



# John Carroll High School

2024-2025

## Academic Handbook

and

## Course Catalog

### 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*

**JCHS CORE VALUES: Smile ~ Persevere ~ Encourage ~ Listen ~ Love**

**DISPOSITIONS OF A JOHN CARROLL LEARNER: At John Carroll, we aspire to help develop lifelong learners who are:**

**Curious** - Inquisitive learners who are driven by a desire to seek out new knowledge and pursue answers and solutions

**Collaborative** - Articulate learners who contribute to group efforts, support their peers, and value diverse perspectives

**Independent** - Courageous learners who demonstrate initiative, are willing to take academic risks, and take ownership of his/her learning experience

**Resilient** - Adaptive learners who know how to bounce back from setbacks and demonstrate grit in the face of challenges

**Reflective** - Thoughtful learners who continuously evaluate their learning, seeking and integrating feedback to refine and improve

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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 JCHS guidelines and requirements.
- ❖ College/career counseling through the guidance office, including the creation of a 4-year personalized plan based on a student'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^ (World History, U.S. History, Economics & U.S. Government required)
Foreign Language+	2 credits (3 recommended)
Personal Fitness	½ credit
JC Seminar	½ credit
Fine Arts, Performing Arts, or Practical Arts	1 credit
Electives	3 credits (minimum)
Christian Service Hours	100 hours of approved service by JCHS Campus Ministry
Senior Retreat Attendance	1 Attended Retreat - Kairos or an otherwise JCHS approved retreat

*\*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 unless the “^” exception is made.*

*^Three credits earned while at JCHS is acceptable if total credits exceed four in other core subjects (English, math, social studies, and science)*

*\*\*The “^” exception may only be applied for students who earned high school math credit(s) in middle school.*

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

### 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. In addition to academic requirements, participation in the Baccalaureate Mass and graduation ceremony are required to earn a John Carroll diploma. In order to participate in the graduation ceremony, each student must also attend the Baccalaureate Mass practice, Baccalaureate Mass, and the graduation ceremony practice. The administration

reserves the right to prohibit anyone from participating in any commencement activities and/or delay or deny transcript requests.

### **COMMUNITY SERVICE HOURS**

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](http://www.johncarrollhigh.com) and click on the Campus Ministry tab to learn more.

Transfer students: Adjustments of credit requirements may be made for transfer students as necessary. Students already taking honors and AP courses (or similar level coursework such as AICE or IB) will remain in this level as long as John Carroll's grade requirements are met. 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.

### **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 consistently thorough, accurate, and insightful, reflecting a deep comprehension of the course standards and the ability to apply them effectively.

**B** (80-89): The work is above average and a strong understanding of course material. Their work is generally complete, well-organized, and accurate. While there may be some minor errors or areas for improvement, the student consistently demonstrates critical thinking and the ability to apply knowledge effectively.

**C** (70-79): The student does the required work satisfactorily and shows a basic understanding of the course material. The student has met the minimum expectations and demonstrated adequate competence in the subject. The work is generally complete and shows a fair effort, but it often lacks depth, contains errors, or falls short in critical thinking and analysis. While the student may understand fundamental concepts and

skills, there is significant room for improvement in terms of clarity, organization, and mastery of standards.

**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. The student has met only the basic requirements and demonstrated limited competence in the subject. The student needs considerable improvement to meet the academic standards and expectations of the course and has not proven mastery of the course content. It is recommended that the student repeats the course.

**F (59 or below):** This grade signifies failing performance and an insufficient understanding of the course material. Work is incomplete, inaccurate, and poorly organized, reflecting a failure to grasp the standards of the course. The student shows a significant lack of effort and is unable to apply knowledge or think critically about the material. It is mandatory for the student to repeat the course.

### ACADEMIC PROBATION

Students who cannot demonstrate adequate academic progress are placed on academic probation. A plan is established to assist and impress upon the student the need for academic improvement 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 which include an appeals process. 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.

### Grade Forgiveness Policy for High School Students and Middle School Students Who Took High School Courses

It is strongly encouraged that high school students who earn a D or F in a course or middle school students who earned a C, D, or F in a high school course take advantage of **FL statute**

**1003.4282 section 4:** *GRADE FORGIVENESS POLICY.—Each district school board shall adopt policies designed to assist students in meeting graduation requirements including grade forgiveness policies. Forgiveness policies for required courses shall be limited to replacing a grade of “D” or “F” with a grade of “C” or higher earned subsequently in the same or comparable course. Forgiveness policies for elective courses shall be limited to replacing a grade of “D” or “F” with a grade of “C” or higher earned subsequently in another course. The only exception to these forgiveness policies shall be made for a student in the middle grades who takes any high school course for high school credit and earns a grade of “C,” “D,” or “F.” In such cases, the district forgiveness policy must allow the replacement of the grade with a grade of “C” or higher earned subsequently in the same or comparable course. In all cases of grade forgiveness, only the new grade shall be used in the calculation of the student’s grade point average. Any course grade not replaced according to a district school board forgiveness policy shall be included in the calculation of the cumulative grade point average required for graduation.*

## LEVELS OF ACADEMIC RIGOR

College Preparatory (CP) - Students should expect that our college prep courses are more rigorous than typical high school academic courses. We believe that a rigorous curriculum is the best preparation for college and beyond. It not only equips students with the knowledge and skills they need for academic success but also prepares them for the challenges and opportunities they will encounter in life.

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. However, academic rigor is more than simply assigning students a greater quantity of work. 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, focusing 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.

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. Parents with students taking a number of AP exams should be aware that the cost per exam is approximately \$100. 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. See a list of AP courses offered at JCHS below.

Dual Enrollment (DE) - 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. These courses are taken through Indian River State College (IRSC) and students must meet both JCHS and IRSC criteria in order to enroll in DE courses. All core classes (English, math, science, and social studies) must be taken at John Carroll with our teachers, although additional credits in core subjects may be taken through DE. Students should 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 whether the institution accepts dual enrollment credits and how the particular coursework they complete through IRSC will be applied. **Please see the JCHS Dual Enrollment Handbook for additional information on our website.**

### JCHS Advanced Placement Course Offerings

AP Art AP Biology* AP Calculus AB	AP Environmental Science AP Research AP Pre Calculus
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AP Calculus BC AP Chemistry* AP Computer Science A AP English Language & Composition AP English Literature & Composition  * Offered every other year	AP Psychology AP Seminar AP Spanish Language AP Statistics AP US Government AP US History AP World History
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### Weighting of Honors, Advanced Placement, Dual Enrollment Courses

John Carroll uses a conversion scale for quality points at the Honors, DE, & AP levels. Honors level courses earn 2.0 quality points while Advanced Placement and dual enrollment earn 2.5 quality points.

### Should I take Advanced Placement or Dual Enrollment classes?

Very serious consideration should be given to course selection, particularly when choosing between Advanced Placement and dual enrollment courses. Individual institutions vary regarding the transfer of AP and DE college credits. 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
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>❖ <u>Incoming freshmen</u>: HSPT, other standardized test scores, middle school transcript, midterm and final exams/EOC exams.</li> <li>❖ <u>10th - 12th</u>: teacher recommendation based on a comprehensive look at current coursework and summative assessments, midterm and final exams, semester grades, PSAT and NWEA MAP scores.</li> </ul>	<ul style="list-style-type: none"> <li>❖ Student has earned a minimum of four high school credits</li> <li>❖ Student has earned an A or B in the correlating subject</li> <li>❖ Student has earned a minimum 3.0 GPA</li> <li>❖ Student earns minimum passing scores on the PERT (taken at IRSC), SAT, or ACT</li> <li>❖ Administrative approval</li> </ul>
<b>Courses</b>	<ul style="list-style-type: none"> <li>❖ 16-18 courses offered on JCHS Campus each year.</li> </ul>	<ul style="list-style-type: none"> <li>❖ Online elective classes offered as independent study at JCHS with a designated class period during the regular school day.</li> <li>❖ Classes offered online or at an IRSC campus</li> </ul>
<b>Cost</b>	<ul style="list-style-type: none"> <li>❖ No cost for the course or books</li> <li>❖ However, all students are expected to sit for the College Board AP Exam. The fee for the exam is roughly \$100.</li> </ul>	<ul style="list-style-type: none"> <li>❖ First attempts will have:               <ul style="list-style-type: none"> <li>➢ No cost for the course</li> <li>➢ No cost for books</li> <li>➢ No cost for exams</li> </ul> </li> </ul>
<b>Exams/ Testing</b>	<ul style="list-style-type: none"> <li>❖ AP exam is required but is not part of the student's grade</li> </ul>	<ul style="list-style-type: none"> <li>❖ All exams, including final exam, are required and are part of student's grade</li> </ul>
<b>College Transcript</b>	<ul style="list-style-type: none"> <li>❖ AP course grades <b>are</b> a part of the students high school transcript.</li> <li>❖ AP course grades <b>are not</b> a part of the student's college transcript.</li> </ul>	<ul style="list-style-type: none"> <li>❖ Dual enrollment course grades <b>are</b> a part of the student's high school transcript.</li> <li>❖ Grades <b>MUST</b> be reported to the colleges and become part of the student's official college transcript.</li> </ul>

<b>College Credit</b>	❖ Grade of 3 or higher on the AP exam earns college credit at some colleges and universities. Others require a 4 or higher. AP exam grades do NOT need to be reported to the colleges if the student does not want/need credit for them.	❖ 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 credit.
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## 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:** FLVS charges \$375 per segment/semester for students on state scholarships.

## COURSE PLACEMENT

### Initial Placement Criteria for Incoming Freshmen

***The High School Placement Test (HSPT)** is a norm-referenced, standardized test designed for high schools to administer to 8th graders entering high school. It is the most comprehensive placement test available to assess 8th graders and provides reliable data needed for admissions, placement, remediation, and scholarship decisions. The HSPT’s rigorous content reflects the demands of a high school curriculum. The HSPT is only given on predetermined testing dates. John Carroll follows the guidelines of the Scholastic Testing Service and does not allow any retakes for the High School Placement Test. contents*

#### **For placement in college-level AP courses:**

- HSPT - Student must score in the top 15% of the cohort.
- Reading and language subscores must exceed grade 9 for AP World History placement.
- Students scoring in the top 16% - 20% of the cohort will be considered if they exceed grade 9 in their reading and language subscores and show evidence of -
  - Consistent A grades in related subjects: History and English
  - A minimum attendance rate of 95% during 7th and 8th grade. This equates to no more than nine absences per school year.
  - No major behavioral infractions on record.
  - Teacher recommendation stating positive behavior comments that include active participation and engagement.
- *Although the HSPT is required for all incoming freshmen, alternative standardized test scores may also be considered for further evaluation.*

**For placement in honors-level courses:**

- HSPT - Student scores are within the top 16th-30th percent of the cohort.
- Reading and language subscores must show at least grade nine for Honors World History placement.
- Students scoring in the top 31% - 35% of the cohort will be considered if they meet the following criteria:
  - Reading and language subscores must show at least grade nine for Honors World History placement.
  - Consistent A grades in related subjects: History and English
  - A minimum attendance rate of 95% during 7th and 8th grade. This equates to no more than nine absences per school year.
  - No major behavioral infractions on record.
  - Teacher recommendation stating positive behavior comments that include active participation and engagement.
- *Although the HSPT is required for all incoming freshmen, alternative nationally normed, standardized test scores may also be considered for further evaluation.*

***Please note that teachers closely monitor our students' progress and reassess their placement if it becomes evident that they are consistently performing above grade level in their current classes.***

***\*Important note for middle school students who took high school courses\****

**Algebra 1 and Geometry**

John Carroll High School follows the math policy of the Diocese of Palm Beach. Successful mastery of Algebra 1 and Geometry is critical to a student's success in subsequent math classes and on college admissions exams such as the SAT and ACT. 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 or Geometry credit from a class taken in middle school.

- Private Middle School Students:
  - 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.
  - 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.
  - 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.
- Public Middle School Students:
  - Must receive an A, B, or C in Algebra 1 or Geometry AND pass the state of Florida end-of-course exam.
  - 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.
- The school and diocese reserve the right to address exceptions on an individual basis.

### **Spanish I and Spanish II**

- Students who took high school-level Spanish courses in middle school and would like to advance to honors-level Spanish II or III must take the Spanish placement exam at JCHS. Students scoring 75% or higher on the placement exam will advance to the honors level.
- However, students who took a high school-level course in middle school and earned a C (70% - 79%) in the course are strongly encouraged to repeat Spanish in high school. At JCHS, we firmly believe that a C does not indicate a strong enough foundation to advance successfully at the high school level. See **FL statute 1003.4282 section 4 on page 7**.

### **For all other high school-level courses taken during middle school**

- A Florida End of Course Exam (EOC) or alternate assessment determined acceptable by the administration at JCHS must be taken and placement will be determined similarly to the Algebra I and Geometry policy above.

### **Placement for Established JCHS Students**

*Moving from college prep courses to honors-level courses or from honors-level to AP is a significant step for students seeking additional rigor, wanting to add to their “strength of schedule” for college applications, or just for enrichment or a love for a particular subject. At John Carroll High School, our teachers use the same criteria in each department to place students at the appropriate academic level. Of course, there are circumstances that can extend outside of this criteria. For those circumstances, a student may participate in a course appeal where a panel of teachers and a guidance counselor and/or administrator will give additional consideration to a student. See #4 below for more details. **Additionally, should a student show evidence early on in a semester that their ability and skills exceed the level in which they have been placed, our teachers will recommend they move into the next level at that time.** While this may require a schedule change, it is our desire that our students be placed in the most appropriate learning environment, maximizing both challenge and success.*

1. **STANDARDIZED TEST SCORES** - Only one qualifying test score is required. Please note these scores are updated yearly based on PSAT and NWEA MAP norming criteria.

#### **❖ COLLEGE PREP to HONORS**

- **PSAT** - ~ 75th percentile
  - **Rising Sophomores** - Minimum composite score of **980** with a minimum subsection of math or EBRW of **490** (Scores between **950-980** will be considered with strong teacher recommendations and the appropriate grade requirements.)
  - **Rising Juniors** - Minimum composite score of **1040** with a minimum subsection score in math, or EBRW of **520** (Scores between **1010-1040** will be considered with strong teacher recommendations and the appropriate grade requirements.)
  - **Rising Seniors** - Minimum composite score of **1140** with a minimum subsection score in math, or EBRW of **570** (Scores between **1110 - 1140** will be

considered with strong teacher recommendations and the appropriate grade requirements.)

- **NWEA MAP** - ~ 75th percentile
  - Rising Sophomores -
    - Minimum math RIT score - **239**
    - Minimum reading RIT score - **232**
  - Rising Juniors
    - Minimum math RIT score - **242**
    - Minimum reading RIT score - **233**
  - Rising Seniors
    - Minimum math RIT score - **245**
    - Minimum reading RIT score - **235**

❖ **HONORS to AP**

- **PSAT** - ~ 85th percentile
  - Rising Sophomores - Minimum composite score of **1050** with a minimum subsection of math or EBRW of **525**
  - Rising Juniors - Minimum composite score of **1120** with a minimum subsection of math or EBRW of **560**
  - Rising Seniors - Minimum composite score of **1220** with a minimum subsection of math or EBRW of **610**
- **NWEA MAP** - ~ 85th percentile
  - Rising Sophomores
    - Minimum math RIT score - **247**
    - Minimum reading RIT score - **239**
  - Rising Juniors
    - Minimum math RIT score - **250**
    - Minimum reading RIT score - **241**
  - Rising Seniors
    - Minimum math RIT score - **253**
    - Minimum reading RIT score - **242**

2. **Grade Requirements**

- College prep to honors: Students must maintain consistent grades and an unweighted GPA of 4.0 (90% or higher average) in a related course.
- Honors to AP: Students must maintain consistent grades and an unweighted GPA of 3.5 (87% or higher average) in a related course.

3. **Teacher Recommendations** - Our teachers are the experts in the content they teach. They also spend a significant amount of time with our students, gaining insight into our students' strengths and abilities. Therefore, a teacher's recommendation can be crucial when a student's standardized test scores are in question. Our teachers base their recommendations on a student's willingness to participate appropriately in a classroom setting by -

- Attending class consistently

- Arriving on time daily
- Adhering to due dates
- Showing evidence of a strong work ethic and unwavering integrity
- Active and consistent participation and engagement in class activities and discussions.

4. **Course Appeal Participation** - If a student desires to move from CP to honors or from honors to AP courses and meets the PSAT or NWEA MAP criteria but does not meet the grade requirements, or if a student meets the grade requirements but does not meet the PSAT or NWEA MAP score criteria, the student may request a course appeal which requires the student to:

- Present their case to an appeals committee sharing why they feel they can excel in the particular course.
- Provide evidence of potential success in the higher-level course by sharing a portfolio of work from a related course.
- Provide a recommendation from a teacher in a related course.
  - Related courses -
    - English & History
    - Math & Science

### **Placement for Transfer Students Entering Grades 10th - 12th**

- ❖ Transfer students who were previously enrolled in honors, AP, IB, or AICE courses will remain in similar course levels as long as the grade requirements listed in #2 above are met and space is available in the class.
- ❖ Depending on the grade level, students transferring from Florida public high schools must have passed the B.E.S.T Algebra 1 EOC and the FAST Grade 10 ELA Reading assessment, or have earned a concordant/comparative score\* from a nationally normed exam, to be placed in Geometry and English 3. Students transferring without a passing grade on these exams will need to repeat Algebra 1 and/or English 2 at JCHS.
- ❖ Depending on the grade level, students transferring from out of state public high schools, can meet Algebra 1 and grade 10 ELA assessment requirements by earning a concordant/comparative score\* from a nationally normed exam. Students transferring without a passing grade on these exams will need to repeat Algebra 1 and/or English 2 at JCHS.
- ❖ JCHS's graduation requirements will likely differ from the transfer's previous school. To earn a JCHS diploma, JCHS's graduation requirements must be met.

***The Concordant and Comparative Scores table is for students transferring from public high schools.***

<b>Grade 10 ELA Concordant Scores</b>	
PSAT EBRW	430
SAT EBRW	480
ACT English and Reading subtests (averaged)	18
CLT Verbal Reasoning and Grammar/Writing	36

sections (sum)	
<b>Algebra 1 EOC Comparative Scores</b>	
PSAT/NMSQT Math	430
SAT Math	420
ACT Math	16
CLT Quantitative Reasoning section	11

### **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 set time aside nightly to intentionally study by reviewing notes and other materials the teacher referenced that day in class. While the teachers' directions in the class regarding homework always take precedence, students in AP and honors can expect homework and study time to be up 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.

### **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 utilize data from these assessments to enhance our teaching methods and ensure students are placed in academically challenging environments that align with their abilities to effectively master course standards.

- ❖ 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.
- ❖ NWEA MAP test - Students in ninth and tenth grades take the MAP Growth test three times each school year through English and math classes. This test provides rich data for teachers to use to guide instruction and improve student achievement.

### **SEMESTER EXAM POLICY**

Given in English, math, science, social studies, and foreign language, semester exams (midterms and finals) account for a portion 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. Families must take note of these dates and plan vacations outside of exam dates.

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. 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.

Seniors with the required second-semester average of 90% or higher AND eight or fewer total absences 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.

### **ACADEMIC SUPPORT**

***Academic support is available to all students and includes:***

**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 counselors** are 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 Coordinator** 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.

**Classroom 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.

#### **Accommodations**

Reasonable accommodations may be provided for students with IEPs, 504 Plans, or a documented psycho-educational evaluation from a licensed school psychologist. *Reach out to our Academic Support Coordinator, Mrs. Lisa Schilling for more information.* [lschilling@johncarrollhigh.com](mailto: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 learn how to advocate for themselves when a concern arises with a teacher. 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 address the 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 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.

<b><u>Florida Colleges that endorse AP Capstone program</u></b>	<b><u>A small sample of colleges out of state that endorse AP Capstone program:</u></b>
<ul style="list-style-type: none"><li>❖ Flagler College</li><li>❖ Florida Agricultural and Mechanical University</li><li>❖ Florida Atlantic University</li><li>❖ Florida Gulf Coast University</li><li>❖ Florida International University</li><li>❖ Florida Polytechnic University</li><li>❖ Florida State University</li><li>❖ Johnson &amp; Wales University: North Miami</li><li>❖ Lynn University</li><li>❖ Rollins College</li><li>❖ Stetson University</li><li>❖ University of Florida</li><li>❖ University of Miami</li><li>❖ University of Central Florida</li><li>❖ University of North Florida</li><li>❖ University of South Florida</li></ul>	<ul style="list-style-type: none"><li>❖ California Institute of Technology</li><li>❖ Yale University</li><li>❖ Georgetown University</li><li>❖ Georgia Institute of Technology</li><li>❖ University of Georgia</li><li>❖ University of Chicago</li><li>❖ Johns Hopkins University</li><li>❖ Boston College</li><li>❖ Massachusetts Institute of Technology</li><li>❖ University of Michigan</li><li>❖ Princeton University</li><li>❖ Columbia University</li><li>❖ New York University</li><li>❖ University of North Carolina at Chapel Hill</li><li>❖ Carnegie Mellon University</li><li>❖ Vanderbilt University</li><li>❖ Rice University</li></ul>

For a complete list, please go to: <https://apcentral.collegeboard.org/courses/ap-capstone/higher-education-endorsement>

## AWARDS & DESIGNATIONS

- ❖ Quarter recognitions
  - Principal's List - Straight A's
  - Honor Roll - A's with no more than two B's.
- ❖ Latin Honors - see criteria below
  - Summa Cum Laude
  - Magna Cum Laude
  - Cum Laude
- ❖ Excellence Award - Given to the student with the highest grade in each course.
- ❖ Distinction Award - Given to an outstanding student who exemplifies the dispositions of a JCHS learner in each course.
- ❖ Valedictorians - see below.

LATIN HONORS	<i>Cum Laude</i>	<i>Magna Cum Laude</i>	<i>Summa Cum Laude</i>
<b>12th and 11th grade</b>	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), no grade lower than a B, and at least four AP courses	4.0 GPA (unweighted) and at least five AP courses
<b>10th grade</b>	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
<b>9th grade</b>	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.\*

### Valedictorians

- ❖ Student must be enrolled at JCHS for three consecutive years. Students who participate in full-time dual enrollment at IRSC are not eligible for Valedictorian status.
- ❖ Seniors who are designated as Summa Cum Laude at the end of the *first semester*\* of their senior year will be named valedictorian. All valedictorians have the opportunity to earn the honor of delivering one of two commencement speeches at John Carroll High School's graduation ceremony.
  - \*Should a student fail to keep his or her Summa Cum Laude status at the end of semester two of his or her senior year, the student will become ineligible for the valedictorian designation.

- Information on commencement speech opportunities will be provided after valedictorians have been announced.

## **SCHOLARSHIPS FOR COLLEGES AND UNIVERSITIES**

### **Florida Bright Futures Scholarship Awards**

Florida 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 graphic is updated in August each year on FL Bright Futures website. <https://www.floridastudentfinancialaidsg.org/PDF/BFHandbookChapter1.pdf>

**Florida Bright Futures Scholarship Program**  
**Florida Academic Scholars (FAS) / Florida Medallion Scholars (FMS)**  
**2023-24**

**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. Graduate 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<sup>®</sup> score, Overall Score on the Classic Learning Test (CLT), or combined SAT<sup>®</sup> score no later than August 31 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 hours, paid work hours, or 100 total combined hours per the chart below.

Type	16 High School College-Preparatory Course Credits <sup>1</sup>	High School Weighted Bright Futures GPA	College Entrance Exams by High School Graduation Year (ACT <sup>®</sup> /CLT <sup>®</sup> /SAT <sup>®</sup> )	Volunteer Service Hours <sup>2</sup>	Paid Work Hours <sup>2</sup>
FAS	4 - English (three must include substantial writing) 4 - Mathematics (at or above the Algebra I level) 3 - Natural Science (two must have substantial laboratory)	3.50	2023-24 Graduates: 29/96/1340  2024-25 Graduates: 29/96/1340	100 hours	100 hours
FMS	3 - Social Science 2 - World Language (sequential, in same language)	3.00	2023-24 Graduates: 25/84/1210  2024-25 Graduates: 25/84/1210	75 hours	100 hours

<sup>1</sup> 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](#).

<sup>2</sup> Students must earn the required volunteer service hours, 100 paid work hours, or a combination that totals a minimum of 100 hours.

**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.

**Renewal Requirements:** (As determined by grade and hours submitted by the postsecondary institution)

1. Students must earn the number of credit hours based on the student’s enrollment type per term.
2. The renewal cumulative GPA requirements are outlined in the table below.

	Florida Academic Scholars (FAS)	Florida Medallion Scholars (FMS)
<b>Minimum Cumulative GPA</b> (unrounded and unweighted)	3.0	2.75

For detailed information, including other ways to qualify, please refer to the [Bright Futures Student Handbook](#).

**Eligibility requirements are subject to change with each legislative session.**

Students are responsible for tracking their application and award status online and ensuring that funding for an academic year is accurate by contacting their institution’s financial aid office.

In addition to Florida’s Bright Futures Scholarships, there are *thousands* of scholarship opportunities available for our students to apply to. While we do our best to promote all scholarship opportunities we are made aware of, there is no way for us to keep up with all the scholarships available for our students each year. The most up-to-date scholarship information we are aware of is available in the guidance office, and our College and Career Counselor will assist students with scholarship preparation when possible. However, students are responsible for providing 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.

## NATIONAL ACADEMIC CLUBS AND SOCIETIES

### National Beta Club

- The National Beta Club is an academic honor organization for students in the United States, aimed at promoting the ideals of academic achievement, character, service, and leadership among elementary, middle, and high school students. Founded in 1934, the club provides opportunities for students to develop leadership skills, participate in community service projects, and be recognized for their academic accomplishments. Membership is an honor that indicates a student's commitment to excellence both in and out of the classroom.
- 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

- The National Honor Society (NHS) is a prestigious organization that recognizes high school students in the United States for their exemplary academic achievement, leadership, service, and character. Established in 1921, NHS promotes student engagement in school and community activities, fostering the development of strong leaders committed to making a positive impact. Membership in NHS is a significant honor, reflecting a student's dedication to scholarship and their commitment to upholding the highest standards of excellence and integrity.
- 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.

### Mu Alpha Theta

- Mu Alpha Theta is a national mathematics honor society for high school and two-year college students in the United States. Founded in 1957, its mission is to inspire a keen interest in mathematics, develop strong scholarship in the subject, and promote the enjoyment of math in everyday life. The society provides opportunities for students to

participate in math competitions, engage in community service projects related to mathematics, and be recognized for their mathematical achievements. Membership in Mu Alpha Theta signifies a commitment to academic excellence and a passion for mathematics.

- Membership requirements: Students must be a member of John Carroll's Mu Alpha Theta Math Club, have completed 2 college preparatory mathematics courses (Alg 1, Geo) and have a 3.0 or higher GPA (on a 4.0 scale). There is a \$10 membership registration fee.

### **Sociedad Honoraria Hispanica (National Spanish Honors Society)**

- The Sociedad Honoraria Hispánica (SHH) is a nationally recognized honor society for high school students studying Spanish and Portuguese. Founded in 1953, its mission is to recognize academic achievement in Spanish and Portuguese studies, promote cultural understanding and appreciation of Hispanic and Lusophone cultures, and encourage service and leadership among its members. SHH provides opportunities for students to engage in cultural activities, community service projects, and language-related events, fostering a deeper appreciation for Hispanic and Lusophone languages and cultures. Membership in SHH is a testament to a student's dedication to language learning, cultural exploration, and academic excellence in Spanish or Portuguese studies.
- Students become eligible for membership after completing a minimum of three semesters of Spanish and maintaining a GPA of 3.5 or higher with no semester grade lower than a B. Students must also be currently enrolled in Spanish and in the tenth grade or higher at the time of induction. In addition, students must be genuinely interested in learning more about the Spanish language and the Spanish-speaking world by continuing with their study of Spanish at the next level and must be willing to do at least 5 hours of Spanish-related community service.

# JCHS COURSE CATALOG

## ELECTIVES

### **Fine, Performing, Practical Arts**

#### AP Art 2-D Art & Design - 0109350

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Two semesters of Art I, II or III and teacher recommendation

Graduation Requirement: Fine Arts

Description: The AP Art & Design course is an inquiry-based approach to learning about and creating artwork. Students will conduct an in-depth, sustained investigation (SI) of materials, processes and ideas after developing their own unique inquiry question. AP Art students will develop their art and design skills through practice with materials and processes such as drawing, graphic design, photography, printmaking, figure drawing, painting, collage, and/or other mediums. Students commit to one of three course options, Drawing, or 2-D Art and Design, or 3-D Art and Design. The framework of this course is based on college-level introductory courses focused on helping students become inquisitive, thoughtful artists and designers who are able to articulate information about their original work. AP Art and Design students develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication, and reflection. The College Board AP portfolio exam requirements include the SI with 15 digital images of the student's process and written evidence, and a Portfolio (the AP Art Exam) of 5 completed artworks with written evidence about the student's body of work. The College Board requirements include submitting digital images of works in progress, evidence of experimentation, revision and a final fully developed portfolio of artwork that is directly related to the student's SI. Students are required to purchase a personal sketchbook, and a fee for additional supplies is charged each semester. Additional supplies may be required depending on the direction of the student's SI. The College Board charges a fee for the AP Art Exam.

#### Art I - 0101300

Length: 1 semester or full year

Grade level: 9, 10, 11, 12

Prerequisite: None

Graduation Requirement: Fine Arts

Description: In this CP level course students taking Art-I will use a variety of art materials to explore the elements and principles of art and design in both 2-D and 3-D forms. Drawing, painting, assemblage, fibers, and mixed media are some of the mediums used by students in this semester. Each semester of Art offers students an introduction to both art history and a variety of



world cultural traditions. Lessons include both historical and contemporary artists, periods and styles of art from around the world. Lessons are sequential and built upon introduced material with a focus on aesthetics, art criticism, and the elements and principles of art and design. Throughout the creative process students will develop their personal, creative expression as well as a sense of appreciation, accomplishment, and mastery of the National & Diocesan Standards for Visual Arts. Students are required to purchase a personal sketchbook, and a fee for additional supplies is charged each semester.

### Art II - 0101310

Length: 1 semester or full year

Grade level: 10,11, 12

Prerequisite: Art I and recommendation of art teacher

Graduation Requirement: Fine Arts

Description: In this CP level course, Art II students will use a variety of art materials to explore the elements and principles of art and design in both 2-D and 3-D forms. Drawing, painting, assemblage, fibers, and mixed media are some of the mediums used by students in this semester. Each semester of Art offers students an introduction to both art history and a variety of world cultural traditions. Lessons include both historical and contemporary artists, periods and styles of art from around the world. Lessons are sequential and built upon introduced material with a focus on aesthetics, art criticism, and the elements and principles of art and design. Throughout the creative process students will develop their personal, creative expression as well as a sense of appreciation, accomplishment, and mastery of the National & Diocesan Standards for Visual Arts. Students are required to purchase a personal sketchbook, and a fee for additional supplies is charged each semester.

### Art III Honors - 0101320

Length: 1 semester

Grade level: 11, 12

Prerequisite: Art I & II and recommendation of art teacher

Graduation Requirement: Fine Arts

Description: Art III students will use a variety of art materials to explore the elements and principles of art and design in both 2-D and 3-D forms. Drawing, painting, assemblage, fibers, and mixed media are some of the mediums used by students in this semester. Each semester of Art offers students an introduction to both art history and a variety of world cultural traditions. Lessons include both historical and contemporary artists, periods and styles of art from around the world. Lessons are sequential and built upon introduced material with a focus on aesthetics, art criticism, and the elements and principles of art and design. Throughout the creative process students will develop their personal, creative expression as well as a sense of appreciation, accomplishment, and mastery of the National & Diocesan Standards for Visual Arts. Students are required to purchase a personal sketchbook, and a fee for additional supplies is charged each semester.

Entrepreneurship - 9200500

Length: Varies

Grade level: 10-12

Prerequisite: None

Graduation Requirement: Practical Arts

Description: This CP level course is an immersive experience where students have the opportunity to learn about marketing essentials, marketing applications, marketing management and business ownership. The course uses a project-based learning framework in which students are tasked with finding a service unique to JCHS that will be presented to a committee for approval. The chosen product/service will be the following year's small business endeavor which all students in the course will take part in.

Media/Journalism 1 - 8203000

Length: 1 semester or year long

Grade level: 9, 10, 11, 12

Prerequisite: None

Graduation Requirement: Practical Arts

Description: In this CP level course, students explore and develop concepts, terminology, techniques, and applications to design, create, print, and display media productions/packages for the school. As they become more adept at using the tools and techniques available to them, students design digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own media creations and those of their peers to measure artistic growth with increasing sophistication.

Media 2 Honors - 8771110

Media 3 Honors - 8209510

Length: 1 semester or year long

Grade level: 10, 11, 12

Prerequisite: Media 2 H requires a full year of Media 1 and tea dation.

Graduation Requirement: Practical Arts

Description: Media 2 H and Media 3 H build upon Media 1 while increasing student ownership and responsibility. Students are tasked with roles and responsibilities requiring collaboration among peers to complete independent projects and media packages.

Theater 1 - 0400310

Theater 1E - 0400310E

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: None

Graduation Requirement: Performing Arts

Description: This CP level course is designed to introduce the student to the principles of performance including improvisation. Technical theater topics including, but not limited to, 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. Students who begin Theater 1 in the second semester must complete Theater 1E before earning honors credit in consecutive theater courses.

Theater 2 Honors - 0400320

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Full year of Theater I

Graduation Requirement: Performing Arts

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

Theater 3 Honors - 0400330

Length: 1 year

Grade level: 11, 12

Prerequisite: Theater II and instructor approval

Graduation Requirement: Performing Arts

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 4 Honors - 0400340

Length: 1 year

Grade level: 12

Prerequisite: Theater III and instructor approval

Graduation Requirement: Performing Arts

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.

Yearbook 1 - 1006300

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Application and interview

Graduation Requirement: Practical Arts (JC)

Description: This CP level 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.

Yearbook 2 Honors - 1006310

Length: 1 year

Grade level: 11, 12

Prerequisite: Yearbook 1

Graduation Requirement: Practical Arts (JC)

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.

Yearbook 3 Honors - 1006320

Length: 1 year

Grade level: 11, 12

Prerequisite: Yearbook 1 and 2

Graduation Requirement: Practical Arts (JC)

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.

**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

Graduation Requirement: Mathematics

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.

Computer Science Discoveries/Robotics - 0200305

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: None

Graduation Requirement: Elective

Description: This CP level course 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.

## **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 the teacher

Graduation Requirement: Fine Arts

Description: This CP level 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 - 1303300

Length: 1 year

Grade level: 9, 10, 11, 12

Prerequisite: Previous choral experience and approval of the Chorus instructor

Graduation Requirement: Fine Arts

Description: This course is designed for students with previous participation in a school chorus who have basic knowledge of note-reading and vocal technique, and 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**

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

Length: 1 semester

Grade level: 9

Prerequisite: None

Graduation Requirement: Physical Education

Description: This CP level course helps students understand how to make healthy choices: physically, socially, and mentally. Using the School Connect Curriculum, this SEL course focuses on five components - self awareness, self management, social awareness, relationship building, and responsible decision making. The components are discussed in the context of healthy lifestyle and relationship choices with an emphasis on effective communication and resolving conflicts peacefully.

Personal Fitness - 1501300 - *Graduation Requirement*

Length: 1 semester

Grade level: 9

Prerequisite: None

Graduation Requirement: Physical Education

Description: This CP level 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.

Team Sports 1 - 1503350

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: None

Graduation Requirement: Electives

Description: This CP level course helps 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

Graduation Requirement: Electives

Description: As a continuation of Team Sports 1, this CP level 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.

Weight Training 1 - 1501340

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: Approval of the teacher

Graduation Requirement: Physical Education

Description: This CP level 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.

Weight Training 2 - 1501350

Length: 1 semester

Grade level: 10, 11, 12

Prerequisite: Beginning Weight Training or approval of the teacher

Graduation Requirement: Physical Education

Description: This CP level course will have an emphasis on the power lift, bench press, squat, and power clean. Programs will be designed for weight gain and enhancement of athletic performance.

Weight Training 3- 1501360

Length: 1 semester

Grade level: 11, 12

Prerequisite: Intermediate Weight Training

Graduation Requirement: Physical Education

Description: In this CP level course students are placed on an individualized program of weight training and plyometrics according to their individual athletic needs.

## **Other**

Advanced Placement Capstone Research - 1700510

Length: 1 year

Grade level: 12

Prerequisite: AP Seminar

Graduation Requirement: Electives

Description: This is the second course in the AP Capstone experience (see page 17), 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.

Advanced Placement Capstone Seminar - 1700500

Length: 1 year

Grade level: 11

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

Graduation Requirement: Electives

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.

Creative Writing - 1009320

Length: 1 semester

Grade level: 9, 10, 11, 12

Prerequisite: None

Graduation Requirement: Electives

Description: The purpose of this CP level course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

Leadership in Ministry - 2400300 w/ Diocesan standards incorporated.

Length: 1 year

Grade level: 12

Prerequisite: Application process

Graduation Requirement: Electives

Description: Also known as “Alpha.” This honors-level 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 and execute retreats for John Carroll High School and partner middle schools.

Peers as Partners in Learning I\* and II\*\* - 1400340

Length: Varies

Grade level: 11, 12

Prerequisite: Application process

Graduation Requirement: Electives

Description: This CP level 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.

**\*\*A second year in this course earns Honors weight.**



## ENGLISH

### CP English 1 - 1001310

Length: 1 year

Grade Level: 9

Prerequisite: High School Placement Test

Graduation Requirement: English

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.

### Honors English I - 1001320

Length: 1 year

Grade level: 9

Prerequisite: Placement Test

Graduation Requirement: English

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 II - 1001340

Length: 1 year

Grade level: 10

Prerequisite: English I

Graduation Requirement: English

Description: English II broadens and deepens student skills in all facets of communicative arts. The course builds on the foundations of English I, promoting extended study in reading, writing, speaking, listening, research, and critical thinking. Skills and concepts taught in this course will help students use language purposefully as they comprehend, construct, and convey meaning.

### Honors English II - 1001350

Length: 1 year

Grade level: 10

Prerequisite: English I Honors or English 1 with teacher recommendation

Graduation Requirement: English

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. Honors courses require a greater demand on students through increased academic rigor.

CP English III - 1001370

Length: 1 year

Grade level: 11

Prerequisite: English I and II

Graduation Requirement: English

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.

Honors English III - 1001380

Length: 1 year

Grade Level: 11

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

Graduation Requirement: English

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. Students are challenged to think and collaborate critically on the content they are learning. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines.

CP English IV - 1001400

Length: 1 year

Grade Level: 12

Prerequisite: English 1, English II, English III

Graduation Requirement: English

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.

Honors English IV - 1001410

Length: 1 year

Grade Level: 12

Prerequisite: English III Honors and teacher recommendation

Graduation Requirement: English

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. Students are challenged to think and collaborate critically on the content they are learning. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines.

AP English 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

Graduation Requirement: English

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 English 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

Graduation Requirement: English

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.

## FOREIGN LANGUAGE

### CP Spanish I - 0708340

Length: 1 year

Grade level: 9, 10, 11

Prerequisite: Freshmen must score 8th grade equivalent in language on the placement test. Other students must have a C or higher in an academic or honors English class.

Graduation Requirement: Foreign Language

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

Graduation Requirement: Foreign Language

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.

### Honors Spanish II - 0708350

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Spanish placement exam

Graduation Requirement: Foreign Language

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.

### Honors Spanish III - 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

Graduation Requirement: Foreign Language

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 & Culture - 0708400

Length: 1 year

Grade level: 11, 12

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

Graduation Requirement: Foreign Language

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.

<b>MATHEMATICS</b>
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CP Algebra I - 1200310

Length: 1 year

Grade level: 9, 10

Prerequisite: None

Graduation Requirement: Algebra I

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

Graduation Requirement: Algebra I

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 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.

Graduation Requirement: Geometry

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.

Honors 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.

Graduation Requirement: Geometry

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 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.

Graduation Requirement: Mathematics

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.

Honors 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.

Graduation Requirement: Mathematics

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 (~\$100).

CP Mathematics for College Algebra - 1200710

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Teacher recommendation

Graduation Requirement: Mathematics

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 Mathematics for Data and Financial Literacy - 1200384

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Algebra 2 and Geometry

Graduation Requirement: Mathematics

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.

Honors Probability and Statistics - 1210300

Length: 1 year

Grade level: 11, 12

Prerequisite: Algebra II and teacher recommendation

Graduation Requirement: Mathematics

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-84 Plus graphing calculator is required for this course.

Honors Precalculus - 1202340

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Honors Algebra 2 and teacher recommendation

Graduation Requirement: Mathematics

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 (~ \$100).

AP Precalculus - 1202305

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Honors Algebra 2 and teacher recommendation

Graduation Requirement: Mathematics

Description: In AP Precalculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students are required to purchase a TI-84 Plus Calculator (~ \$100)



### AP Calculus AB - 1202310

Length: 1 year

Grade level: 11 or 12

Prerequisite: AP Pre-Calculus and teacher recommendation. (Honors Pre-Calculus on a case by case basis)

Graduation Requirement: Mathematics

Description: This course focuses on students' understanding of calculus concepts and provides 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: A score of 3 or higher on the AP Calc AB exam and teacher recommendation

Graduation Requirement: Mathematics

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

Graduation Requirement: Mathematics

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.

## SCIENCE

CP Anatomy & Physiology - 2000350

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: None

Graduation Requirement: Science

Description: This course will enable you to feel more confident about how all the intricate functions and systems of the human body work together and connect what you learn about anatomy and physiology to what you already know about your own body. Consider this your user guide to the human body. This course will also cover the major systems of the body and explain how they work and why they don't sometimes. In addition, it will examine different diseases and disorders, recent advances in medicine, and ways to take care of your body. Lessons include real-life examples and interactive exercises, allowing you to think critically about your own experiences and make connections with the lesson

Honors Anatomy & Physiology - 2000360

Length: 1 year

Grade level: 10, 11, 12

Prerequisite: Teacher recommendation required

Graduation Requirement: Science

Description: While the content focus of this course is consistent with the Anatomy and Physiology course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

CP Biology - 2000310

Length: 1 year

Grade level: 9, 10

Prerequisite: None

Graduation Requirement: Biology

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.

Honors Biology - 2000320

Length: 1 year

Grade level: 9, 10

Prerequisite: Placement test or recommendation of teacher

Graduation Requirement: Biology

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

Graduation Requirement: Science

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

Graduation Requirement: Science

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.

### Honors Chemistry - 2003350

Length: 1 year

Grade level: 10, 11, 12

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

Graduation Requirement: Science

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

Graduation Requirement: Science

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

Graduation Requirement: 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

Graduation Requirement: Science

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 - 2000500

Length: 1 year - *offered on alternate years*

Grade level: 10, 11, 12

Prerequisite: Biology

Graduation Requirement: Science

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.

Honors Marine Biology - 2002510

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

Graduation Requirement: Science

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

Graduation Requirement: Science

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 STUDIES

### CP Economics - 2102310

Length: 1 semester

Grade level: 12

Prerequisite: None

Graduation Requirement: Economics

Description: This course studies the concepts and processes of the national and international economic systems. Contents include currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

### Honors Economics - 2102320

Length: 1 semester

Grade level: 12

Prerequisite: None

Graduation Requirement: Economics

Description: This honors level course studies the same concepts and processes as the CP course. However, 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 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.

Graduation Requirement: Social Studies

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 U.S. Government - 2106310

Length: 1 semester

Grade level: 12

Prerequisite: None

Graduation Requirement: U.S. Government

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.

Honors U.S. Government - 2106320

Length: 1 semester

Grade level: 12

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

Graduation Requirement: U.S. Government

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.

AP U.S. Government and Politics - 2106420

Length: 1 semester

Grade level: 12

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

Graduation Requirement: U.S. Government

Description: AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

### CP United States History - 2100310

Length: 1 year

Grade level: 10th

Prerequisite: None

Graduation Requirement: United States History

Description: The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction.

### Honors United States History - 2100320

Length: 1 year

Grade level: 10th

Prerequisite: None

Graduation Requirement: United States History

Description: This honors level course studies the same concepts and processes as the CP course. However, 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.

### Advanced Placement United States History - 2100330

Length: 1 year

Grade level: 10th

Prerequisite: None

Graduation Requirement: United States History

Description: AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.



### CP World History - 2109310

Length: 1 year

Grade level: 9th

Prerequisite: None

Graduation Requirement: World History

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.

### Honors World History - 2109320

Length: 1 year

Grade level: 9th

Prerequisite: Scores on HSPT or MAP test

Graduation Requirement: World History

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: Modern - 2109420

Length: 1 year

Grade level: 9th

Prerequisite: Scores on HSPT or MAP test

Graduation Requirement: World History

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.*

Note: The codes listed are diocesan codes (DC)

Bible History: Old Testament - DC2109390

Length: 1 semester

Grade level: 9

Prerequisite: None

Graduation Requirement: Religious Studies

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 - DC2109400

Length: 1 semester

Grade level: 9

Prerequisite: None

Graduation Requirement: Religious Studies

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 - DC135

Length: 1 semester

Grade level: 10

Prerequisite: None

Graduation Requirement: Religious Studies

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 - DC123

Length: 1 semester

Grade level: 11

Prerequisite: None

Graduation Requirement: Religious Studies

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 - DC104

Length: 1 semester

Grade level: 10

Prerequisite: None

Graduation Requirement: Religious Studies

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 - DC5134

Length: 1 semester

Grade level: 11

Prerequisite: None

Graduation Requirement: Religious Studies

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 with integration of diocesan standards

Length: 1 semester

Grade level: 12

Prerequisite: None

Graduation Requirement: Religious Studies

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 with integration of diocesan standards

Length: 1 semester

Grade level: 12

Prerequisite: None

Graduation Requirement: Religious Studies

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 & Comp.
12th	English IV/ H English IV/AP English Lit	H English IV / AP English Literature & Comp.

*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, test scores, 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 / Anatomy & Physiology	AP Biology / AP Environmental / Physics Honors / Marine Biology Honors / Anatomy & Physiology Honors

*Switching levels requires certain grades and teacher recommendations.*

<b>Grades</b>	<b>Social Studies</b>		
<b>9th</b>	World History	H World History	AP World History
<b>10th</b>	US History	H US History	AP US History
<b>11th</b>	US History 2 (24-25-last year)	H US History 2 (24-25-last year)	AP US History 2 (24-25-last year)
<b>12th</b>	S1 - Amer. Gov. S2 - Economics	S1 - H Amer. Gov. S2 - H Economics	S1 - AP American Government S2 -H Economics

*Switching levels requires certain grades and teacher recommendations.*

<b>Sample Freshman Schedule</b>
English 1 (CP or H)
Algebra I (CP or H) or Geometry (H)
World History (CP, H, or AP)
Physical Science (CP) or Biology (CP or H)
JC Seminar / Physical Education
Old Testament / New Testament
Spanish 1 (CP) or Spanish 2 (CP or H)