (2003380)

Grade level: 11th -12th

Credit: 1.0

Prerequisite: Successful completion of Chemistry

This course provides students with an introductory study of the theories and laws governing the interaction of matter, energy, and forces. Content includes classical mechanics, sound & light, and electricity & magnetism. Scientific inquiry, through laboratory activities and computer simulations, is an integral part of this course. Students will gain a better appreciation of nature by learning its rules. Laboratory investigations are implemented to help students understand the complexity of physics.

Honors Physics (2003390)

+Grade Level: 11th & 12th

+Credit Value: 1.0

+Prerequisite: Completion of Honors Chemistry and with a B or higher, or an A in Chemistry.

Honors Physics is a year-long college preparatory course designed for students who want to pursue an advanced science curriculum. The course teaches the physical laws of nature from a scientific and mathematical perspective. The course integrates laboratory work and classroom topics to help students understand how the formulas of physics explain the laws of nature that they have come to accept as part of their lives. The first semester deals with mechanics and includes velocity, acceleration, vectors, force, gravity, energy, and work. The second semester deals with electricity, waves, optics, and modern physics. The entire curriculum is based on first presenting a new concept and then explaining the mathematical detail behind that concept. Major emphasis is placed on advanced mathematical calculations and problem solving.

AP Physics 1 (2003421)

Grade level: 11th -12th

Credit: 1.0

Prerequisite: Completed Honors Biology, Honors Chemistry, Honors Algebra 1, and Honors Geometry with an "A" Concurrent enrollment in Honors Algebra II is the minimum, but completion of Honors Pre-Calculus or higher is preferable. Recommendation of current science teacher and final approval.

AP Physics 1 is a very rigorous, algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations, classroom study, and in-class activities, as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy and power, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound.

AP Biology (2000340)

Grade level: 10th -12th

Credit: 1.0

Prerequisite: Completion of a year of Biology and Chemistry with a "B" or higher in Honors or an "A" in regular Chemistry. Recommendation of current science teacher and final approval.

This course is equivalent to a college level course in Biology and will expand on biology and chemistry coursework. Students will cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes – energy and communication, genetics, information transfer, ecology, and interactions.

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Physical Education Department Course Descriptions

Students who participate in a JV or Varsity sport for a minimum of 2 years, are excused from the Physical Education and Health requirement. A student may still take P.E. courses as electives. The course will be shown on the student's transcript as 'Completion of Interscholastic Sports Season 1' and 'Completion of Interscholastic Sports Season 2' with "EX" for the grade (no "credit" is awarded.)

All students participating in a physical education activity class must present a completed physical exam form during the first two weeks of school. All exams must be dated after June 1 of the current school year. Failure to present a current exam during that time will result in loss of points in class.

The Physical Education Department is responsible for the sale and distribution of gym uniforms. Failure to dress out for physical education results in points deducted for that class.

The following courses are being offered by the Physical Education Department. Freshmen are strongly encouraged to take Health Opportunities through P.E. Prior to graduation students are required to take one additional semester PE course.

Physical Education	
9th Grade	HOPE: Personal Fitness (0.5) HOPE: Health (0.5)
10th Grade	Individual & Dual Sports 1 (0.5 cr)
11th Grade	Individual & Dual Sports 1 (0.5 cr)
12th Grade	Team Sports 1 (0.5 cr) Team Sports 2 (0.5) Weight Training I (0.5 cr) Weight Training II (0.5 cr)

Health Opportunities through P.E. (H.O.P.E.) (3026010)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: None

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. This course provides students with opportunities to acquire the knowledge necessary to develop a personal fitness plan that includes core concepts of health-related fitness.

Students will also recognize lifestyle diseases that result from a lack of lifetime fitness and wellness. No single age group is more subject to avoidable health risks, and this course can help teens recognize and avoid these risks. Students will explore various topics that are directly relevant to a teen during the adolescent years. Such subject areas will include, but are not limited to substance abuse, teen sexuality and abstinence, making responsible decisions, mental and emotional health, healthy relationships and responsibility, disease

prevention and control including communicable & non-communicable diseases. NOTE: Any student needing to take only one semester of the H.O.P.E. course (H.O.P.E. Health or H.O.P.E. Fitness) will be scheduled accordingly.

Team Sports I (1503350)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Completion of H.O.P.E.

The purpose of this course is to enable students to acquire knowledge of team sports play, to develop skills in selected team sports, to maintain and/or improve health-related fitness. Content includes instruction in and practice of rules of play, sportsmanship, and teamwork. Team sports selected may include, but not be limited to, basketball, flag football, soccer, volleyball, speedball, and medic ball. Strategies of team sports play, skill acquisition, and the maintenance and/or improvement of personal fitness will be stressed.

Team Sports II (1503360)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Completion of H.O.P.E.

The purpose of the course is to develop the physical skills necessary to be competent in many forms of movement. Knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting are also an integral part of the course. The integration of fitness concepts throughout the content is critical to the success of this course. Students will participate in a variety of team sports including but not limited to badminton, team handball, ultimate frisbee, flag football, kickball, pickleball, basketball, and basic weight training.

Weight Training I, II, III (1501340) (1501350) (1501340)

+Grade Level: 11th, 12th

+Credit Value: 0.5

+Prerequisite: Completion of H.O.P.E.

This advanced strength and conditioning class was designed to provide each student-athlete with the knowledge needed to understand the importance of strength and fitness training. Student-athletes will understand the importance of setting goals for personal improvement and achievement and will leave the class with a lifelong understanding of how to maintain a good training atmosphere. Student-athletes will be expected to learn the location and function of muscle systems in the body. Students will be required to maintain weekly workout logs. The student-athletes will obtain physical fitness for a healthy lifestyle.

**Individual and Dual Sports 1, 2 (1502410)
(15024200)**

+Grade Level: 10th, 11th & 12th

+Credit Value: 0.5

+Prerequisite: Completion of H.O.P.E.

The purpose of this course is to enable students to develop knowledge and skills specified in individual and dual sports and to maintain health related fitness. The content should include, but not be limited to the following: safety practices, rules, terminology, etiquette, history of the sports, sportsmanship, correct techniques in performing skills, consumer issues, benefits of participation, fitness activities, assessment of skills, and fitness assessments. The sports offered may include but not be limited to tennis, table tennis, badminton, pickle ball, golf, juggling, track and field and yoga.

Fitness for Life (1501310)

+Grade Level: 11th & 12th

+Credit Value: 0.5

This class is designed to provide a solid foundation for a healthy lifestyle while understanding the importance of physical fitness. This class will teach the fundamentals of physical activity, growth and development, proper nutrition, and personal safety. The students will engage in various activities to promote a healthy lifestyle, which can be carried on throughout a lifetime. These activities will help students' development physically, mentally, and socially while stressing positive attitudes and sportsmanship.

2023/2024 Curriculum Guide

Practical Arts Course Descriptions

All of the following courses fulfill the Practical Arts requirement.

Practical Arts	
Computer Science	CSIT Foundations I (0.5 cr) CSIT Foundations II (0.5 cr) Computer Science Principles 1 (0.5 cr) Computer Science Principles 2 (0.5 cr) AP Computer Science Principles (1.0)
Robotics	Foundations of Robotics (0.5 cr) Applied Robotics (0.5 cr) Robotics Design (0.5 cr)
Journalism	Journalism I (0.5 cr) Journalism II (0.5 cr)

Applied Computer Skills (8200320)

+Grade Level: 9th
 +Credit Value: 0.5

This course is designed to introduce students to the technology skills and foundations required in today's technology environment. Students will be introduced to Canvas, the school's Learning Management System (LMS), and Renweb, the school's Information System. Emphasis is placed on developing proficiency with desktop computers and tablets and other computer applications, and the use of these programs both in network environments and in the cloud. Students will also be introduced to keyboarding and coding. There will be a component on digital citizenship and responsible use of technology.

CSIT I - CSIT Foundations I (9001210)

+Grade Level: 9th, 10th
 +Credit Value: 0.5

As an introductory course in information technology and computer science, topics include foundations in hardware, software, data, and procedures. Students are introduced to human computer interaction and digital design as well as aspects of appropriate digital business ethics and professional behavior. Interpersonal skills and collaboration/team building are emphasized.

CSIT II - Foundations II (9001220)

+Grade Level: 9th, 10th,

+Credit Value: 0.5

Prerequisite: CSIT Foundations I

In this second course of our Computer Science/Information Technology program, we will introduce students to computing for problem solving and data analysis. It will provide students with opportunities to become “computational thinkers” who collect and analyze data to solve problems or increase efficiency in a variety of processes. Students will evaluate existing data sources, manage large amounts of data efficiently and collect and analyze their own data sets using forms and spreadsheets. The course includes Boolean logic, functions, graphs, and binary computing.

Computer Science Principles 1 (0200305)

+Grade Level: 11th, 12th,

+Credit Value: 0.5

Prerequisite: None

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Computing is so fundamental to understanding and participating in society that it is valuable for every student to learn as part of a modern education. Computer science can be viewed as a liberal art, a subject that provides students with a critical lens for interpreting the world around them. Computer science prepares all students to be active and informed contributors to our increasingly technological society whether they pursue careers in technology or not. Computer science can be life-changing, not just skill training.

Computer Science Principles 2 (0200315)

+Grade Level: 11th, 12th,

+Credit Value: 0.5

Prerequisite: None

This course builds upon the topics developed in Computer Science Principles 1. Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in.

AP Computer Science Principles (0200335)

+Grade Level: 11th, 12th

+Credit Value: 1.0

Prerequisite: CSIT Foundations I and II

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computational thinking. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

AP Computer Science A (0200320)

+Grade Level: 11th, 12th

+Credit Value: 1.0

Prerequisite: Computer Science Principles 1 & 2

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Foundations of Robotics (9410110)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: None

This course provides students with a foundation in the content and skills associated with robotics and automation, including electronics, physics, and principles of engineering. Foundations of Robotics is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and driver controlled mobile robots. Course information will be tied to lab experiments; students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot contest.

Applied Robotics (9410100)

+Grade Level: 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Foundations of Robotics

This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, coding, sensors, electronic devices, engineering technologies, motion physics, electrical motors, and basic block programming. Applied Robotics is a lab-based course that uses a hands-on approach to further develop the basic concepts of robotics, focusing on the construction of mobile robots that are both autonomous and driver controlled. Course information will be tied to lab experiments; students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot contest.

Robotics Design Essentials (9410130)

+Grade level: 11th, 12th

+Credit Value: 0.5

+Prerequisite: Applied Robotics and approval of the Robotics Instructor

This course provides students with extended content and skills essential to the design and operation of robotic systems, including artificial intelligence, advanced coding & programming, electronic applications, engineering technologies, thermodynamics, topographical considerations, simulation and modeling, and specialized sensors. Robotics Design Essential is a lab-based course that uses a hands-on approach to enhance a student's understanding of the concepts of robotics through critical thinking, focusing on the construction of mobile robots that are both autonomous and driver controlled. Students will strengthen their block coding skills and transition to coding in Python. Course information will be tied to lab experiments; students will work in groups to design, build and test their own robot created

to compete in VEX challenges and competitions.

Journalism (I) (1006300)

+Grade Level: 11th, 12th

+Credit Value: 0.5

+Prerequisites: Application, samples of work requested and interview with the journalism teacher. Approval by journalism instructor and/or Fine Arts Department Chair.

This semester elective course is designed to teach students the fundamental principles and concepts of journalism. Through the production of school publications and the yearbook, this course provides opportunities for students to learn and practice the skills needed to gather, write, and edit news copy. Photojournalism skills and habits of responsibility are also emphasized. This course may be repeated.

Journalism (II) (1006310)

+Grade Level: 11th, 12th

+Credit Value: 0.5

+Prerequisite: Application, samples of work as requested and interview with the journalism teacher. Approval by journalism teacher and/or Fine Arts Department Chair.

This semester course is designed to teach students the principles and concepts of yearbook design, layout, and production. Through the production of the school newsletter and yearbook, this course provides opportunities for students to learn and practice the skills needed to gather, write, and edit news copy. Photojournalism skills, advertising techniques, and habits of responsibility are also emphasized. This course may be repeated.

2023/2024 Curriculum Guide

Performing Arts Course Descriptions

All of the following courses fulfill the Performing Arts requirement.

Fine Arts	
Band	Band 1, Honors Band, Honors Band WoodWinds, Honors Band Brass, Percussion, Honors Percussion (1.0 cr each)
Chorus	Chorus I (1.0 cr) Chorus II (1.0 cr) Honors Chorus 5 (1.0 cr)
Performing Arts	Speech (0.5 cr) Debate I (1.0 cr) Debate III Honors (1.0 cr)
Fine Art	Art I - Intro to Visual Art, Painting I, Painting II,, Drawing 1, Drawing II, and Intro to Photography (0.5 cr each), AP Art Studio (1.0 cr)

Speech I (1007305)

+Grade Level: 9th

+Credit Value: 0.5

Speech I is an introductory course in the art of successful public speaking. The student learns to prepare, organize, and present a formal speech. Additionally, the student develops listening skills and is encouraged to give and receive constructive criticism on speaking assignments.

Debate I (1007330)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: permission of Debate Team coach and instructor

This course will develop speech and debate skills specifically for students signed up for and actively participating in the Cardinal Newman debate team. The class will focus on skills for researching, preparing, and participating in the various events provided by the Catholic Forensic League (CFL), the Palm Beach County Catholic Forensic League (PBCCFL), and the National Forensic League (NFL). Enrolled students will be required to actively participate in a minimum of two PBCCFL Saturday tournaments and support members of the CNHS Debate Team. This course may be repeated.

Debate III Honors (1007350)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: Debate I and permission of Debate Team coach and instructor

The purpose of this course is to develop students' enhanced awareness, understanding, and application of language arts as they apply to advanced oral communication concepts and strategies for public debate in a variety of given settings. Some work outside of the regular school day may be required. The class will focus on those skills for researching, preparing, and participating in the various events provided by the Catholic Forensic League (CFL), the Palm Beach County Catholic Forensic League (PBCCFL), and the National Forensic League (NFL). Enrolled students will be required to actively participate in a minimum of two PBCCFL Saturday tournaments and support members of the CNHS Debate Team. This course may be repeated.

Theatre 1 (0400310)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: None

This course is designed for students with little or no theatre experience, and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art. This course may require students to participate in extra rehearsals and performances beyond the school day.

Theatre 2 (0400320)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Theater 1

This course is designed for students with a year of experience or more and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theatre; while improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work. This course may require students to participate in extra rehearsals and performances beyond the school day.

Art I Introduction to Visual Art (0101300)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: None

In this introductory course, students will become more aware of the Elements and Principles of Design in their daily surroundings and, of course, in works of art. They will build a foundation of visual communication skills by working in various media that includes drawing, painting, and three-dimensional forms. Throughout the semester, connections will be explored between art from different cultures and periods in history. This course aims to build artistic confidence and enable each student to recognize their own creative potential.

Drawing I (0104335)

+Grade Level: 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Art I: Introduction to Visual Art

This course introduces the student to right brain techniques of drawing, beginning with direct observation of their environment as we naturally see it in point perspective. Using pencil, charcoal, marker and pastels, students will explore both realistic and non-representational approaches to drawing through a variety of projects. They will also become familiar with master artists from Giotto to John Singer Sargent and Wassily Kandinsky.

Drawing II (0104350)

+Grade Level: 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Drawing I

This course furthers the student's exploration of drawing through an advanced study of subjects, including architectural forms. Students will investigate specific techniques in a variety of drawing media. Experimentation with both realistic and abstract approaches to drawing will be encouraged. Students will also become familiar with master artists from Rembrandt to Picasso and Francesco Clemente.

Introduction to Photography (0108310)

+Grade Level: 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Art I: Introduction to Visual Art

Students explore the aesthetic foundations of art making using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. Students become familiar with the basic mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for display, and evaluating a successful print.

Painting I (0104365)

+Grade Level: 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Art I: Introduction to Visual Art

In this course, the students explore the specific media of paint while developing their understanding of design and color theory. Using watercolor, tempera, and acrylic, students will explore both realistic and non representational approaches through a variety of projects. They will also become familiar with master artists such as Winslow Homer and Jackson Pollock.

Painting II (0104380)

+Grade Level: 10th, 11th, 12th

+Credit Value: 0.5

+Prerequisite: Painting I

This course furthers the student's exploration of painting through an advanced study of subject matter and media. Students will investigate the specific techniques and processes for working with gouache and oil paint. They will experiment with both realistic and abstract approaches to painting. They will also become familiar with master artists such as Monet and William de Kooning.

AP Art Studio /2D (0109350)

+Grade level, 10, 11, 12

+Credit Value 1.0

+Prerequisite: Portfolio/Approval of Teacher

This is a College Board freshman level college course that requires a high level of dedication and motivation in completing close to 20 outstanding art pieces for submission to the AP Portfolio exam at the end of the school year. The 2-D Art & Design Portfolio consists of two different sections: Sustained Investigation and Selected Works. These sections will address design through investigation, design-making and application of the Elements and Principles of Art & Design. Any 2-D media may be used including but not limited to drawing, painting, collage, graphic design, and photography.

Chorus I (1303300)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition

The purpose of this course is to provide students with instruction in the development of fundamental skills in choral singing. Emphasis will be placed on breath control, tone production, music notation, sight singing, ensemble performance and critical listening. The focus of this class will be on developing a school chorus that performs standard and contemporary vocal repertoire and would represent Cardinal Newman in the community. Members of this course will have required practices and performances after school hours throughout the school year. This course may be repeated.

Chorus II (1303310)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition and permission of Chorus Director

This course is a continuation of Chorus I. It is intended for students who have achieved an advanced level of technical and musical vocal proficiency. Emphasis will be placed on further development of breath control, tone production, sight singing, sole and ensemble performance and critical listening. The focus of this class will be on developing a school chorus that performs challenging vocal repertoire and would represent Cardinal Newman in the community. Members of this course will have required practices and performances after school hours throughout the school year. This course may be repeated.

Honors Chorus V (1303340)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: Chorus II and permission of Chorus Director

This year-long, advanced class is designed for students with previous participation in a high school chorus who have demonstrated a capacity for developing advanced listening/aural skills and advanced knowledge of vocal techniques, musical literacy, and choral performance. Chorus V focuses on development and application of these skills and provides opportunities for aesthetic engagement and making individual musical choices, where appropriate, while preparing a variety of high-quality choral literature.

AP Music Theory (1300330)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: Chorus II and permission of Chorus Director

The AP Music Theory course corresponds to typical, introductory college music theory and aural skills coursework. Students learn to recognize, understand, describe, and produce the basic elements and processes of performed and notated music. Course content extends from the fundamentals of pitch, rhythm, timbre, and expression to concepts of harmonic function, phrase relationships, and tonicization. Students study these concepts in heard and notated music, with emphasis on identification and analysis of musical features, relationships, and procedures in full musical contexts. Repertoire for analysis on the AP Music Theory Exam ranges from European Baroque pieces to folk and popular music from across the globe.

Beginning Band I (1302300)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition and permission of Band Director

The purpose of this course is to provide students with instruction in the development of technical skills in the wind instruments. Emphasis will be placed on interpretation of notation and expressive performance markings, individual and ensemble performance, and critical listening. Members of this course will have required practices and performances after and/or before school hours throughout the school year. This course may be repeated.

Honors Intermediate Band (1302310)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition and permission of Band Director

This course is a continuation of Band I. It is intended for students who have already achieved an intermediate or advanced level of technical skill in performance. Emphasis will be placed on further development of technical skill, musicianship, interpretation of notation and expressive performance markings, individual and ensemble performance, critical listening, and ear training. Members of this course will have required practices and performances after and/or before school hours throughout the school year. This course may be repeated.

Honors Advanced Band (1302320)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition and permission of Band Director

This year-long, formative class, designed for students ready to build on skills and knowledge previously acquired in Honors Intermediate Band, promotes the enjoyment and appreciation of music through performance of high-quality, intermediate-level wind and percussion literature. Rehearsals focus on development of critical listening/aural skills, individual musicianship, instrumental technique, refinement of ensemble skills, and aesthetic engagement culminating in periodic public performances. Members of this course will have required practices and performances after and/or before school hours throughout the school year. This course may be repeated.

Band V Honors (1302340)

+Grade Level: 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition and permission of Band Director

This year-long, advanced course, designed for wind and percussion students with extensive experience in solo performance and larger performing ensembles, promotes significant depth of engagement and lifelong appreciation of music through performance and other experiences with sophisticated instrumental music, as well as creativity through composition and/or arranging. The course includes the development of advanced instrumental ensemble techniques and skills, extended music literacy and theory, and deep aesthetic engagement with a broad spectrum of high-quality repertoire, ranging from early music to the contemporary. Musical independence and leadership are particularly encouraged in this setting.

Beginning Percussion (1302420)

+Grade Level: 9th, 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition and permission of Director

The purpose of this course is to provide students with instruction in the development of fundamental skills in percussion. Emphasis will be placed on mallet and stick implementation and on interpretation of notation and expressive performance markings, individual and ensemble performance, and critical listening. Members of this course will have required practices and performances after and/or before school hours throughout the school year. This course may be repeated.

Advanced Percussion (1302430)

+Grade Level: 10th, 11th, 12th

+Credit Value: 1.0

+Prerequisite: Audition and permission of Band Director

This course is a continuation of Beginning/Intermediate Percussion and is intended for students who have already achieved an intermediate to advanced level of technical skill in performance. Emphasis will be placed on further development of technical skill, interpretation of notation and expressive performance markings, individual and ensemble performance, and critical listening. Members of this course will have required practices and performances before and/or after school hours throughout the school year. This course may be repeated.