



John Carroll High School

2023-2024

Academic Handbook

and

Course Catalog

Guidance Team:

- ❖ Assistant Principal of Academics - Mrs. Karen Vercillo
- ❖ Guidance Counselor - Mrs. Melissa McWhorter
- ❖ Academic Support Coordinator - Mrs. Lisa Schilling
- ❖ Dual Enrollment Coordinator - Mrs. Bridget Dodson
- ❖ Registrar - Mrs. Shelley Berdayes

JCHS MISSION STATEMENT

Guided by our Catholic faith and tradition, we recognize Jesus Christ as the model for the whole person we seek to develop. Our mission is to inspire the pursuit of educational excellence, foster character formation, develop a commitment to service, and affirm the dignity of each student entrusted to our care.

JCHS ROOT BELIEFS

At John Carroll Catholic High School, we believe that...

We are all made uniquely in the image and likeness of God.

God created man in his own image, in the image of God he created them. Genesis 1:27

We are called to be a community united in Christ's love.

Love one another as I have loved you. Greater love has no man than this, that a man lay down his life for his friends. John 15:12-13

We love Christ by serving others with joy.

Each of you should use whatever gift you have received to serve others, as faithful stewards of God's grace in its various forms. 1 Peter 4:10

We are always learning.

*An intelligent mind acquires knowledge,
and the ear of the wise seeks knowledge. Proverbs 18:15*

Excellence is intentional.

Whatever you do, work at it with all your heart, as working for the Lord. Colossians 3:23

SHARED PURPOSE

Together we discover our God-given purpose in a sacramental environment where community, service, scholarship, & faith unite.

JCHS CORE VALUES:

Smile ~ Persevere ~ Encourage ~ Listen ~ Love

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JCHS ACADEMIC HANDBOOK

John Carroll High School Accreditation

John Carroll High School is accredited by the Florida Catholic Conference Accreditation Program. CEEB Code is 100527

JOHN CARROLL'S COLLEGE PREPARATORY CORE CURRICULUM

John Carroll's college preparatory curriculum aims to prepare students to be successful at the college level. John Carroll High School is, first and foremost, a Catholic institution; therefore, students are required to take a minimum of 4 credits in theology. JCHS exceeds the Florida Department of Education graduation requirements. Our core college preparatory curriculum provides:

- ❖ A rigorous college preparatory curriculum and the opportunity to enroll in college prep, honors, Advanced Placement, and dual enrollment courses, based on the guidelines and requirements in the school's course catalog
- ❖ College/career counseling through the guidance office, including the creation of a 4-year personalized plan based on a student and family's personal goals and expectations
- ❖ Opportunity for college visits
- ❖ Caring and dedicated teachers committed to the success of each student
- ❖ Built-in time for student support as needed
- ❖ Access to dual enrollment courses through IRSC on our safe and secure campus in a Catholic environment

John Carroll's teachers, guidance counselors, and administration are here to help students achieve their goals. Students are encouraged to take the most challenging courses they can, while maintaining the highest GPA possible. While it is our desire to provide strong support for our students, there is no way to keep up with the many different and ever-changing college and university admission requirements. It is the student's responsibility to ensure the appropriate credits and strength of schedule line up with their choice colleges and universities. When students have their heart set on a particular institution, they must be proactive in reaching out to the admissions office and researching the school's website for application criteria and timelines.

JOHN CARROLL GRADUATION REQUIREMENTS

Religious Studies	4 credits
English	4 credits
Mathematics	4 credits (Algebra I and Geometry required)*
Science	4 credits (Biology required)
Social Studies	4 credits
Foreign Language*	2 credits (3 recommended)
Personal Fitness	½ credit
Freshman Seminar	½ credit
Fine Arts	1 credit Possible options: Art, Band, Choir, Theater, Yearbook, Web Development, Digital Arts)
Electives	3 credits (minimum)
Community Service	Minimum 100 hours

Students must take core classes (English, math, science, social studies, religion) each year while a student at JCHS, even if the student has already earned the requisite credits.

**Please note, at this time, Spanish is the foreign language course offered at JCHS.*

Transfer students: Adjustments of credit requirements may be made for transfer students as necessary. The school reserves the right to determine transferred course levels and weighting factors. John Carroll High School cannot remove credits earned by students at other educational institutions.

Additionally, please note that students who took high school courses in middle school have begun their high school transcript, and those grades are the beginning of their high school GPA.

COMMUNITY SERVICE HOURS - Please Read

At John Carroll, we believe that we serve Christ by serving others with joy, and it is part of our mission to help develop the desire to serve others. As noted in the graduation requirements above, 100 hours of community service is required in order to earn a John Carroll High School Diploma. Of those 100 hours, 50 hours must be outreach hours. Outreach hours are service hours that meet the needs of the poor and marginalized in some manner that aligns with Catholic social teachings. Examples of outreach hours include volunteering at a soup kitchen or packing food boxes at the food bank. Conversely, volunteering for JC's Open House or helping take tickets at a sporting event would not count as outreach hours.

Additionally, while John Carroll does allow paid work hours to be used to meet the service hour requirement for Bright Futures scholarships, we *do not* allow paid work hours to be used for our graduation requirement. However, fulfilling your minimum of 100 hours of community service *will* satisfy both the John Carroll graduation requirement *and* Bright Futures scholarships requirement. Please visit www.johncarrollhigh.com and click on the Campus Ministry tab to learn more.

GRADING AND REPORT CARDS

Report cards are posted to FACTS SIS each quarter (every nine weeks). A serious attempt is made at all times to evaluate, in the best possible manner, the progress of students. The following grading system has been devised for that purpose:

A (90-100): The student is more than meeting the demands of the teacher. His/Her work is on time and is of superior quality. It shows a mastery of the subject matter. He/She has the ability to carry the job through and exerts a positive influence on the class.

B (80-89): The work is above average and well done. The student meets the demands of the teacher and exerts a positive influence on the class.

C (70-79): The student does the required work satisfactorily. The work is on time and is of average quality. The student shows growth.

D (60-69): The student is not doing all of the required work, is dependent on others, is inconsistent, and is uncertain. Work is below average and shows little evidence of growth.

F (59 or below): The work is unsatisfactory. The student has little growth taking place. He/She shows a lack of interest or has irregular attendance habits.

GRADUATION POLICIES

Each student must have completed all graduation requirements, satisfied any disciplinary consequences, and met all financial obligations to participate in the graduation ceremony. Any student who has not met all of the academic requirements but who can fulfill them by attending summer school may participate in the graduation ceremony with the announcement that he/she is receiving a certificate of attendance. Each student must also attend both the Baccalaureate Mass practice and Commencement ceremony practice and the Baccalaureate Mass itself to participate in the commencement exercises.

In addition to academic requirements, participation in the Baccalaureate Mass and commencement exercises is required to earn a John Carroll diploma. The administration reserves the right to prohibit anyone from participating in any commencement activities and/or delay or deny transcript requests.

In order to be valedictorian or salutatorian at JCHS, a student must be enrolled in John Carroll High School for three consecutive years. Students enrolled in full-time dual enrollment courses at IRSC are not eligible for valedictorian or salutatorian honors.

- ❖ For the class of 2024: The senior with the highest cumulative grade point average on the John Carroll weighted grading scale after the second semester and final exam grades have

been calculated will be designated as the valedictorian. The student ranking second will be the salutatorian. Averaging of numerical grades over the four-year high school period will be used in case of a tie.

- The school may invite additional seniors to apply to be an additional class speaker for the commencement ceremony.
- ❖ Beginning with the class of 2025 and thereafter, John Carroll High School will no longer recognize a valedictorian and salutatorian based solely on cumulative grade point average. All students designated as Summa Cum Laude at the end of the first semester of their senior year will be recognized as the valedictorians of their class. One of these valedictorians will be selected as the commencement speaker after completing a thorough application that reflects the school's root beliefs and core values, culminating in a presentation to the school's faculty/staff.

HONORS LEVEL COURSES

Honors courses are offered in English, mathematics, science, social studies, foreign languages, and some electives. High School Placement Test scores, report cards, assessments such as midterm and final exam scores, and attendance records are considered when the enrollment team works on initial placement for incoming freshmen. Honors courses carry a weighted designation. Prerequisites may vary, but all honors-level courses consider maturity level, self-discipline, and self-motivation as characteristics students must possess in order to be recommended. Students struggling in an honors-level class are encouraged to communicate with the teacher to determine appropriate remedies. Teachers also will contact parents if a student's grades are consistently below expectations. Current students are scheduled for honors courses by meeting the prerequisites.

ADVANCED PLACEMENT (AP) COURSES

Admission to Advanced Placement courses is by established prerequisites and teacher recommendations. AP courses are college-level courses for students who have demonstrated they can perform at the college level. These courses are taken on the JCHS campus.

At the end of each course, students must pay the AP exam fee that the College Board sets and sit for the exam written by the College Board. College credit or placement may be awarded depending on the score the student earns and the college or university a student attends. These courses are paid through FACTS Incidental Billing in the spring of each school year. Parents with students taking a number of AP exams should be aware that the cost per exam is approximately \$100. A summer assignment will be required for many AP courses. Assignments will be posted on the John Carroll High School website and will be due the first day of class in August. Please note that while most courses are offered yearly, some AP courses are offered only when there is sufficient student interest.

JCHS Advanced Placement Course Offerings

AP Art 2D AP Biology* AP Calculus AB AP Calculus BC AP Chemistry* AP Computer Science A AP Computer Science Principles AP English Language & Composition AP Literature & Composition	AP Research AP Seminar AP Spanish Language AP Statistics AP US Government AP US History AP World History
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* Offered every other year

PART-TIME DUAL ENROLLMENT (DE) COURSES

Dual Enrollment courses allow high school students to simultaneously earn credit toward a high school diploma and college credit toward an associate or baccalaureate degree at a Florida public college or university. Many important considerations should be weighed carefully before taking DE courses. A mandatory Dual Enrollment Information Session must be attended at JCHS before beginning the process of becoming a DE student. Two information sessions are offered each quarter. Dates for these sessions can be found on our website and Google Calendar.

John Carroll High School has an articulation agreement with Indian River State College. This agreement allows John Carroll to have two dual enrollment courses on our campus. Students may also take one online DE course each semester with an assigned class period to work on DE coursework. Students are not permitted to leave campus during the school day to take classes at IRSC. Additional courses may also be taken online or at IRSC over the summer. All of these courses are offered at no charge to our families.

All core classes (English, math, science, social studies, and religion) must be taken at John Carroll with our teachers; however, students may take core classes at IRSC *in addition to* their core classes at JCHS. Students should not take classes that will count twice, however. For example, a student taking AP Biology at John Carroll should not take the equivalent class at IRSC.

Students should also be very careful and always look ahead to the future college they hope to attend after graduation. It is wise for students to contact the admission offices of their potential colleges and universities and inquire as to their 1) acceptance of dual enrollment credits and 2) whether or not the DE classes meet the student's major requirements, and 3) any other potential conflicts or concerns with the DE courses.

Students' dual enrollment grades are permanent and will follow them through college. These grades could positively or negatively affect their entrance into their major of choice. Earning a C in a DE class may have a negative effect on getting into the student's college of choice.

Students interested in taking college-level courses should be responsible and independent learners. Students with trouble regularly checking emails and struggling to work independently may not be ready for dual enrollment courses. In all circumstances, it is the student's responsibility to follow through with requests made by the JCHS dual enrollment coordinator and requests made by IRSC representatives. IRSC will not entertain parent interference in the collegiate process. The student must be able to advocate for themselves.

Please note all dual enrollment policies may be subject to change due to changes in John Carroll's articulation agreement with IRSC as well as state legislation.

JCHS has very strict deadlines for signing up for IRSC DE classes. JCHS's deadlines differ from IRSC's deadlines. In all cases, students will adhere to JCHS's deadlines.

FULL-TIME DUAL ENROLLMENT

John Carroll High School believes that the opportunity to be a full-time dual enrollment student is a privilege. As such, the school has high standards and expectations for all students who elect to participate in this program. All dual enrollment courses and their grades will appear on the John Carroll transcript.

Students seeking early admission status for full-time dual enrollment must meet the following requirements:

- ❖ Have a 3.0 unweighted JCHS cumulative GPA.
- ❖ Be eligible for college credit for English, reading, and math.
- ❖ Be approved by the JCHS administration for participation.
- ❖ Meet all JCHS graduation requirements. Religion courses must be completed through John Carroll High School as a graduation requirement.
- ❖ Half of the applicable tuition charge will be assessed. The business office will make these arrangements.
- ❖ Read, sign, and abide by the JCHS Dual Enrollment Student Contract.

Full-time dual enrollment students are still considered John Carroll High School students with all rights and responsibilities, **except that they may not hold office in student government, be a class officer, or be valedictorian or salutatorian of their class.** However, they may belong to organizations, be members of sports teams, attend school functions (such as Prom, Grad Bash, etc.), and participate in all graduation activities. The student must keep himself/herself informed about the dates and times of such activities. John Carroll reserves the right to amend the option for full-time dual enrollment at any time. Dual enrollment GPAs will be calculated on the JCHS scale.

Should I take Advanced Placement or Dual Enrollment classes?

Very serious consideration should be given to course selection, particularly when choosing between dual enrollment and advanced placement courses. Students are wise to research their colleges of choice to determine the best path for their particular situation. Please see the chart below for a list of the different attributes of each path before making a decision.

Attributes	Advanced Placement	Part-time Dual Enrollment
Prerequisites	<ul style="list-style-type: none"> ❖ Incoming freshmen: HSPT and grades ❖ 10th - 12th: teacher recommendation, summative assessments, and semester grades. 	<ul style="list-style-type: none"> ❖ Have earned a minimum of four high school credits ❖ Have earned an A or B in the correlating subject ❖ Minimum 3.0 GPA ❖ Minimum passing scores on the PERT (taken at IRSC), SAT, or ACT ❖ Administrative approval
Courses	<ul style="list-style-type: none"> ❖ 18 courses offered on JCHS Campus 	<ul style="list-style-type: none"> ❖ 2 classes offered on JCHS campus during the school year for seniors ❖ Online elective classes offered as independent study at JCHS with a designated class period during the regular school day. ❖ Others classes offered on IRSC campus during the summer
Cost	<ul style="list-style-type: none"> ❖ No cost for the course ❖ There is a \$100 fee to sit for the AP Exam which will be charged through FACTS Incidental Billing 	<ul style="list-style-type: none"> ❖ No cost for the course ❖ No cost for exams
Exams/ Testing	<ul style="list-style-type: none"> ❖ AP exam is required, but is not part of student's grade 	<ul style="list-style-type: none"> ❖ All exams, including final exam, are required and are part of student's grade
College Transcript	<ul style="list-style-type: none"> ❖ AP course grades and exam grades are not a part of the student's college transcript though students can earn credit for passing scores 	<ul style="list-style-type: none"> ❖ Course grades are a part of student's college transcript and may affect the college program a student hopes to enter
College Credit	<ul style="list-style-type: none"> ❖ Grade of 3 or higher on the AP exam earns college credit at some colleges and universities. Others require a 4 or higher. . Students must check with their schools of interest to determine what courses will be accepted as well as the exam grade requirements. ❖ AP exam grades do NOT need to be reported to the colleges if the student does not want/need credit for them. 	<ul style="list-style-type: none"> ❖ Grade of C or higher earns college credit at most Florida public colleges and universities. Students must check out-of-state colleges as to whether the institution accepts dual enrollment transfer credits. Grades MUST be reported to the colleges and become part of the student's official college transcript.

Weighting of Advanced Placement, Dual Enrollment & Honors Courses

Presently, John Carroll uses a conversion scale for quality points at the Honors, DE, & AP levels. . Honors level courses receive a .5 quality point while Advanced Placement and dual enrollment receive a 1.5 quality point.

FLVS COURSES

There are times when it is necessary for a student to take a FLVS class. If a student needs to remediate a grade, he or she may be permitted to take that class via FLVS over the summer. Likewise, if a student wants to accelerate the math sequence, he or she may request to take a math class via FLVS over the summer. Each circumstance is looked at on a case by case basis. Students must fill out an *FLVS Request Form* found at the end of this catalog to begin the process. FLVS grades become part of the student's permanent record and GPA.

Please note: If a student receives state scholarship funds (any scholarships from Step up for Students Scholarships or AAA), those families must know that students will be asked to pay for FLVS courses.

ACADEMIC ACHIEVEMENTS AND ORGANIZATIONS

❖ Honor Roll

- The honor roll is posted at the end of each quarter grading period. The honor roll consists of two levels of recognition based upon achievement.

Principal's List	First Honors
All A's in all subjects	All A's with a maximum of two B's

❖ Valedictorian and Salutatorian

- In order to be valedictorian or salutatorian at JCHS, a student must be enrolled in John Carroll High School for three consecutive years. Students enrolled full-time at IRSC are not eligible for valedictorian or salutatorian honors.
- For the class of 2024: The senior with the highest cumulative grade point average on the John Carroll weighted grading scale after the second semester and final exam grades have been calculated will be designated as the valedictorian. The student ranking second will be the salutatorian. Averaging of numerical grades over the four-year high school period will be used in case of a tie.
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completing a thorough application that reflects the school's root beliefs and core values, culminating in a presentation to the school's faculty/staff.

- ❖ Latin Honors - JCHS' Highest Academic Distinction
 - Beginning with the class of 2023 and thereafter, John Carroll High School will no longer rank students by grade point average. John Carroll will use the following criteria for recognizing academic achievement.

LATIN HONORS	<i>Cum Laude</i>	<i>Magna Cum Laude</i>	<i>Summa Cum Laude</i>
12th and 11th grade	Minimum 3.75 (unweighted), no grade lower than a C, and at least three AP courses or six honors courses	Minimum 3.875 GPA (unweighted), and no grade lower than a B, and at least four AP courses	4.0 GPA (unweighted) and at least five AP courses
10th grade	Minimum 3.75 GPA (unweighted), no grade lower than a C, and four honors courses	Minimum 3.875 GPA (unweighted), and no grade lower than a B, and at least four honors courses and one AP course	4.0 GPA (unweighted) and at least two AP courses
9th grade	Minimum 3.75 GPA (unweighted), no grade lower than a C, and at least two honors courses	Minimum 3.875 GPA (unweighted), and no grade lower than a B, and at least three honors courses	4.0 GPA (unweighted) and at least one AP course

AP/Honors course counts are cumulative over the student's time at JCHS.

- ❖ Excellence Award: Given to the student with the highest grade in each class.
- ❖ Distinction Award: Given to the student who shows a passion for and work ethic in the subject.
- ❖ Various collegiate awards: Given to students selected by a particular college for outstanding achievement in certain fields.
- ❖ President's Award: Given to a standout senior who exemplifies the best qualities of a John Carroll student
- ❖ Principal's Award: Given to a standout senior who has overcome personal challenges while maintaining excellence as a student.

SCHOLARSHIPS FOR COLLEGES AND UNIVERSITIES

Scholarship information is available in the guidance office. A guidance counselor will assist the student with scholarship preparation when possible. However, the student must provide all information and/or documentation required by the scholarship donor. The Guidance Office will send any necessary transcripts with the scholarship application at the student's request.

Bright Futures Scholarship Awards

John Carroll is blessed to have over 25% of our graduating seniors earn Bright Futures scholarships each year. Bright Futures Scholarship recipients receive either 75% or 100% of their tuition paid when they attend a Florida public college or university. John Carroll's guidance office assists students in ensuring they understand the requirements and what they need to do to earn the scholarships. In addition, the guidance office coordinates the registration of scholarship recipients online, taking the burden off of the parent and student.

The following information is taken directly from the Bright Futures Student Handbook. Please note that eligibility requirements are subject to change with each legislative session. For more information, please visit: <https://www.floridastudentfinancialaidsg.org/PDF/BFHandbookChapter1.pdf>

National BETA Club

Florida Bright Futures Scholarship Program Florida Academic Scholars (FAS) / Florida Medallion Scholars (FMS) 2022-23

Initial Eligibility Requirements: (As determined by the Florida Department of Education)

1. Submit the [Florida Financial Aid Application \(FFAA\)](#) no later than August 31 after high school graduation.
2. Graduated from a Florida high school with a standard high school diploma or its equivalent.
3. Complete the 16 college-preparatory courses required for admission to a state university.
4. Achieve the required weighted GPA in the 16 college-preparatory courses per the chart below.
5. Achieve the required composite ACT[®] or combined SAT[®] score no later than June 30 of the student's graduation year (or through January 31 for mid-year graduates), per the chart below.
6. Complete the required number of volunteer service or paid work hours per the chart below.

Type	16 High School College-Preparatory Course Credits ¹	High School Weighted Bright Futures GPA	College Entrance Exams by High School Graduation Year (ACT [®] /SAT [®])	Volunteer Service Hours ²	Paid Work Hours ²
FAS	4 - English (three must include substantial writing)	3.50	2022-23 Graduates: 29/1330	100 hours	100 hours
	4 - Mathematics (at or above the Algebra I level)		2023-24 Graduates: 29/1340		
FMS	3 - Natural Science (two must have substantial laboratory)	3.00	2022-23 Graduates: 25/1210	75 hours	100 hours
	3 - Social Science		2023-24 Graduates: 25/1210		
	2 - World Language (sequential, in same language)				

¹ The required coursework aligns with the State University System admission requirements found in Florida Board of Governor's Regulation 6.002.

Additional information regarding high school coursework can be found within the [Florida Counseling for Future Education Handbook](#).

² Students must earn either the required volunteer service **OR** paid work hours, but not a combination of both.

Requirements to Receive an Award: (As determined by the postsecondary institution)

1. Be evaluated by the Office of Student Financial Assistance (OSFA) as meeting initial eligibility requirements.
2. Be a Florida resident and U.S. citizen or eligible noncitizen.
3. Enroll as a degree- or certificate-seeking student at a Florida institution in at least 6 non-remedial semester credit hours.

Students become eligible for membership after their first semester of attendance (9th through 11th grade) and completing a semester credit load. To be considered for membership, a student must have a 3.0 unweighted GPA. Notifications will be sent out EACH semester reminding students to check their eligibility status. Students must join prior to their senior year. The four big ideas of the National BETA Club are: *Achievement, Character, Leadership* and *Service*. Students will compete in state and national conventions for scholarships and honors for scholarly and creative endeavors. Inductions are held each year and JCHS BETA Club will take applicants throughout the year. Officer positions include: President, Vice-President, Secretary, Treasurer, Reporter, Historian and Chaplain. A student must be on campus over half-time to hold an office. Students off campus for FT Dual Enrollment cannot hold an office; however, they are still required to participate in the on and off campus Club Sponsored service projects as a regular member.

National Honors Society

Students become eligible for membership in NHS in the spring of their sophomore year. To be considered for membership, a student must have a 3.70 unweighted GPA. All students who meet

that minimum criteria and who are not current NHS members will receive a letter early in the spring semester inviting them to submit materials for consideration by the Faculty Council. The four pillars of the National Honor Society are: Scholarship, Leadership, Character, and Service. The induction ceremony is typically held in early March.

HIGH SCHOOL PLACEMENT TEST (HSPT)

The High School Placement Test is a tool John Carroll uses to determine placement in courses for incoming freshmen students. John Carroll follows the guidelines of the Scholastic Testing Service and does not allow any retakes for the High School Placement Test.

MIDDLE SCHOOL MATH CREDIT(s)

John Carroll High School follows the math policy of the Diocese of Palm Beach. Successful mastery of Algebra 1 is critical to a student's success in subsequent math classes and on the PSAT and SAT. In the best interest of our students, the Diocese of Palm Beach provides the following policy regarding students seeking to receive high school Algebra 1 credit from an Algebra 1 class taken in middle school. The same policy applies to middle school students seeking high school credit for Geometry.

- I. Private Middle School Students:
 - A. Students who earn an A or B in Algebra 1 or Geometry AND score an 85% or higher on the diocesan end-of-course exam will be placed in Geometry Honors or Algebra 2 Honors at the high school level.
 - B. Students who earn an A or B in Algebra 1 or Geometry AND earn between 70%-84% will be placed in a College Prep Geometry class or a College Prep Algebra 2 class.
 - C. Regardless of the grade earned in the Algebra 1 or Geometry class taken in middle school, Students who score a 69% or lower on the diocesan end-of-course exam will need to take Algebra 1 or Geometry again.
- II. Public Middle School Students:
 - A. Must receive an A, B, or C in Algebra 1 or Geometry AND pass the state of Florida end-of-course exam.
 - B. The admitting school determines placement in academic or honors based on grades and scores on the state EOC and/or the diocesan algebra 1 final exam.
- III. The school and diocese reserve the right to address exceptions on an individual basis.

COURSE PLACEMENT & SELECTIONS

Initial Placement

John Carroll High School guidance counselors and administrators take student placement in the appropriate courses very seriously. We review each student individually, looking to balance the most challenging course load for the student with as high a GPA as possible. Please see the course descriptions to view the prerequisites for placement in each course and level.

Course Selections

Each spring, students will be given an opportunity to choose elective courses and review the courses that have been recommended for them, for the following year, based on the current year's academic progress and attendance record. Students are advised to think carefully before choosing their courses for the coming year. Many of our elective courses are challenging, and students should be prepared to put forth their best effort for all classes.

COURSE APPEALS WEEK (for Academic Override Requests)

Rising sophomores, juniors, and seniors who desire to override a teacher recommendation must self-advocate by making an appeal in front of the Academic Advisory Board (AAB).

1. Students will sign up to meet with the AAB during the designated Appeals Week.
2. Students sign up for a 15-minute time slot and must create three slides:
 - a. Which course the student is appealing and why the student desires to remain in the course or move up to the next level.
 - b. Evidence regarding the push to remain in the course or to move up to the next level.
 - c. How they plan to show that they belong in the desired course once the course begins (should the AAB grant approval).
3. The board will discuss and make a final decision. Three possible outcomes:
 - a. Unanimous approval - The student will remain in or move up to the next level with no restrictions, but cannot move down after this decision has been made.
 - b. Mixed approval - An override form will be used which states that after one quarter, if the student has earned a 'C' or less, they will be moved into the course originally recommended which may likely result in a complete schedule change.
 - c. Denied - The student will remain in the recommended course.
4. Decisions from the AAB are final and appeals will not be considered.

HOMEWORK AND STUDY TIME

In order to be successful in John Carroll classes, parents and students must realize that in addition to written homework, students must study for each class every night. Students in AP and honors can expect homework and study time to be approximately one and a half to double that of a non-honors class, and sometimes more. Students should use the various tools available on their iPads to keep track of their daily homework. Further, teachers post homework in FACTS for the week for students to access. However, the teachers' directions in the class regarding homework always take precedence.

STANDARDIZED TESTING

John Carroll does not teach to a certain standardized test, nor do we require students to pass a standardized test in order to move to the next grade level. John Carroll uses both the PSAT and

the NWEA MAP testing data to gauge how we are doing as a school, how we can improve, and as a measurement of student growth. We use data from these tests to improve our instruction to better meet the needs of our students.

- ❖ PSAT - Students take the PSAT in October in ninth, tenth, and eleventh grades. This test serves as a barometer for the SAT and a qualifying exam for the National Merit Scholarship Program.
 - For interested students, John Carroll shares information on optional PSAT preparation programs.
- ❖ NWEA MAP test - Students in ninth and tenth grades take the MAP test in September and April. This test provides rich data for teachers to use to guide their instruction and improve student achievement.

SEMESTER EXAM POLICY

Given in all classes, semester exams (midterms and finals) account for 20% of a student's semester grade. Dates are set aside well before the exams and can be found both in email communications and the school calendar.

Only in the case of a medical emergency, legal appointment, or death in the immediate family will the administration excuse a student from taking an exam on the scheduled date. Seniors with the required second-semester average of 90% or higher AND eight or fewer total absences (excused and unexcused) during the *entire senior year* will be exempt from their final exams. A senior may not be exempt from an exam in a course for which he is attempting to make up credit for grade forgiveness. John Carroll reserves the right to amend this policy as needed.

Because of the importance of the semester exams, John Carroll will not allow students to reschedule semester exams except for the aforementioned exceptions. Like many of our peer institutions, John Carroll will charge families \$50 per rescheduled exam due to the time needed for a staff or faculty member to monitor your child's make-up exams personally.

FINAL AVERAGES

Semester grades are determined using the following formula: Quarter grade (40%), Quarter Grade (40%), Semester Exam (20%). Year-long courses receive .5 credit in the fall and .5 credit in the spring.

ACADEMIC SUPPORT

Academic Support available to all students

- WIN Flex Sessions
 - Each week, one block is devoted to academic support called WIN (“What I need”). During this time, students may request a teacher from which they need additional academic support. A teacher may also assign students for focused help in an area of need.
- Peer support from our PIT Crew in designated classes
 - Designated freshmen and sophomore classes have a peer from the PIT Crew (Peer Inclusion Team) available for peer academic support during class.
- Guidance counselor available for academic, social, and emotional help
 - Students may make appointments with our guidance counselor who will listen and support our students as they navigate through academic, social, and emotional concerns.
- Academic Support Teacher for help with learning strategies
 - Our Academic Support Teacher is available to meet with students to offer strategies for engagement, motivation, and test-taking skills as well as different approaches to organization and time management to help our students find success.
- Teachers are available every day after school until 3:10
 - Schedule this time with the teacher in advance to ensure one-on-one or small group academic support can be provided on a particular day.

Academic Support Electives

- Learning Strategies
 - Available for students in grades 9-12, this elective course is designated to assist students in developing learning and study strategies that they will apply independently across the curriculum.
- Peers as Partners in Learning (PPL)
 - Developed by the Florida Inclusion Network (FIN) and approved by the Florida Department of Education ([#14000240](#)), the course provides peer support for students with and without disabilities in an inclusive classroom environment.

For students with IEPs, 504 Plans, or a documented psycho-educational evaluation from a licensed school psychologist reasonable accommodations may be provided.

Reach out to our Academic Support Coordinator, Mrs. Lisa Schilling for more information.
lschilling@johncarrollhigh.com

STUDENT-TEACHER-PARENT COMMUNICATION

John Carroll’s mission is to educate the whole child. One of our aims is to aid students on the path to adulthood. Part of that path requires that students self-advocate with their teachers. All parties

should understand that students learn best when there is cooperation and support between home and school. If a student has a concern with a teacher, class, or grade, the school asks the following:

- ❖ First, the student should advocate for himself or herself by respectfully communicating with his or her teacher directly to try to solve the problem, issue, or concern. This can be done before or after class or school. A respectful, well-written email communication would also be welcome.
- ❖ Second, if the student is unable to resolve the issue satisfactorily, the parent may contact the teacher directly. Most of the time a face-to-face meeting with the teacher, parent, and student will resolve any concerns and provide a plan to move forward.
- ❖ If a problem still persists after a parent-teacher meeting, the student or parent is invited to contact administration and/or guidance to help resolve any issues.

ACADEMIC PROBATION

Students who cannot demonstrate adequate academic progress are placed on academic probation to establish a plan to assist the student and impress upon the student the need for the academic improvement needed as well as the required expectations. A student is placed on academic probation if:

- ❖ The student has failed two or more courses during the semester.
- ❖ The student has a cumulative GPA below 2.0.
- ❖ Students placed on academic probation are expected to adhere to the stipulations stated in the probation letter. Failure to comply with the stipulations established to assist the student in achieving success may jeopardize the student's ability to remain a student at John Carroll High School.

ACADEMIC PROGRAMS

Advanced Placement Capstone Diploma

The College Board approved John Carroll High School as an AP Capstone Diploma School in the 2015-2016 school year. Since then, dozens of students have earned the AP Capstone Diploma and gone on to have successful college careers. AP Capstone™ is a diploma program based on two year-long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student may take.

- ❖ Instead of teaching specific subject knowledge, AP Seminar and AP Research use an interdisciplinary approach to develop the critical thinking, research, collaboration, time management, and presentation skills students need for college-level work.
- ❖ The College Board developed the AP Capstone Diploma program at the request of higher education professionals, who saw a need for a systematic way for high school students to begin mastering these skills before college.
- ❖ Students typically take AP Seminar in grade 11, followed by AP Research. Each course is yearlong, and AP Seminar is a prerequisite for AP Research.

- ❖ In both courses, students investigate a variety of topics in multiple disciplines. Students may choose to explore topics related to other AP courses they're taking.
- ❖ Both courses guide students through completing a research project, writing an academic paper, and making a presentation on their project.
- ❖ Over the course of the two-year program, students are required to:
 - Analyze topics through multiple lenses to construct meaning or gain understanding.
 - Plan and conduct a study or investigation.
 - Propose solutions to real-world problems.
 - Plan and produce communication in various forms.
 - Collaborate to solve a problem.
 - Integrate, synthesize, and make cross-curricular connections.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

AP Capstone uses the QUEST framework, to develop, practice, and hone their critical and creative thinking skills as they make connections between various issues and their own lives:

❖ **Question and Explore**

Questioning begins with an initial exploration of complex topics or issues. Perspectives and questions emerge that spark one's curiosity, leading to an investigation that challenges and expands the boundaries of one's current knowledge.

❖ **Understand and Analyze Arguments**

Understanding various perspectives requires contextualizing arguments and evaluating the authors' claims and lines of reasoning.

❖ **Evaluate Multiple Perspectives**

Evaluating an issue involves considering and evaluating multiple perspectives, both individually and in comparison to one another.

❖ **Synthesize Ideas**

Synthesizing others' ideas with one's own may lead to new understandings and is the foundation of a well-reasoned argument that conveys one's perspective.

❖ **Team, Transform, and Transmit**

Teaming allows one to combine personal strengths and talents with those of others to reach a common goal. Transformation and growth occur upon thoughtful reflection. Transmitting requires the adaptation of one's message based on audience and context.

Because of the unique format of the AP Capstone courses, all AP Seminar and AP Research teachers must take part in training prior to their first year teaching the course.

<u>Florida Colleges that endorse AP Capstone program</u>	<u>A small sample of colleges out of state that endorse AP Capstone program:</u>
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<ul style="list-style-type: none"> ❖ Flagler College ❖ Florida Agricultural and Mechanical University ❖ Florida Atlantic University ❖ Florida Gulf Coast University ❖ Florida International University ❖ Florida Polytechnic University ❖ Florida State University ❖ Johnson & Wales University: North Miami ❖ Lynn University ❖ Rollins College ❖ Stetson University ❖ University of Florida ❖ University of Miami ❖ University of Central Florida ❖ University of North Florida ❖ University of South Florida 	<ul style="list-style-type: none"> ❖ California Institute of Technology ❖ Yale University ❖ Georgetown University ❖ Georgia Institute of Technology ❖ University of Georgia ❖ University of Chicago ❖ Johns Hopkins University ❖ Boston College ❖ Massachusetts Institute of Technology ❖ University of Michigan ❖ Princeton University ❖ Columbia University ❖ New York University ❖ University of North Carolina at Chapel Hill ❖ Carnegie Mellon University ❖ Vanderbilt University ❖ Rice University
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For a complete list, please go to: <https://apcentral.collegeboard.org/courses/ap-capstone/higher-education-endorsement>

COMPUTER SCIENCE PROGRAM

The Amazon Future Engineer (AFE) program selected John Carroll High School as a recipient of its innovative new STEM computer science track. John Carroll is proud to partner with AFE to offer beginner through advanced level coding classes. This program will prepare students for the high technological future ahead of them and inspire students to understand how computer science impacts and shapes our world.

10th Grade	11th Grade	12th Grade
Introduction to Computer Science	AP Computer Science Principles	AP Computer Science A -- Java

- ❖ High caliber content: Courses were developed with the best high school and college educators in the country.
- ❖ Engaging and relevant: Videos, interactive activities and career connections make learning fun.
- ❖ Interactive practice: Students get instant feedback on their code from embedded code graders.
- ❖ Support: Undergraduate and graduate students from the country's best universities are available 7 days per week.

AP Computer Science Statistics:

- ❖ Students who take AP Computer Science in high school are 8 times more likely to take computer science in college.
- ❖ Women who try AP Computer Science in high school are 10 times more likely to major in Computer Science in college. Black and Hispanic students are 7 times more likely.
- ❖ A computer science major can earn 40% more than the college average.
- ❖ Computing jobs are the #1 source of new wages in the United States.
- ❖ Currently 500,000 computer science job openings in every industry and every state and they are projected to grow at twice the rate of all other jobs.
- ❖ Computing jobs are the #1 source of new wages in the United States.

Levels of Academic Rigor

College Preparatory (CP) - All core courses at JCHS are taught at a level that prepares our students for college level coursework.

Honors (H) - These courses cover the same or similar material as CP courses but provide more depth and insight into the subjects at hand. More challenging content means studying takes more time, projects require more work, and tests are more challenging.

Advanced Placement (AP) - These courses are rigorous college level courses offered through the College Board's Advanced Placement program. Students with a strong work ethic and a desire to engage in challenging courses are encouraged to request the AP courses that best meet their talents and interests. Students will sit for the national AP Exam(s) in May. Please note that the College Board applies fees for these exams and JCHS students will be billed through FACTS for these fees. Colleges and universities often award college credit for AP exam scores of 3, 4, or 5 on a scale of 1 through 5. Each college has varying standards for scores as well as what type of credit they will award for a course. For further information regarding college credits awarded based on AP exam scores, please review the [Florida State University System \(SUS\) Credit by Exam Equivalencies](#) document or visit the specific website for the University of your choosing.

ELECTIVES

Fine Arts

AP Art 2-D Art & Design - 0109350

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Art and teacher recommendation

Description: The AP Art and Design course framework is composed of course skills, big ideas, essential questions and enduring understandings, learning objectives, and essential knowledge. AP Art and Design skill categories delineate overarching understandings central to the study and practice of art and design. Each of the three skill categories consists of skills that encompass foundational to advanced learning over the span of the course. Students need to develop, practice, and apply these skills in a variety of contexts. The framework for the AP Art and Design courses is made up of three big ideas. Big Idea 1: Investigate materials, processes, and ideas. Big Idea 2: Make art and design. Big Idea 3: Present art and design.

Art I-Fall - 0101300 (CPalms - 2 Dimensional Studio Art 1)

Length: 1 semester

Grade level: 9, 10, 11, 12

Prerequisite: None

Description: AStudents taking Art-I F or Art-2 S will use a variety of art materials to explore the elements and principles of art in both 2-D and 3-D forms. Drawing, painting, assemblage, fibers, ceramics and mixed media are some of the art forms used by students in this semester. Each semester includes a research and presentation assignment, as well as a community service project. A fee for supplies is charged each semester.

Art I-Spring - 0101330 (CPalms - 3 Dimensional Studio Art I)

Length: 1 semester

Grade level: 9, 10, 11, 12

Prerequisite: None

Description: Art I students taking Art-I F or Art-2 S will use a variety of art materials to explore the elements and principles of art in both 2-D and 3-D forms. Drawing, painting, assemblage, fibers, ceramics and mixed media are some of the art forms used by students in this semester. Each semester includes a research and presentation assignment, as well as a community service project. A fee for supplies is charged each semester.

Art II- 0101360 0101310 (CPalms - 2 Dimensional Studeio Art II)

Length: 1 semester

Grade level: 10,11, 12

Prerequisite: Art I and recommendation of art teacher.

Description: Art II students will use a variety of materials to explore further the elements and principles of art in both 2D and 3D forms. Drawing, painting, assemblage, fibers, ceramics, and mixed media are some of the art forms which will continue to be used by students taking a second semester of fall or spring art class. Each semester includes a research and presentation assignment, as well as a community service project. A fee for supplies is charged each semester.

Art II-S - 0101340 (CPalms - 3 Dimensional Studio Art II)

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite:

Art I-S and recommendation of art teacher.

Description: Art II students will use a variety of materials to explore further the elements and principles of art in both 2D and 3D forms. Drawing, painting, assemblage, fibers, ceramics, and mixed media are some of the art forms which will continue to be used by students taking a second semester of fall or spring art class. Each semester includes a research and presentation assignment, as well as a community service project. A fee for supplies is charged each semester.

Art III-F - 0101320 (CPalms - 2 Dimensional Studio Art III)

Length: 1 semester

Grade level: 11, 12

Prerequisite:

Art I & II and recommendation of art teacher.

Description: In addition to classroom work, Art III students will produce a major personal work in class. Using the iPad, students in a third semester of fall or spring art class will be required to create a digital portfolio documenting the process of creating the major project. Art III students will be encouraged to prepare work for entry in scholarship opportunities and exhibitions for high school artists. A fee for supplies is charged each semester.

Art III-S - 0101350 (CPalms - 3 Dimensional Studio Art III)

Length: 1 semester

Grade level: 11, 12

Prerequisite:

Art I & II and recommendation of art teacher.

Description: In addition to classroom work, Art III students will produce a major personal work in class. Using the iPad, students in a third semester of fall or spring art class will be required to create a digital portfolio documenting the process of creating the major project. Art III students will be encouraged to prepare work for entry in scholarship opportunities and exhibitions for high school artists. A fee for supplies is charged each semester.

Digital Art Imaging I - 0108370

Length: 1 semester

Grade level: 9, 10, 11, 12

Prerequisite: None

Description: Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, printer, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. This course incorporates hands-on activities and the use of technology.

Theater I - 0400750

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: None

Description: This course is designed to introduce the student to the principles of performance including improvisation. Technical theater topics including, but not limited to, set construction, makeup, costuming, and theater terminology will be studied. Theater students engage in the process of producing creative works, in addition to highlighting the culminating finished products or performances. Students will study works and focus on analysis and interpretation, peer-to-peer dialogue, reflective writing, and experimentation.

Theater II - 0400320

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Theater I

Description: This course will expose the student to improvisational and advanced performance techniques. Technical theater topics and activities include set design and construction and makeup.

Theater III - 0400330

Length: 1 year

Grade level: 11, 12

Prerequisite:

Theater II and instructor approval.

Description: This course further develops voice and diction as well as acting skills. Stage movement study will concentrate on improvisation, choreography, and blocking of stage scenes. Directing and audition techniques will also be studied. Technical theater activities are also included.

Theater IV - 0400340

Length: 1 year

Grade level: 12

Prerequisite:

Theater III and instructor approval.

Description: This course provides in-depth study in the theater arts based on the needs of the individual student. Students will explore career opportunities and current trends in dramatic literature and stage productions. Opportunities to maintain and improve acting skills will be provided through both individual and group presentations. Participation in at least one major production and a competitive performance at the district, state, or local level are strongly recommended.

Website Development - 9003520

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: None

Description: This course introduces the student to web page design and development. Dreamweaver software will be used to create the web pages.

Yearbook/Journalism I - 1006300

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Administrative/teacher selection.

Description: This course introduces students to the skills necessary for publishing the school yearbook. Layout design, writing copy, photography, art and the mechanics of publishing are developed. Since the yearbook is self-supporting, business and organizational skills are also included. This course is limited to twenty students. Students in 2nd and/or 3rd year will receive 1 full practical arts credit.

H Yearbook/Journalism - 1006331

Length: 1 year

Grade level: 11, 12

Prerequisite: Yearbook/Journalism I

Description: The purpose of this course is to perform advanced skills in the production of journalism across print and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

Business

Career Education 1- 2102371

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: none

Description: The purpose of this course is to provide students with opportunities to practice employability skills, learn individual strengths and skill sets, research careers of interest, and understand the financial responsibilities of living on their own. Content of this course includes: individual responsibility, goal setting, time management, decision making and problem solving, leadership skills, employability skills, career planning and financial planning. Students will be introduced to members of our community in positions of hiring within different industries.

Career Education 2 - 2102373

Length: 1 semester

Grade level: 10,11,12

Prerequisite: none

Description: The course is an extension of Career Education 1, although Career Education 1 is not required to take Career Education 2. Students will use a career of interest to create a financial plan and implement this plan through a project-based learning experience. Students will learn the intricacies of creating a budget for themselves with an entry level position and explore creating a financial plan with their future goals in mind. Dave Ramsey's Financial Peace curriculum will be utilized throughout this course.

Computer Science

AP Computer Science A - 0200320

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: AP Computer Science Principles, Algebra II, and teacher recommendation

Description: 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. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

AP Computer Science Principles - 0200335

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Intro to Computer Science Principles and/or recommendation of teacher

Description: AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

Computer Science Discoveries - 0200305

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: none

Description: Computer Science Discoveries introduces students to computer science as a vehicle for problem solving, communication, and personal expression. The course focuses on the visible aspects of computing and computer science and encourages students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression. Centering on the immediately observable and personally applicable elements of computer science, the course asks students to look outward and explore the impact of computer science on society. Students should see how a thorough student-centered design process produces a better application, how data is used to address problems that affect large numbers of people, and how physical computing with circuit boards allows computers to collect, input and return output in a variety of ways.

Introduction to Computer Science Principles - 0200315

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: Successful completion of Algebra I and teacher recommendation

Description: 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 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.

Music

Band - 1302300 (This is currently a *pre-school* class beginning at 7:15 am)

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: Previous woodwind/brass experience and approval of teacher.

Description: This course enables students to develop technical skills on woodwind or brass instruments through the refinement and performance of high school band literature. The importance of the relationship among composers, performers, and audiences will be addressed. Self-discipline, practice, and dedication are required. Performances and rehearsals during, before, and after school are required.

Chorus - 1303320

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: Previous choral experience and approval of the Chorus instructor.

Description: This course is designed for students with previous participation in a school chorus who have basic knowledge of note-reading and vocal technique, concentrates on providing students opportunities to strengthen existing skills in critical listening, vocal techniques, and ensemble performance using high-quality three- and four-part choral literature. Rehearsals focus on gaining independence in music literacy and aesthetic engagement through critical listening and thinking skills.

Physical Education

Advanced Weight Training - 1501360

Length: 1 semester

Grade level: 11, 12

Prerequisite: Intermediate Weight Training

Description: Students are placed on an individualized program of weight training and plyometrics according to their individual athletic needs.

Beginning Weight Training - 1501340

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: Approval of the teacher

Description: This course introduces the following: (a) basic knowledge and skills in weight training, (b) methods and techniques to improve muscular strength and endurance, and (c) ways to enhance body image.

Intermediate Weight Training - 1501350

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: Beginning Weight Training or approval of teacher.

Description: The emphasis of this course will be the power lift, bench press, squat, and power clean. Programs will be designed for weight gain and enhancement of athletic performance.

Personal Fitness - 1501300 - *Graduation Requirement*

Length: 1 semester

Grade level: 9

Prerequisite: None

Description: This course helps students understand their personal capabilities and pushes them to increase their overall cardiovascular and muscular endurance. Our intention is to motivate students to become physically active and incorporate exercise into their lifestyle in an appropriate manner. John Carroll physical education uniforms are required for this course.

Freshman Seminar - 0800300 (*Graduation Requirement - Pairs with Personal Fitness*)

Length: 1 semester

Grade level: 9

Prerequisite: None

Description: This classroom course helps students understand how to make healthy choices: physically, socially, and mentally. Topics covered include building self-esteem, nutrition, eating disorders, basics of first aid, choosing abstinence, STDs, conflict resolution, tobacco, drugs, and alcohol. The class also studies social emotional learning and trains students to manage their emotions and interactions with others such that they make healthy choices in life.

Team Sports 1 - 1503350

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: none

Description: The purpose of this 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. The integration of fitness concepts throughout the content is critical to the success of this course.

Team Sports 2 - 1503360

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: none

Description: As a continuation of Team Sports 1, this course further develops 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. The integration of fitness concepts throughout the content is critical to the success of this course.

Other

AP Research - 1700510

Length: 1 year

Grade level: 12

Prerequisite: AP Seminar

Description: This is the second course in the AP Capstone experience (see page 16), allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

AP Seminar - 1700500

Length: 1 year

Grade level: 11

Prerequisite: 'A' average in previous AP courses and teacher recommendations

Description: This course is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.

Leadership in Ministry - 2400300C

Length: 1 year

Grade level: 12

Prerequisite: Application process

Description: This course will provide the opportunity for selected peer ministers to develop a deeper understanding of their faith, utilize their leadership skills, and share their belief in God through faith ministry. Public speaking skills will be emphasized as students share moral values, witness their faith, lead prayer services, and plan retreat activities for the school's retreat program. This course will count as these students' senior religion credit.

Learning Strategies - 7963080

Length: 1 year

Grade level: primarily 9

Prerequisite: none

Description: The purpose of this course is to enable students to acquire academic and social strategies to help perform to their fullest potential. Students will learn to become independent learners able to advocate for themselves in high school and beyond.

Peers as Partners in Learning - 1400340

Length: 1 year

Grade level: 11, 12

Prerequisite: Application process

Description: This course is designed to provide reciprocal academic and social benefits to students with and without learning differences. Students enrolled in this course will learn and apply knowledge and skilled practices in the areas of academic engagement, communication, social barriers, leadership, problem solving, and other neurodiverse-related topics such as historical perspectives, inclusion, Universal Design for Learning, person-first language, presumed competence, social justice for minority populations, and media representation of diverse people.

Math for ACT/SAT - 1209315 (elective course)

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Algebra 1 and Geometry

Description: In Mathematics for ACT and SAT, instructional time will emphasize six areas: (1) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (2) developing understanding of the complex number system, including complex numbers as roots of polynomial equations; (3) extending knowledge of ratios, proportions and functions to data and financial contexts; (4) solve problems involving univariate and bivariate data and make inferences from collected data; (5) relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (6) graph and apply trigonometric relations and functions.

ENGLISH

CP English 1 - 1001415

Length: 1 year

Grade Level: 9

Prerequisite: Placement Test

Description: English 1 focuses on the close reading, analytical writing, and language skills that have immediate relevance for students and that will be essential for their future coursework. Texts take center stage in the English 1 classroom, where students engage in close, critical reading of a wide range of literary and nonfiction works. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and to communicate ideas clearly.

H English 1 - 1001320

Length: 1 year

Grade level: 9

Prerequisite: Placement Test

Description: This course develops students' skills in the basic elements of traditional grammar. Students are introduced to literary terms and various literary genres including drama, novels, short stories, poetry and non-fiction selections. Throughout the year, this course stresses and reinforces students' reading, writing, vocabulary, and oral communications skills. Media and technology skills are reinforced through students' research paper writing. This course is more detailed, in depth, and enriched than the academic level.

CP English 2 - 1001340

Length: 1 year

Grade level: 10

Prerequisite: English I

Description: English 2 spotlights the recursive moves that matter in preparing students for the rigors of college-level reading and writing. While English 1 introduces the foundational routines of close observation, critical analysis, and appreciation of author's craft, English 2 requires students to apply those same practices to a new host of complex texts—the types of texts they will soon encounter in AP English courses, college classes, and on the SAT. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced essays without losing sight of the importance of well-crafted sentences and a sense of cohesion.

H English 2 - 1001350

Length: 1 year

Grade level: 10

Prerequisite: English I Honors or English 1 with teacher recommendation

Description: The purpose of this course is to provide grade 10 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness. Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

CP English 3 - 1001370

Length: 1 year

Grade level: 11

Prerequisite: English I and II

Description: This course presents a chronological survey of American literature from the colonial period up to and including twentieth century writers. There is a focus on vocabulary, research, grammar, and writing skills to produce a research paper. The purpose of this course is to provide

grade 11 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

H English 3 - 1001380

Grade length: 1 year

Level: 11

Prerequisite: English II Honors or English II with a 90 or higher and teacher recommendation

Description: This course presents a chronological survey of American literature from the colonial period up to and including twentieth century writers. There is a focus on vocabulary, research, grammar, and writing skills to produce short essays, compositions, theme papers, speeches, oral reports, and research papers. This course is more detailed, in depth, and enriched than the academic level. The purpose of this course is to provide grade 11 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness. Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

CP English 4 - 1001400

Grade length: 1 year

Level: 12

Prerequisite: English 1, English II, English III

Description: This course reinforces students' skills in grammar and vocabulary. The course is a survey of British history, culture, and literature. Students are exposed to various literary genres including drama, novels, short stories, poetry, and non-fiction. This course will reinforce students' reading, writing, vocabulary, and oral communication skills. The purpose of this course is to provide grade 12 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

H English 4 - 1001410

Length: 1 year

Grade level: 12

Prerequisite: English III Honors and teacher recommendation

Description: This course reinforces students' skills in grammar and vocabulary. The course is a survey of British history, culture, and literature. Students are exposed to various literary genres including drama, novels, short stories, poetry, vocabulary, and oral communication skills. Media and technology skills are reinforced through students' research paper writing. This course is more detailed, in depth, and enriched than the academic level. The purpose of this course is to provide

grade 12 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

AP Language and Composition - 1001420

Length: 1 year

Grade level: 11th

Prerequisite: English II Honors or English II, both requiring a grade of an A and teacher recommendation

Description: This course enables students to read text with critical understanding and to write with complexity and detail allowing for effective communication with the experienced reader. Writing assignments include narration, description, exposition and persuasion. Students must be able to budget their time, work both independently and cooperatively, and be extremely self-disciplined. Students are required to read two summer reading books. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

AP Literature and Composition - 1001430

Length: 1 year

Grade level: 12

Prerequisite: AP Language and Composition or English III Honors with a teacher recommendation or English III with a grade of an A and teacher recommendation

Description: This course incorporates both a survey of English, American, and world literature and the vocabulary, oral skills, writing, research, and analysis skills needed to take the required Advanced Placement Examination. Outside reading is required and students will read 2 summer books. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

Dual Enrollment ENC 1101 & 1102

Length: 1 year

Grade level: 12

Prerequisite: Min. 3.0 in junior English course, a recommendation from junior English instructor, completion of John Carroll's DE process, and SLS 1101

Description: This senior English course is a dual enrollment course through Indian River State College. This course fulfills graduation requirements for John Carroll and also earns college level credit. Credits earned for ENC 1101 & 1102 will be permanent grades on students' high school *and* college transcripts. Courses will be taken on JCHS campus.

FOREIGN LANGUAGE

CP Spanish I - 0708340

Length: 1 year

Grade level: 9, 10, 11

Prerequisite: Freshmen must score 8.0 grade equivalent in language on the placement test. Other students must have a C or higher in an academic or honors English class.

Description: This course includes basic skills in listening, speaking, reading, and writing. Special emphasis is given to learning the verbs: the present tense (regular & irregular), the present progressive tense, and ir a + infinitive. In addition to other essential grammar and vocabulary, the program introduces basic information about the geography, history, culture, and arts of the countries in which Spanish is spoken.

CP Spanish II - 0708350

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: Spanish I with a grade of C or better, or the recommendation of the instructor.

Description: This course includes intermediate skills in listening, speaking, writing, and reading. Special emphasis is given to grammar and verb conjugations in various tenses. In addition to extending grammatical knowledge and vocabulary, the program continues the study of the history, geography, culture, and arts of the countries in which Spanish is spoken. Spanish is spoken frequently in class.

H Spanish II - 0708350

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Spanish placement exam

Description: This course includes advanced work in the skill areas of listening, speaking, writing, and reading. In addition to extending grammatical knowledge and vocabulary, the program continues the study of the history, geography, culture, and arts of the countries in which Spanish is spoken. Spanish is used in the classroom except when grammatical explanations require the use of English.

H Spanish 3 - 0708360

Length: 1 year

Grade level: 10, 11, 12

Prerequisite:

Spanish II or Spanish II Honors with a grade of 90 or better and recommendation of teacher.

Description: This course includes an intensive review of Spanish grammar with the emphasis on the student's ability to use the fundamentals from the first two years in a wide variety of areas. Spanish readings develop vocabulary and reading comprehension of many fields and provide a basis for classroom discussions in Spanish. The more complex grammatical structures, the use of the subjunctive, and idiomatic expressions are studied. Emphasis on all four skills: listening, speaking, reading, and writing. Culture is studied through the life story of the people as seen in their literature, arts, folklore, and daily lives. English is used only for clarification, and students are expected to function in the Spanish language. Special projects and short papers in Spanish are assigned.

AP Spanish Language 0708400

Length: 1 year

Grade level: 11, 12

Prerequisite: Spanish III Honors with a grade of A or better and teacher recommendation.

Description: This course prepares students for the AP Spanish Language exam and is organized around the themes of the AP Language Curriculum Framework. Topics range from personal themes to global issues, helping students increase their level of awareness of different Spanish-speaking countries. Students engage with authentic materials by using different modes of communication - interpersonal, interpretive, and presentational. Class is conducted entirely in Spanish. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

MATHEMATICS

CP Algebra I - 1200386

Length: 1 year

Grade level: 9, 10

Prerequisite: None

Description: The Algebra 1 course focuses deeply on mastery of linear relationships. Linear functions and linear equations are the basic building blocks of many advanced topics in mathematics. Therefore, Algebra 1 is streamlined to give students the time and space to thoroughly develop both procedural fluency and deep conceptual understanding of these concepts and skills. This instructional focus fuels students' growth and confidence in mathematics.

H Algebra I - 1200320

Length: 1 year

Grade level: 9

Prerequisite: Placement test and/or teacher recommendation.

Description: This course covers the basic structure and properties of real numbers including algebraic proofs, factoring, ratio and proportion, percentages, systems of equations, inequalities, relations and functions, and coordinate geometry plus word problems. There will be an overview of irrational numbers and radical expressions, time permitting.

CP Algebra II - 1200330

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: Algebra I and Geometry - For 9th grade - 70 or above on the Diocesan Geometry Comprehensive Exam or a 'C' or higher on the FLDOE Geometry End of Course exam. For 10th grade - teacher recommendation.

Description: This course includes real and complex numbers, polynomials, rational expressions, linear equations and inequalities, word problems, coordinate geometry, relations and functions, quadratic functions, systems of linear equations, real number exponents, radical equations and logarithmic functions. Students should purchase a TI-84 calculator.

H Algebra II - 1200340

Length: 1 year

Grade level: 9, 10, 11

Prerequisite: Algebra I Honors and Geometry Honors and teacher recommendation. For 9th grade - 85 or above on the Diocesan Geometry Comprehensive Exam or an 'A' or 'B' on the FLDOE Geometry End of Course exam. For 10th grade - teacher recommendation.

Description: This course includes real and complex numbers, polynomials, rational expressions, linear equations and inequalities, word problems, coordinate geometry, relations and functions, quadratic functions, systems of linear equations, real number exponents, radical equations, matrices, and logarithmic functions. Also included are conic sections, polynomial equations, arithmetic and geometric sequences and series, permutations and combinations and probability. Students are required to purchase a TI-84 calculator for this course (about \$80 - \$100). TI-89 is not allowed.

AP Calculus AB - 1202310

Length: 1 year

Grade level: 11 or 12

Prerequisite: Precalculus Honors and teacher recommendation

Description: This course focuses on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. The courses feature a multi representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop

important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results. A TI-84 plus calculator is required. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

AP Calculus BC - 1202320

Length: 1 year

Grade level: 12

Prerequisite: AP Calculus AB and teacher recommendation

Description: This course is a continuation of AP Calculus AB and continues to focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. The courses feature a multi representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results. A TI-84 plus calculator is required. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

AP Statistics - 1210320

Length: 1 year

Grade level: 11, 12

Prerequisite: 85 or higher in Algebra II, Geometry Honors, English Honors, and teacher recommendation

Description: This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will explore trends; planning and conducting a study; random phenomena using probability and simulation; and population parameters and testing hypotheses. TI-84-Plus is required. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

CP Geometry - 1206310

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: Passing grade in Algebra I - For 9th grade - 70 or above on the Diocesan Algebra I Comprehensive Exam or a 'C' or higher on the FLDOE End of Course exam. For 10th grade - teacher recommendation.

Description: This course covers the basic concepts of plane geometry with emphasis on the logical structure of geometric proof. Algebra will be integrated throughout the course. Topics studied will include areas, volumes, word problems, rational expressions, right triangle trigonometry, triangles, quadrilaterals, and circles. Scientific or graphing calculator is required.

H Geometry - 1206320

Length: 1 year

Grade level: 9, 10

Prerequisite: For 9th grade - 85 or above on the Diocesan Algebra I Comprehensive Exam or an 'A' or 'B' on the FLDOE End of Course exam. For 10th grade - teacher recommendation.

Description: This course covers basic and in-depth concepts of plane geometry with emphasis on logical structure of proofs and geometric problem solving. Algebra will be integrated throughout the course. Topics include areas, volumes, word problems, rational expressions, right triangle trigonometry, triangles, quadrilaterals, and circles. Scientific or a graphing calculator is required.

CP Mathematics for College Algebra - 1200710

Length: 1 year

Grade level: 11, 12

Prerequisite: Teacher recommendation

Description: This course is intended to prepare students for College Algebra, which is a course that satisfies a mathematics general education requirement at every public postsecondary institution in Florida. In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition.

CP Math for Data and Financial Literacy - 1200384

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Algebra and Geometry

Description: In Mathematics for Data and Financial Literacy Honors, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

H Precalculus - 1202340

Length: 1 year

Grade level: 11, 12

Prerequisite: Algebra II and teacher recommendation
Description: This course includes polynomial functions, exponential and logarithmic functions, conic sections including geometrical properties, sequences and series, trigonometric functions and their graphs, right triangle trigonometry, circular functions, solution of trigonometric equations, polar coordinates, trigonometric identities including multiple and half angle identities, advanced graphing. Students are required to purchase a TI-84 Plus Calculator (about \$80 to \$100). TI-89 and TI_Inspire are not allowed.

H Probability and Statistics - 1210300

Length: 1 year

Grade level: 11, 12

Prerequisite: Algebra II and teacher recommendation

Description: 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; chi-square testing; variance analysis; nonparametric statistics; and sampling and simulation. A TI-83 Plus or 84 graphing calculator is required for this course.

SCIENCE

CP Biology - 2000310

Length: 1 year

Grade level: 9, 10

Prerequisite: None

Description: This course includes a historical survey of major advancements in biology as well as examination of principles of cellular organization and function. Basic botany and zoology content is covered and is supplemented with laboratory work. A general survey of the six kingdoms beginning with the simplest bacteria through the most complex animal is made.

H Biology 2000320

Length: 1 year

Grade level: 9, 10

Prerequisite: Placement test or recommendation of teacher.

Description: This course includes a historical survey of major advancements in biology as well as examination of principles of cellular organization and function. Basic botany and zoology content is covered and is supplemented with laboratory work. A general survey of the six kingdoms beginning with the simplest through the most complex is made.

AP Biology - 2000340

Length: 1 year

Grade level: 11, 12

Prerequisite: Biology Honors, Chemistry Honors, and teacher recommendation.

Description: This course presents an introductory college-level study in biology with laboratory. Content areas include molecules and cells, heredity, organisms and populations, and classifications with themes derived from evolution. The required AP exam will test students' understanding of ideas that unite these major content areas. Supplemental work is required. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

CP Chemistry- 2003340

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Algebra I and Biology with a grade of C or higher.

Description: This course introduces the student to the world of chemistry and develops the scientifically literate person who understands the methods and contributions of science to our society and to everyday living. The metric system is used consistently throughout the course to describe and make mathematical calculations. The student is taught basic measurement and measurement taking techniques, Bohr's model of the atom, the periodic table and trends, chemical bonds, formula writing, equation balancing, the gas laws, energy relationships, and study through acids, bases and salts. The laboratory and lab experiments are used to introduce, reinforce, and expand learning.

H Chemistry- 2003350

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Algebra I H and Biology H with a grade of B or higher.

Description: This course introduces the student to the world of chemistry and develops the scientifically literate person who understands the methods and contributions of science to our society and to everyday living. The metric system is used exclusively throughout the course to describe and make mathematical calculations. The student is taught basic measurement and measurement taking techniques, Bohr's model of the atom, the periodic table and trends, chemical bonds, formula writing, equation balancing, the gas laws, energy relationships, and study through acids, bases and salts. The laboratory and lab experiments are used to reinforce and expand learning.

AP Chemistry - 2003370

Length: 1 year

Grade level: 11, 12

Prerequisite: Biology Honors, Chemistry Honors, and teacher recommendation.

Description: The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students in this course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems.

The course contributes to the development of the students' abilities to think clearly and to express their ideals orally and in writing, with clarity and logic. The emphasis of this course will be chemical calculations and the mathematical formulation of principles. and laboratory work. Quantitative calculations appear in each topic, the course requires considerable time outside of the classroom, and lab experiments are various and complex. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

CP Earth and Space Science - 2001310

Length: 1 year

Grade level: 11, 12

Prerequisite: Biology and Physical Science

Description: This course includes the following concepts of Earth: topography, geography, structure, plate tectonics, earthquakes and volcanoes, rocks and minerals, weathering, physical evolution, and climate and atmosphere. The concepts of space include the relationship of Earth and the Moon, solar system, stars, and galaxies.

AP Environmental Science - 2001380

Length: 1 year

Grade level: 11, 12

Prerequisite: Biology Honors, Chemistry Honors, and teacher recommendation .

Description: This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative tasks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Supplemental work may be required over the summer. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

CP Marine Biology - 2000400

Length: 1 year-offered on alternate years

Grade level: 10, 11, 12

Prerequisite: Biology

Description: This course involves the study of the living organisms that inhabit the seas and their interactions with their environment. The study of oceanography will be incorporated into the course as a means of understanding the oceans and their phenomena. Taxonomic categories (schemes of classification) will be introduced to demonstrate the complex evolutionary relationships among marine organisms. Laboratories will be used as a means of reinforcing and expanding the learning experience.

H Marine Biology - 2000510

Length: 1 year-offered on alternate years

Grade level: 10, 11, 12

Prerequisite: Biology H, recommendation of Biology teacher, and a track record of honor courses.

Description: This course involves the study of the living organisms that inhabit the seas and their interactions with their environment. The study of oceanography will be incorporated into the course as a means of understanding the oceans and their phenomena. Taxonomic categories (schemes of classification) will be introduced to demonstrate the complex evolutionary relationships among marine organisms. Laboratories will be used as a means of reinforcing and expanding the learning experience. During the second marking period, each student will make a twenty minute formal presentation pertaining to the oceans and marine organisms.

Physical Science- 2003310

Length: 1 year

Grade level: 9

Prerequisite: None

Description: Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures to understand the physical world.

SOCIAL SCIENCE

CP American Government - 2106310

Length: 1 semester

Grade level: 12

Prerequisite: None

Description: This course is designed to help students understand the organization and functions of our American democratic system. The federal government as well as state and local governments are explored and studied. The Constitution and its importance today as well as in early America will be looked at.

H American Government - 2106320

Length: 1 semester

Grade level: 12

Prerequisite: AP US History II or US History II Honors and teacher recommendation

Description: This course allows the student to become a more knowledgeable participant in our federal system of government. All levels of our democratic system will be studied and explored, and students will be expected to show understanding of our government at work.

CP Economics with Financial Literacy - 2102335

Length: 1 semester

Grade level: 12

Prerequisite: None

Description: This course covers the American economic system and how it relates to

us and the world. Basic economic questions are studied and evaluated. Students are expected to understand how economics relates to them in a global community. Some topics covered will be supply and demand, scarcity, and business organizations.

H Economics with Financial Literacy - 2102345

Length: 1 semester

Grade level: 12

Prerequisite: American History Honors with a grade of 85 or higher and/or teacher recommendation.

Description: This course is the study of the American economic system as it relates to our global community. Basic economic questions and issues will be explored through research. Students will be expected to understand their role in the economic community and how U. S. economics fits into the global picture. Supply and demand, scarcity, business organizations, market structures, and other economic issues will be covered. Students will read and interpret economic charts and graphs.

AP Human Geography - 2103400

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: A or B in previous year's English class and teacher recommendation.

Description: This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. Students will learn the tools, themes, and concepts of geography; geographic problems on the global, national, and local scales; the diversity of global cultures; and the creation and change of cultural landscapes. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

AP Psychology - 2107350

Length: 1 year

Grade level: 11, 12

Prerequisite: A or B in Introduction to High School English and World Literature and teacher recommendation.

Description: This course will explore the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. This course adheres to the curriculum and standards set forth by the College Board in order to prepare students for the AP Psychology exam. Areas of study include: the history of psychology; the biology of behavior; sensation and perception; states of consciousness; learning, memory, cognition (thinking, intelligence, and language); development across the lifespan; motivation and emotion; stress and health, social

psychology; theories of personality, psychological disorders as well as psychological therapies. Students enrolled in this course are required to complete a summer assignment. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

CP World History - 2109310

Length: 1 year

Grade level: 9th

Prerequisite: none

Description: The grade 9-12 World History course consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. 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 from ancient and classical civilizations.

H World History Honors - 2109320

Length: 1 year

Grade level: 9th,

Prerequisite: Scores on HSPT or MAP test

Description: The grade 9-12 World History course consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. 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 from ancient and classical civilizations.

AP World History - 2109420

Length: 1 year

Grade level: 9th, Prerequisite: Scores on HSPT or MAP test

Description: In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social

interactions and organization, and technology and innovation. The Advanced Placement test in May is a requirement of the course, but does not affect the student's grade.

THEOLOGY

The outreach program of John Carroll Catholic High School is a Christian service program which is a required part of the Religion Department curriculum for all students. In conjunction with their religion classes, a minimum of 100 community service hours is required to earn a John Carroll High School Diploma. Of the 100 hours of community service, 50 hours must be outreach hours. This requirement also meets the 100 hours of service that Bright Futures scholarships require. Please refer to our Campus Ministry tab on the JCHS website to learn more.

Bible History: Old Testament - 2109390

Length: 1 semester

Grade level: 9

Prerequisite: None

Description: This course examines the traditions, history, and religion of the early Hebrew people as presented in the Hebrew Scriptures. It stresses the need for contextual interpretation to provide a fuller understanding of the words and symbols used in ancient times.

Bible History: New Testament - 2109400

Length: 1 semester

Grade level: 9

Prerequisite: None

Description: This course presents Jesus as portrayed in the Gospels and allows students to grow in their awareness of Him much as the disciples did. Thus it is based on a Christology "from below", utilizing contemporary theology. It includes an in-depth reading and study of one Gospel.

Church History - 135

Length: 1 semester

Grade level: 10

Prerequisite: None

Description: This course aims to review and integrate Catholic morality, doctrine, and teachings of the Church through a review of the history of the Church from apostolic time to the present day.

Christian Morality - 123

Length: 1 semester

Grade level: 11

Prerequisite: None

Description: This course gives students an introduction to basic principles in Catholic moral theology. It proceeds to treat moral development in a psychological perspective. The question of evil, human life issues, such as euthanasia, capital punishment, abortion, suicide, human sexuality, genetic research, and other topics proposed by students and teachers are considered.

Sacraments of the Church - 104

Length: 1 semester

Grade level: 10

Prerequisite: None

Description: This course is designed to give students a sense of Christian identity by examining the Sacraments, rites, rituals, practices, and traditions of the Catholic Church. Students will explore the efficacious nature of the Sacraments and discover how these effects can truly transform lives. Students will look at the many practical and relevant ways in which the grace received through the Sacraments can move them to action every day.

Social Justice - 5134

Length: 1 semester

Grade level: 11

Prerequisite: None

Description: This course critically examines society based on values from the Scriptures and on the seven themes of Catholic Social Teaching. Topics such as abortion, capital punishment, racism, poverty, the environment, peace, and an in-depth examination of the Holocaust are explored.

Sociology 2108300

Length: 1 semester

Grade level: 12

Prerequisite: None

Description: This course provides an examination of the Christian vision of love, centering on Jesus as the model. It is designed to help students explore the nature and characteristics of love within various lifestyles or vocations. Students have opportunities to develop a better understanding of themselves and their compatibility with others. Course content focuses on marriage as a lasting covenant of faithful love and unique challenges of responsible parenting. Students also complete detailed budget analyses in preparation for their entry into adulthood.

World Religions - 2105310

Length: 1 semester

Grade level: 12

Prerequisite: None

Description: This course is devoted to developing an understanding of the world's great religions from the perspective of recognizing the brotherhood of man and commonality of values. Students

will also explore prejudicial beliefs and actions that promote intolerance and discrimination in the world.

POSSIBLE COURSE SEQUENCES

Grades	English	
9th	English I	H English I
10th	English II	H English II
11th	English III/H English III	H English III /AP Language
12th	English IV/ H English IV/AP English Lit	H English IV / AP English Lit / ENC 1101 and ENC 1102

Switching levels requires certain grades and teacher recommendations.

Grades	Math			
9th	Algebra I	H Algebra I	H Geometry	H Algebra II
10th	Geometry	H Geometry	H Algebra II	H Pre-Calculus
11th / 12th	Algebra II / Math for College Alg. / Math for Data & Financial Literacy (Computer Science Discoveries-12th only)	H Algebra II/ H Pre-Calc/ H Prob & Stats/ Math for College Alg./ Math for Data & Financial Literacy	H Pre-Calculus/ H Prob & Stats/ AP Statistics/ AP Pre-Calc/ AP Calc. AB	AP Calculus AB/ BC AP Statistics / DE Math

Switching levels requires certain grades and teacher recommendations.

Grades	Science	
9th	Physical Science	Biology Honors
10th	Biology	Chemistry Honors
11th	Chemistry / Anatomy & Physiology / Marine Biology / Earth & Space Science	AP Chemistry / AP Environmental / Physics Honors
12th	Marine Biology / Earth & Space Science /	AP Biology / AP Environmental / Physics Honors

	Anatomy & Physiology	/ Marine Biology Honors / Anatomy & Physiology Honors
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Switching levels requires certain grades and teacher recommendations.

Grades	Social Sciences		
9th	World History	H World History	AP World History
10th	US History I	H US History 1	AP US History 1
11th	US History 2	H US History 2	AP US History 2
12th	S1 - Amer. Gov. S2 - Economics w/ Financial Literacy	S1 - H Amer. Gov. S2 - H Economics w/ Financial Literacy	S1 - AP American Government S2 -H Economics w/ Financial Literacy

Switching levels requires certain grades and teacher recommendations.

Sample Freshman Schedule
English 1 (H)
Algebra I (H) or Geometry (H)
World History (H) (AP)
Physical Science or Biology (H)
Freshman Seminar / Physical Education
Old Testament / New Testament
Learning Strategies or Spanish 1 or Spanish 2 (H)

